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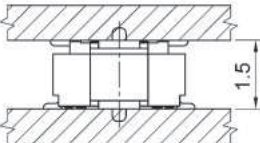
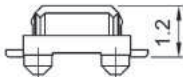
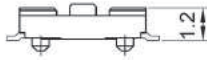
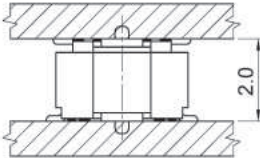
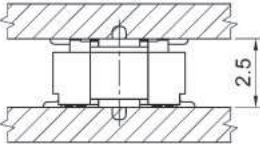
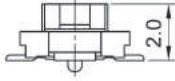
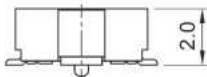
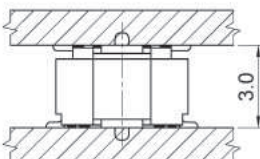
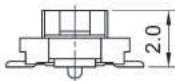
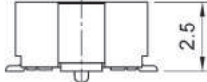
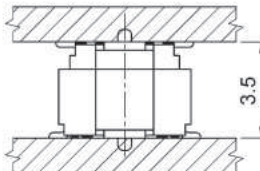
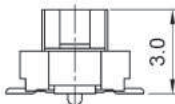
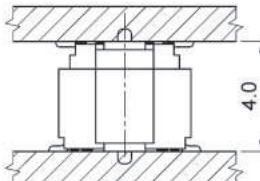
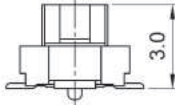
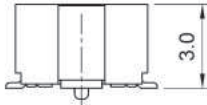
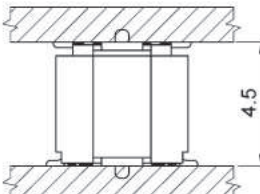
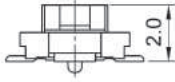
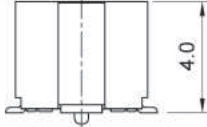
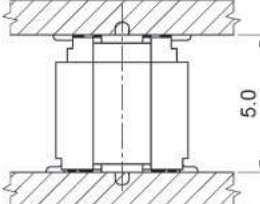
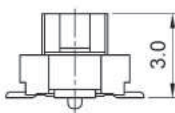
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BOARD TO BOARD CONNECTORS

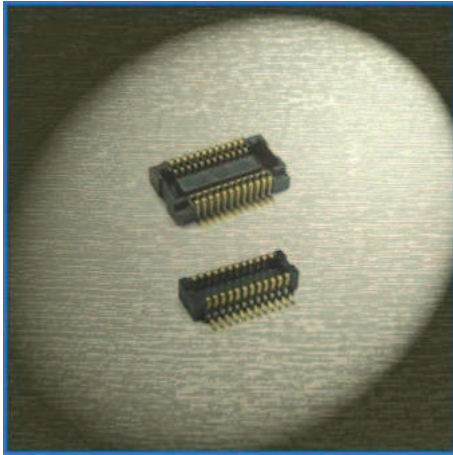
Stacking connectors - p.0,5 mm plug&receptacle

MATING HEIGHT	PLUG	RECEPTACLE
	Circuits: 10~80 pin 	 Part.No.: 11022pp11R00P
	Part.No.: 11012pp11K00P	 Part.No.: 11022pp11R01P
	Circuits: 10~80 pin 	 Part.No.: 11042pp11R00P
	Circuits: 10~80 pin 	 Part.No.: 11042pp11R01P
	Circuits: 10~60 pin 	
	Circuits: 10~60 pin 	 Part.No.: 11042pp11R02P
	Circuits: 10~80 pin 	 Part.No.: 11042pp11R03P
	Circuits: 10~60 pin 	

BOARD TO BOARD CONNECTORS

Stacking connectors - p.0,5 mm plug&receptacle

A



SPECIFICATIONS

Voltage Rating: 50V AC, DC

Current Rating: 0,5A

Withstanding Voltage: 150 V AC/minute

Insulation Resistance: 1000 MΩ min.

Contact Resistance: 50 mΩ max.

Temperature Range: -40°C ~ +85°C

FEATURES

Size 10 to 80 poles

Stacking height 1,5 and 2,0 mm

Metal solder tabs improve PCB retention

Polarization peg for correct PCB alignment

Packaging Tube or Tape & reel

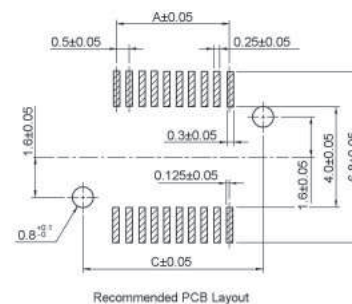
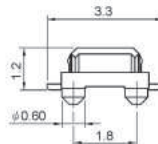
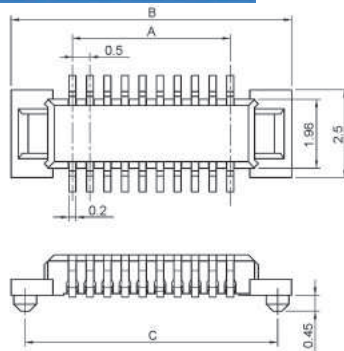
Vacuum pick&place cap/film optional

MATERIALS

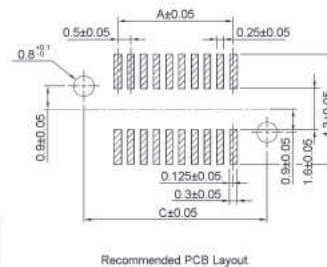
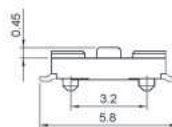
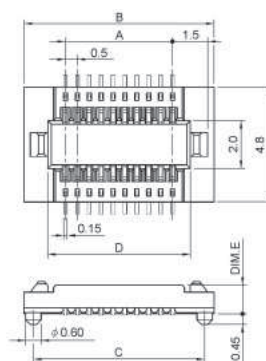
Insulator: H.Temp. plastic, UL94V-0

Contact: Copper alloy

Plating: Gold over Nickel



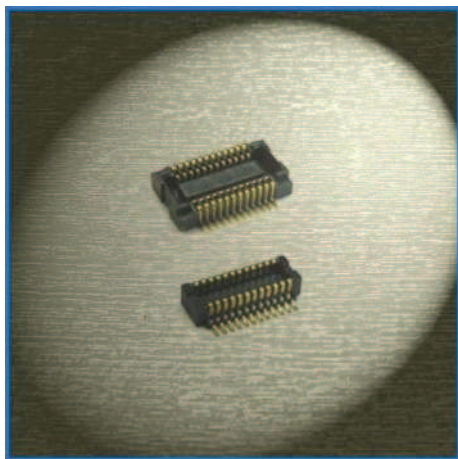
Polos	Part. No.	A (mm)	B (mm)	C (mm)
10	11C12051'K00	2,00	5,50	4,70
12	11C12061'K00	2,50	6,00	5,20
14	11C12071'K00	3,00	6,50	5,70
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76	11C12361'K00	18,50	22,00	21,20
78	11C12391'K00	19,00	22,50	21,70
80	11C12401'K00	19,50	23,00	22,20



Polos	P/N E=1,2	P/N E=1,7	A (mm)	B (mm)	C (mm)	D (mm)
10	110220511R00P	110220511R01P	2,00	5,50	4,70	3,50
12	110220611R00P	110220611R01P	2,50	6,00	5,20	4,00
14	110220711R00P	110220711R01P	3,00	6,50	5,70	4,50
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76	110223611R00P	110223611R01P	18,50	22,00	21,20	20,00
78	110223911R00P	110223911R01P	19,00	22,50	21,70	20,50
80	110224011R00P	110224011R01P	19,50	23,00	22,20	21,00

BOARD TO BOARD CONNECTORS

Stacking connectors - p.0,5 mm plug&receptacle



SPECIFICATIONS

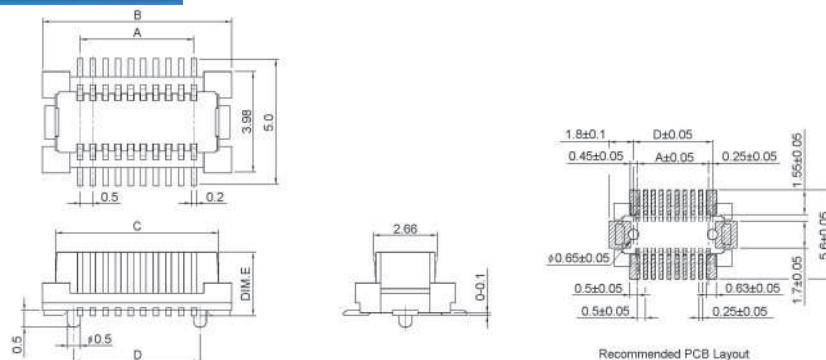
Voltage Rating: 50V AC, DC
 Current Rating: 0,5A
 Withstanding Voltage: 150 V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Contact Resistance: 50 m Ω max.
 Temperature Range: -40°C ~ +85°C

FEATURES

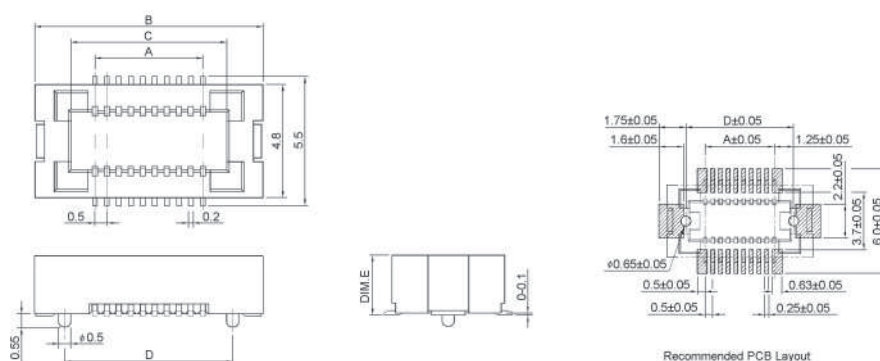
Size 10 to 80 poles
 Stacking height form 2,5 to 5,0 mm
 Metal solder tabs improve PCB retention
 Polarization peg for correct PCB alignment
 Packaging Tube or Tape & reel
 Vacuum pick&place cap/film optional

MATERIALS

Insulator: H.Temp. plastic, UL94V-0
 Contact: Copper alloy
 Plating: Gold over Nickel



Poles	P/N E=2.0	P/N E=3.0	A (mm)	B (mm)	C (mm)	D(mm)
10	110320511K00P	1103205'1K01P	2,00	5,00	4,00	2,50
12	110320611K00P	1103206'1K01P	2,50	5,50	4,50	3,00
14	110320711K00P	1103207'1K01P	3,00	6,00	5,00	3,50
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76	110323811K00P	1103238'1K01P	18,50	21,50	20,50	19,00
78	110323911K00P	1103239'1K01P	19,00	22,00	21,00	19,50
80	110324011K00P	1103240'1K01P	19,50	22,50	21,50	20,00

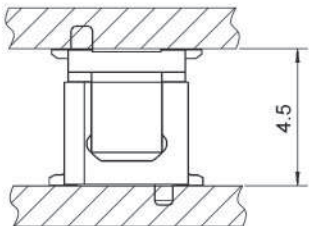
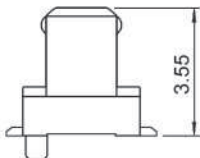
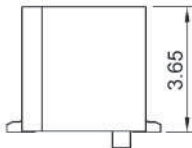
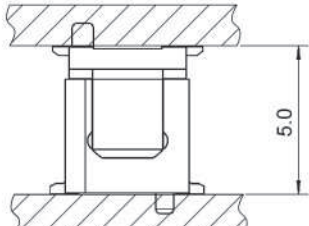
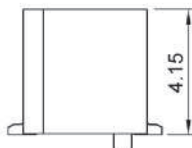
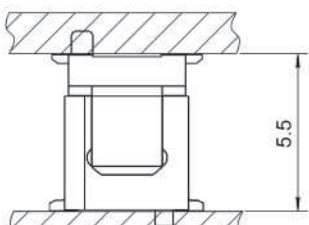
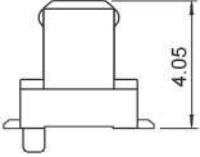
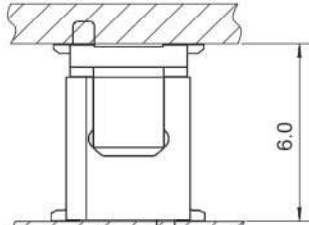
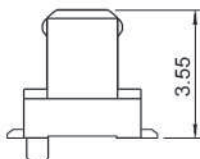
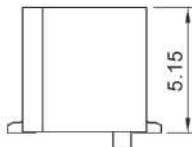
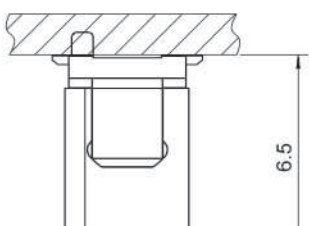
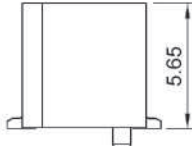
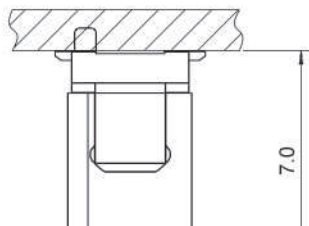
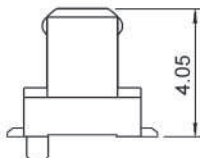


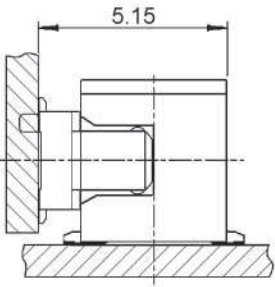
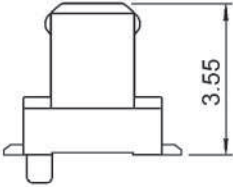
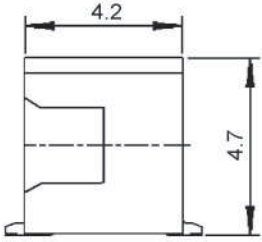
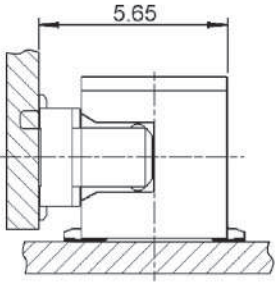
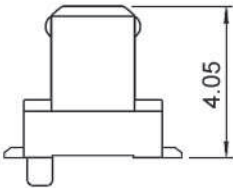
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	Dim.E (mm)	code (xx)
10	110420511RxxP	2,00	7,00	4,00	4,50	2,00	00
12	110420611RxxP	2,50	7,50	4,50	5,00	2,50	01
14	110420711RxxP	3,00	8,00	5,00	5,50	3,00	02
---	---	---	---	---	---	4,00	03
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---	---	---	---	---	---	---	---
76	110423811RxxP	18,50	23,50	20,50	21,00	---	---
78	110423911RxxP	19,00	24,00	21,00	21,50	---	---
80	110424011RxxP	19,50	24,50	21,50	22,00	---	---

BOARD TO BOARD CONNECTORS

Stacking connectors - p.0,8 mm plug&receptacle

A

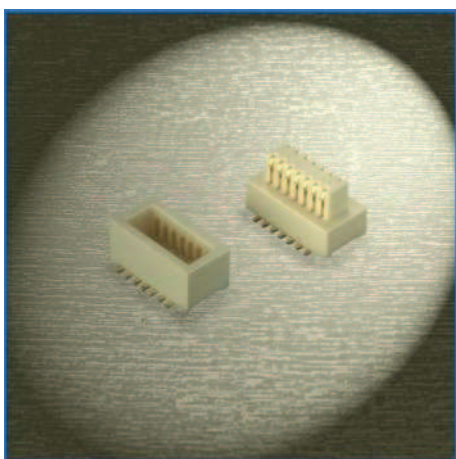
MATING HEIGHT	PLUG	RECEPTACLE
 4.5	 3.55	 3.65 <u>Part. No.: 11062pp11R00P</u>
 5.0	<u>Part.No.: 11052pp11R00P</u>	 4.15 <u>Part. No.: 11062pp11R01P</u>
 5.5	 4.05 <u>Part.No.: 11052pp11R01P</u>	<u>Part. No.: 11062pp11R01P</u>
 6.0	 3.55	 5.15 <u>Part. No.: 11062pp11R02P</u>
 6.5	<u>Part.No.: 11052pp11R00P</u>	 5.65 <u>Part. No.: 11062pp11R03P</u>
 7.0	 4.05 <u>Part.No.: 11052pp11R01P</u>	

MATING HEIGHT	PLUG	RECEPTACLE
 5.15	 3.55 <u>Part.No.: 11052pp11R00P</u>	 4.2 4.7 <u>Part.No.: 11072ppR00P</u>
 5.65	 4.05 <u>Part.No.: 11052pp11R01P</u>	

BOARD TO BOARD CONNECTORS

Stacking connectors - p.0,8 mm plug

A



SPECIFICATIONS

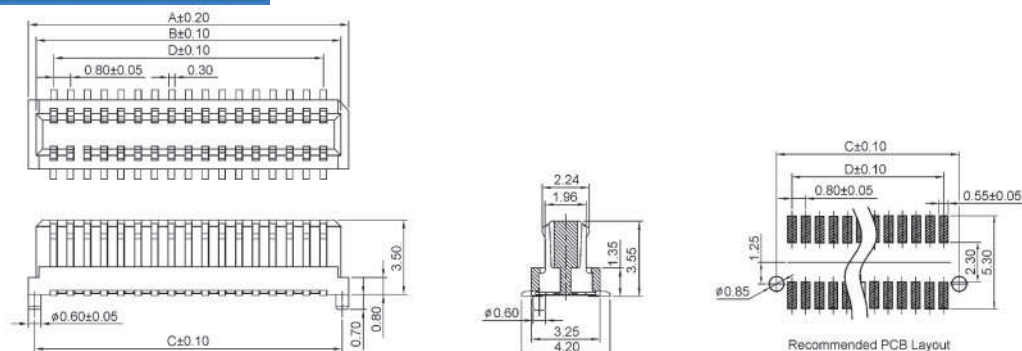
Voltage Rating: 50V AC, DC
 Current Rating: 0,5A
 Withstanding Voltage: 150 V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Contact Resistance: 50 m Ω max.
 Temperature Range: -40°C ~ +85°C

MATERIALS

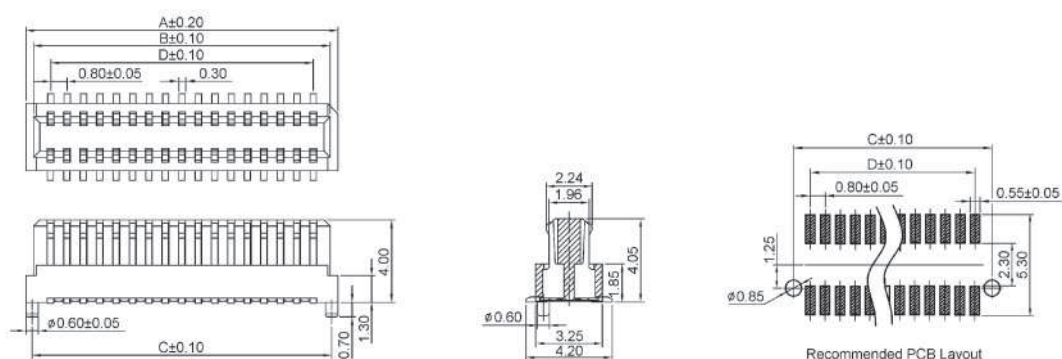
Insulator: H.Temp. plastic, UL94V-0
 Contact: Copper alloy
 Plating: Gold over Nickel

FEATURES

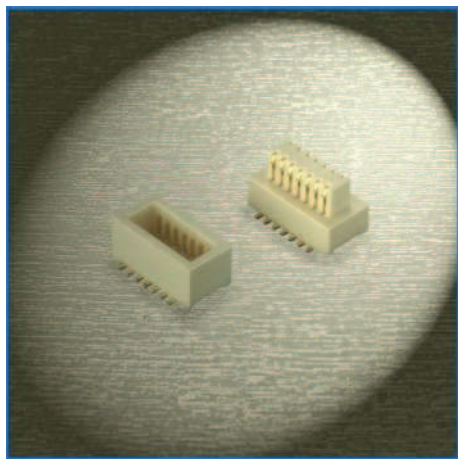
Size 10 to 100 poles
 Stacking height 4,5 to 7,0 mm
 Polarization peg for easy PCB alignment
 Packaging Tube or Tape & reel
 Vacuum pick&place cap/film optional



Poles	P/N E=3,55	A (mm)	B (mm)	C (mm)	D (mm)
10	110520511R00P	5,80	4,90	5,00	3,20
12	110526511R00P	6,60	5,70	5,80	4,00
14	110520711R00P	7,40	6,50	6,60	4,80
---	---	---	---	---	---
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---	---	---	---	---	---
80	110524011R00P	33,80	32,90	33,00	31,20
90	110524511R00P	37,80	36,90	37,00	35,20
100	110525011R00P	41,80	40,90	41,00	39,20



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
10	110520511R01P	5,80	4,90	5,00	3,20
12	110520611R01P	6,60	6,50	6,60	4,00
14	110520711R01P	4,70	7,30	7,40	4,80
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
80	110524011R01P	33,80	32,90	33,00	31,20
90	110524511R01P	37,80	36,90	37,00	35,20
100	110525011R01P	41,80	40,90	41,00	39,20

**SPECIFICATIONS**

Voltage Rating: 50V AC, DC

Current Rating: 0,5A

Withstanding Voltage: 150 V AC/minute

Insulation Resistance: 1000 MΩ min.

Contact Resistance: 50 mΩ max.

Temperature Range: -40°C ~ +85°C

FEATURES

Size 10 to 100 poles

Stacking height 4,5 to 7,0 mm

Polarization peg for easy PCB alignment

Packaging Tube or Tape & reel

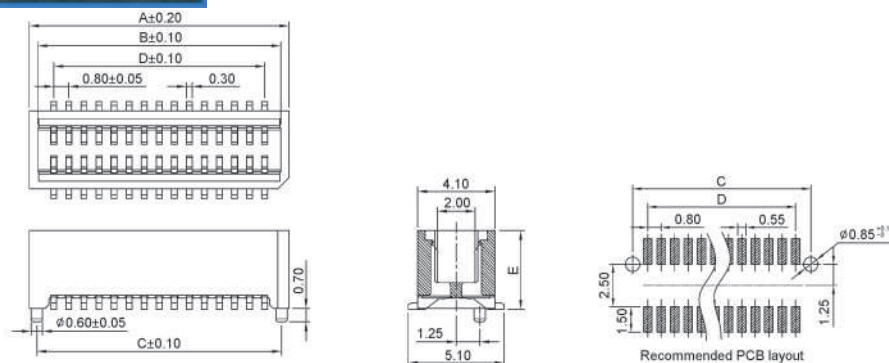
Vacuum pick&place cap/film optional

MATERIALS

Insulator: H.Temp. plastic, UL94V-0

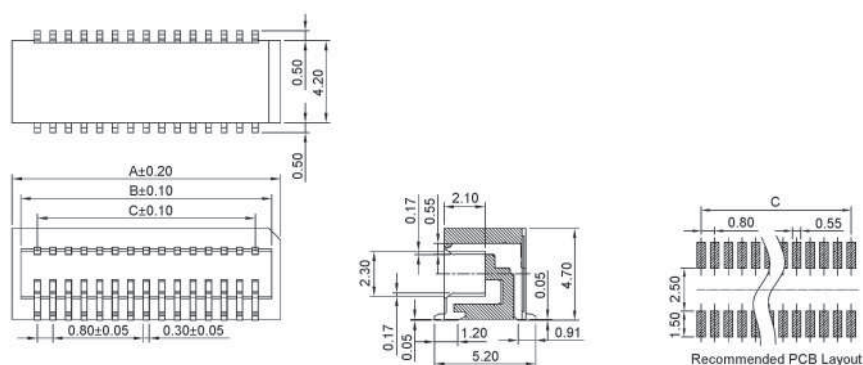
Contact: Copper alloy

Plating: Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	Dim.E (mm)	code (xx)
10	110620511RxxP	5,80	4,90	5,00	3,20	3,65	00
12	110620611RxxP	6,60	5,70	5,80	4,00	4,15	01
14	110620711RxxP	7,40	6,50	6,60	4,80	5,15	02
---	---	---	---	---	---	5,65	03
---	---	---	---	---	---	---	---
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---	---	---	---	---	---	---	---
80	110624011RxxP	33,80	32,90	33,00	31,20	---	---
90	110624511RxxP	37,80	36,90	37,00	35,20	---	---
100	110625011RxxP	41,80	40,90	41,00	39,20	---	---

xx: Select Dim.E code.

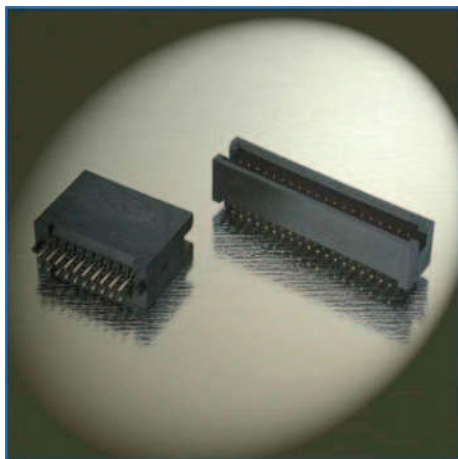


Poles	Part. No.	A (mm)	B (mm)	C (mm)
10	110720511R00P	5,80	4,90	3,20
12	110720611R00P	6,60	5,70	4,00
14	110720711R00P	7,40	6,50	4,80
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---	---	---	---	---
80	110724011R00P	33,80	32,90	31,20
90	110724511R00P	37,80	36,90	35,20
100	110725011R00P	41,80	40,90	39,20

BOARD TO BOARD CONNECTORS

Stacking connectors - p.1,27 mm

A



SPECIFICATIONS

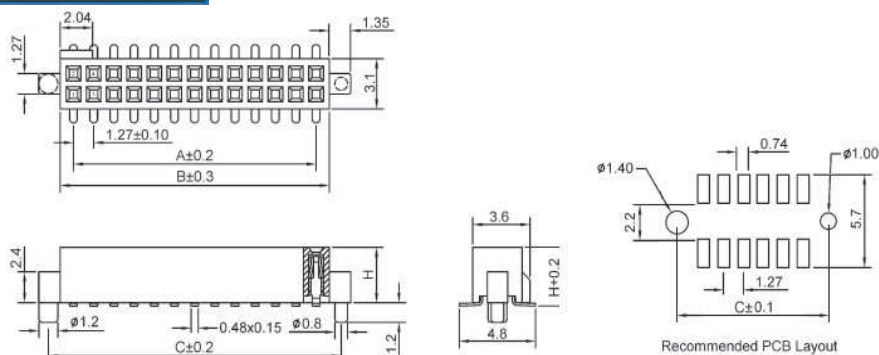
Voltage Rating: 100V AC, DC
 Current Rating: 1,0A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Contact Resistance: 20 mΩ max.
 Temperature Range: -40°C ~ +85°C

FEATURES

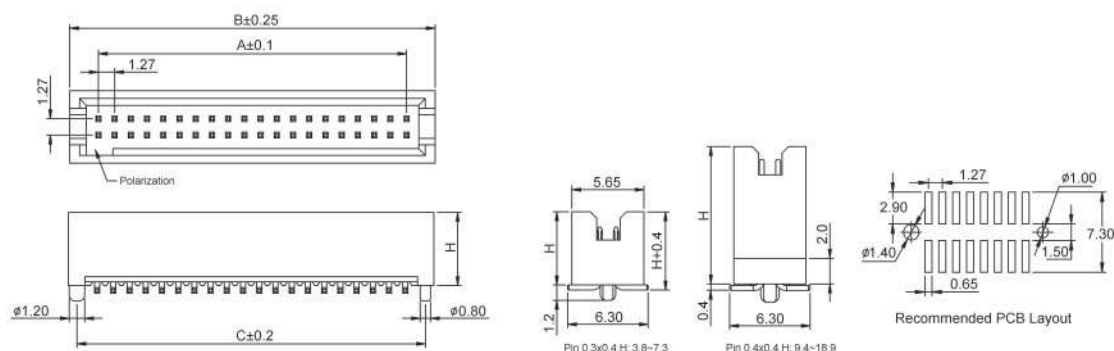
Size 04 to 100 poles
 Stacking height 6,5 to 20,0 mm
 Polarization peg for easy PCB alignment
 Packaging Tube or Tape & reel
 Vacuum pick&place cap/film optional

MATERIALS

Insulator: H.Temp. plastic, UL94V-0
 Contact: Copper alloy
 Plating: Gold over Nickel

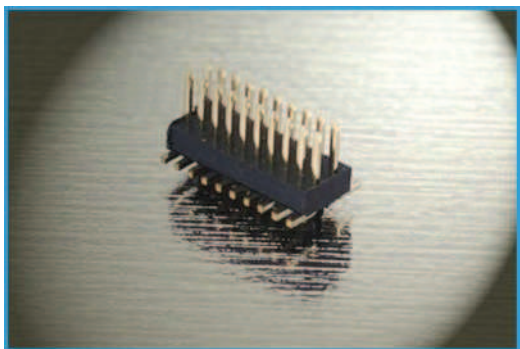


Poles	P/N H=3,4	P/N H=4,4	A (mm)	B (mm)	C (mm)
10	110820511R00P	1108205'1R01P	5,08	6,75	8,25
12	110820611R00P	1108206'1R01P	6,35	8,02	9,52
14	110820711R00P	1108207'1R01P	7,62	9,30	10,80
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
96	110823811R00P	1108238'1R01P	48,99	48,66	50,16
98	110823911R00P	1108239'1R01P	48,26	49,93	51,43
100	110824011R00P	1108240'1R01P	49,53	51,20	52,70



Poles	Part. No.	A (mm)	B (mm)	C (mm)	Code	H (mm)	Code	H (mm)
10	110920511RxxP	5,08	9,55	8,23	00	3,80	10	11,50
12	110920611RxxP	6,35	10,82	9,50	01	5,70	11	12,20
14	110920511RxxP	7,62	12,09	10,77	02	7,30	12	13,50
---	---	---	---	---	03	9,00	13	14,10
---	---	---	---	---	04	9,40	14	15,20
---	---	---	---	---	05	9,60	15	15,60
---	---	---	---	---	06	10,30	16	17,30
76	110923811RxxP	46,99	51,46	50,14	07	10,40	17	17,60
78	110923911RxxP	48,26	52,73	51,41	08	10,70	18	18,60
80	110924011RxxP	49,53	54,00	52,68	09	11,00	19	18,90

xx: Select the requested Insulator height code

**SPECIFICATIONS**

Voltage Rating: 100V AC,DC

Current Rating: 1A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 4 to 80 double row

Vacuum pick&place cap optional

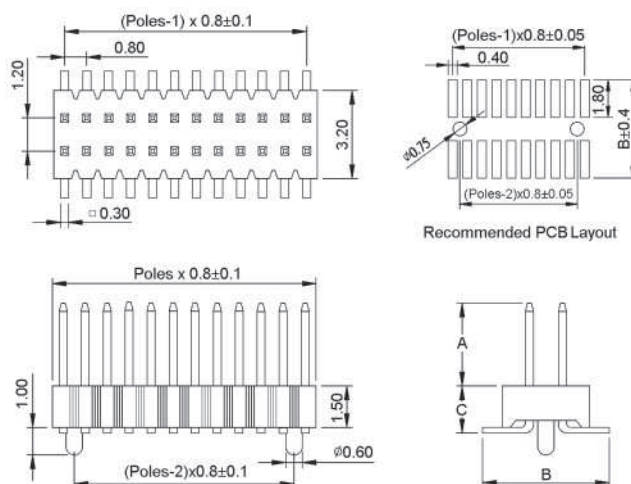
Packaging Tube or Tape&reel (optional)

MATERIAL

Insulator: Nylon 6T, UL94V-0

Contact: Copper alloy

Plating: Gold over Nickel



Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)
2-2	5869202031048*	5869202000048*	3.00	4.60	1.80
3-3	5869203031048*	5869203000048*	3.00	4.60	1.80
4-4	5869204031048*	5869204000048*	3.00	4.60	1.80

38+38	5869238031048*	5869238000048*	3.00	4.60	1.80
39+39	5869239031048*	5869239000048*	3.00	4.60	1.80
40+40	5869240031048*	5869240000048*	3.00	4.60	1.80

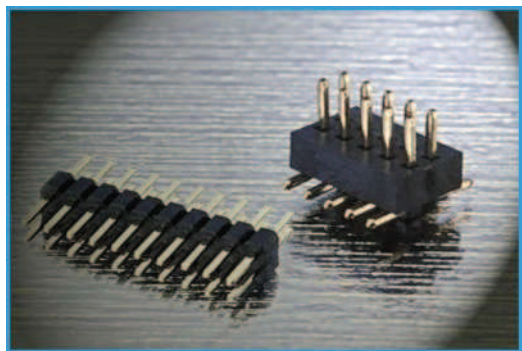
* = For plastic peg option, add. P to the Part No.

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.1,0 mm - double row THT/SMT 180°

A



SPECIFICATIONS

Voltage Rating: 100V AC,DC

Current Rating: 1A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0

Contact: Copper alloy

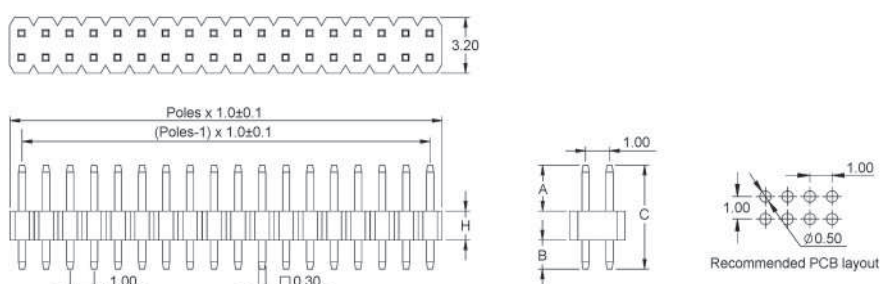
Plating: Gold over Nickel

FEATURES

Sizes 2 to 100 double row

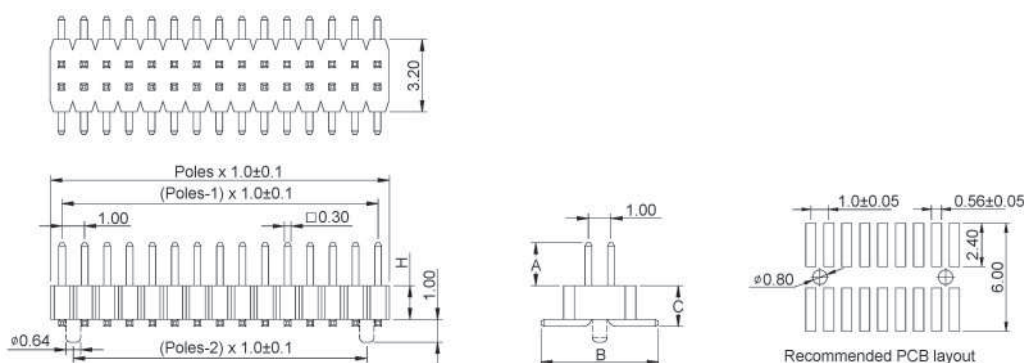
Packaging Tube or Tape&reel (optional)

Vacuum pick&place cap optional



Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5969250231041	596925020041	1.90	1.20	4.10	1.30
50+50	5969250231046	596925020046	1.90	1.20	4.60	1.50

For other pin length, please contact us.

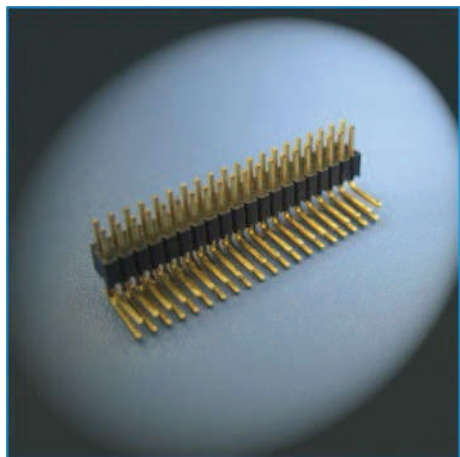


Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5969250031037*	596925000037*	1.90	5.20	1.80	1.50
50+50	5969250031032*	596925000032*	1.90	5.20	1.30	1.30

For other pin length, please contact us. - * For plastic peg option, add P to the p/n

BOARD TO BOARD CONNECTORS

Pin strip p.1,27x1,27 mm - double row THT 90/180°



SPECIFICATIONS

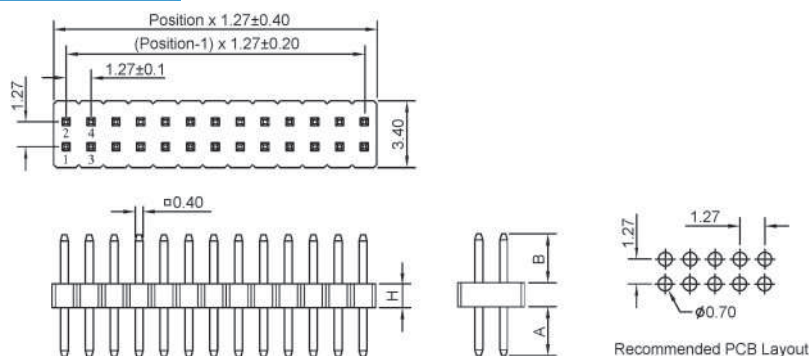
Voltage Rating: 100V AC,DC
 Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 4 to 100 double row
 Suitable for 1,57mm thick PCB
 Hand brackable
 Stackable end-to-end
 Packaging bag

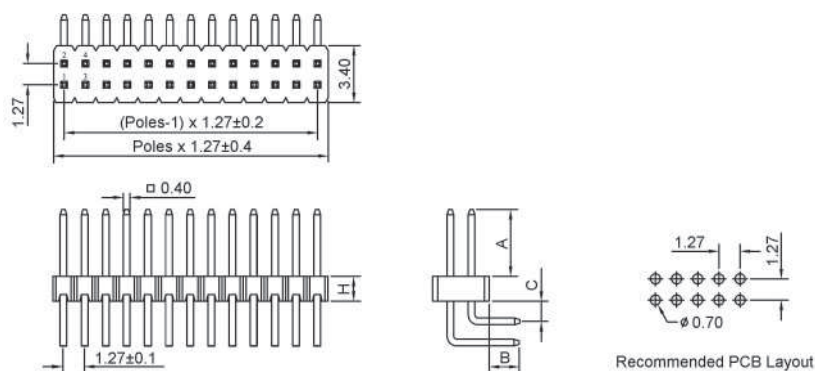
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	H (mm)
50+50	5069250231069-0	506925020069-0	2,30	4,00	0,65
50+50	5069250231071-0	506925020071-0	2,30	4,00	0,85
50+50	5069250231073-0	506925020073-0	2,30	4,00	1,00
50+50	5069250231075-0	506925020075-0	2,30	4,00	1,20
50+50	5069250231078-0	506925020078-0	2,30	4,00	1,50

For other pin length, please contact us.



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5069240931061-0	506925090061-0	4,00	2,30	2,10	1,60
50+50	5069250931065-0	506925090065-0	4,00	2,30	2,50	2,00
50+50	5069250931070-0	506925090070-0	4,00	2,30	3,00	2,50

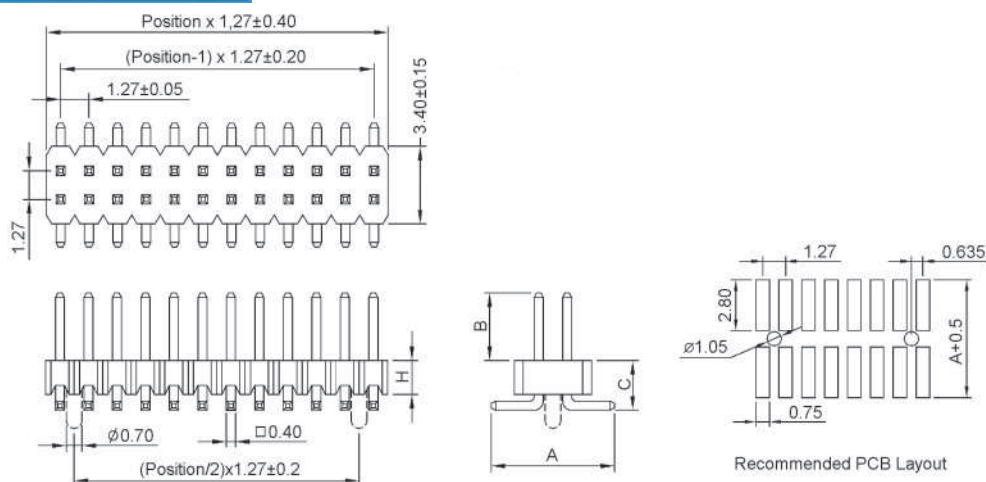
For other pin length, please contact us.

Pin strip p.1,27x1,27 mm - double row SMT 180°

Voltage Rating: 100V AC,DC
Current Rating: 1A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

Insulator: Nylon 6T, UL94V-0
Contact: Copper alloy
Plating: Gold or Tin over Nickel

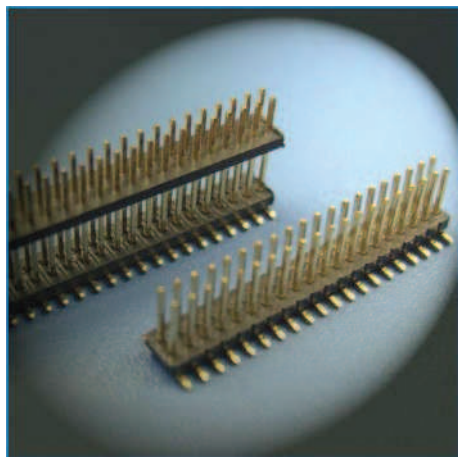
Sizes 4 to 100 double row
Hand brackable
Stackable end-to-end
Packaging bag or tube
(Tape&reel option available)
Vacuum pick&place cap optional

[illegible]

12

BOARD TO BOARD CONNECTORS

Pin strip p.1,27x1,27 mm - Double socket spacers THT 180°



SPECIFICATIONS

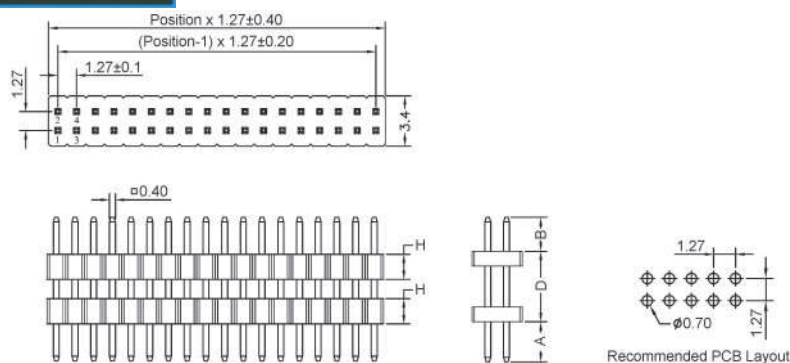
Voltage Rating: 100V AC,DC
 Current Rating: 1A AC/DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL 94V-0
 Contact: Copper alloy
 Finish: Gold or Tin over Nickel

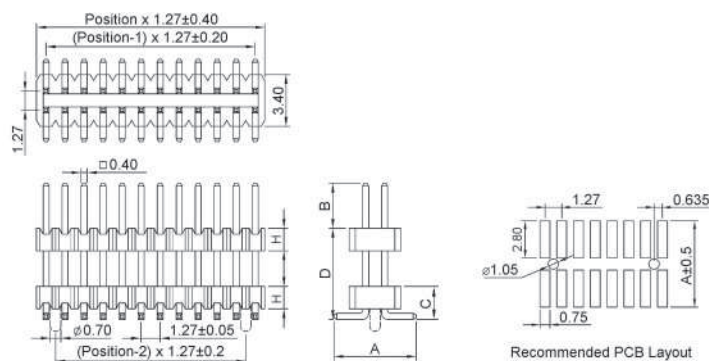
FEATURES

Sizes 4 to 100 double row
 Suitable for 1,57mm thick PCB
 Hand brackable
 Stackable end-to-end
 Packaging bag
 Tube or tape&reel available
 Vacuum pick&place cap optional



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	D (mm)	Code	H (mm)
50+50	5069250231xxxD-0*	506925020xxxD-0*	2.30	4.00	upon request	1	0.65
						2	0.85
						3	1.00
						4	1.20
						5	1.50

xxx: Fill with the total height A+B+D (mm) es. for 5,0 mm fill 050. *=Select code for plastic height.



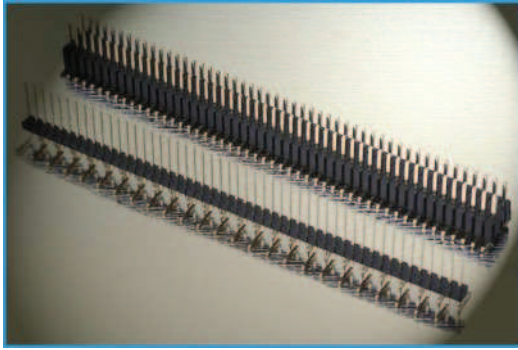
Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	D (mm)	Code	H (mm)
50+50	5069250031xxxD-0*	506925000xxxD-0*	5.50	3.00	H+0.5	upon request	1	0.65
							2	0.85
							3	1.00
							4	1.20
							5	1.50

xxx: Fill with the total height A+B+D (mm) es. for 5,0 mm fill 050. *=Select code for plastic height.

BOARD TO BOARD CONNECTORS

Pin strip p.1,27x2,54 mm - single/double row SMT 180°

A



SPECIFICATIONS

Voltage Rating: 100V AC,DC

Current Rating: 1A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 50 single row

2 to 100 double row

Hand brackable

Stackable end-to-end

Packaging tube (Tape&reel opt, available)

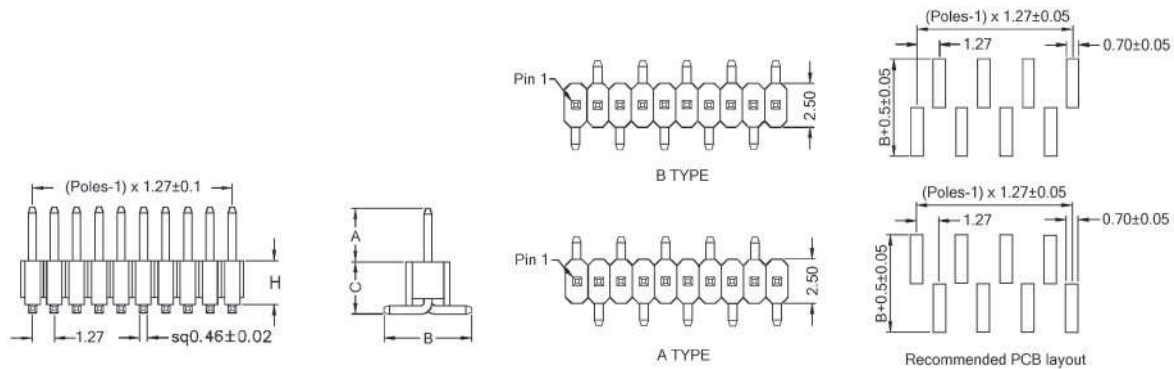
Vacuum pick&place cap optional

MATERIAL

Insulator: Nylon 6T, UL94V-0

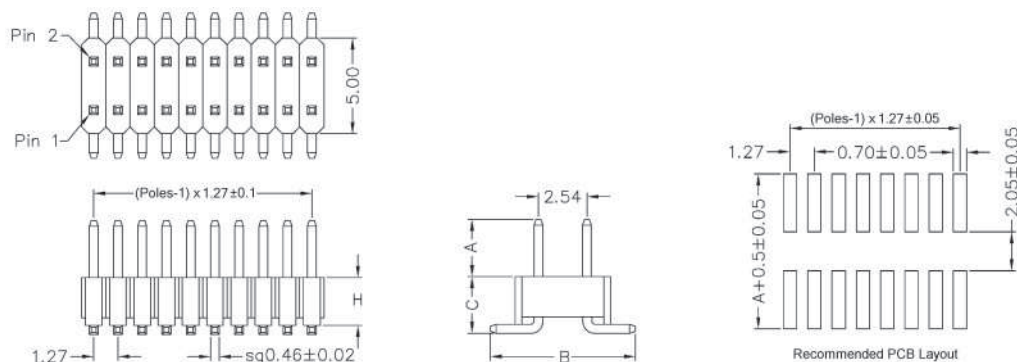
Contact: Copper alloy

Plating: Gold or Tin over Nickel



Poles	P/N Gold pl.	P/N Tin pl.	Type	A (mm)	B (mm)	C (mm)	H (mm)
50	5069150303062A	50691500062A	A	4.00	5.00	2.20	1.70
50	5069150033070A	50691500070A	A	4.00	5.00	3.00	2.50
50	5069150033062B	50691500062B	B	4.00	5.00	2.20	1.70
50	5069150033070B	50691500070B	B	4.00	5.00	3.00	2.50

For other pin length, please contact us.

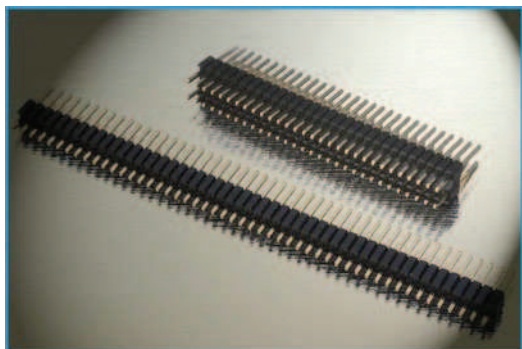


Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5069250033062	50692500062	4.00	7.20	2.20	1.70
50+50	5069250033065	50692500065	4.00	7.20	2.50	2.00
50+50	5069250033070	50692500070	4.00	7.20	3.00	2.50

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.1,27x2,54 mm - single/double row THT 180°



SPECIFICATIONS

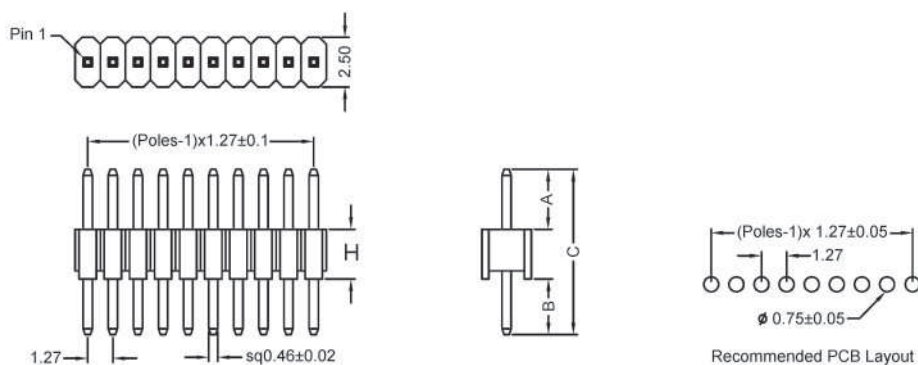
Voltage Rating: 100V AC,DC
 Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 50 single row;
 2 to 100 double row.
 Suitable for 1.57mm thick PCB
 Hand bracketable
 Stackable side-to-side and end-to-end
 Packaging bag

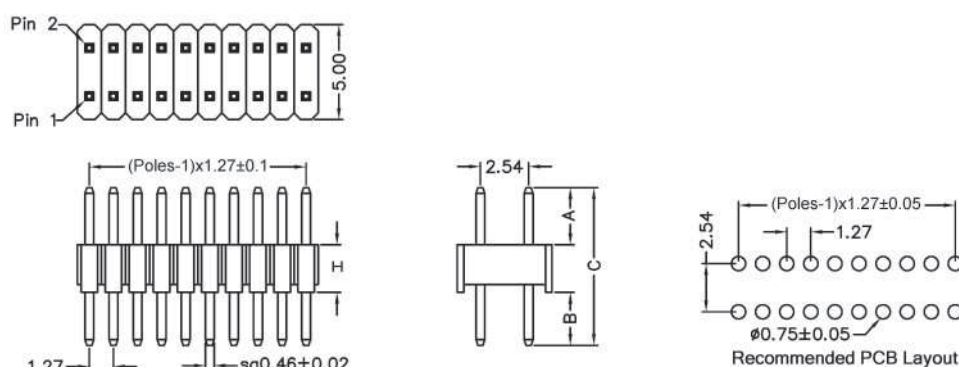
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50	5069150231071	506915020071	2,60	2,80	7,10	1,70
50	5069150231080	506915020080	2,70	2,80	8,00	2,50
50	5069150231084	506915020084	3,10	2,80	8,40	2,50

For other pin length, please contact us.



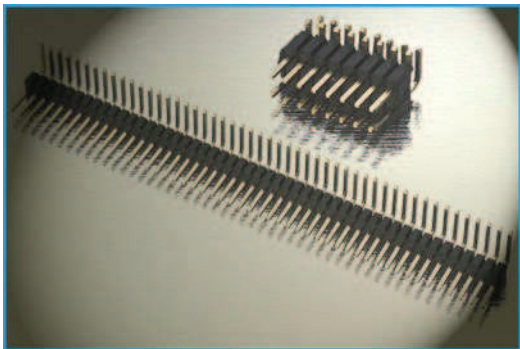
Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5069250231071	506925020071	2,60	2,80	7,10	1,70
50+50	5069250231080	506925020080	2,70	2,80	8,00	2,50
50+50	5069250231084	506925020084	3,10	2,80	8,40	2,50

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.1,27x2,54 mm - single/double row THT 90°

A



SPECIFICATIONS

Voltage Rating: 100V AC,DC

Current Rating: 1A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0

Contact: Copper alloy

Plating: Gold or Tin over Nickel

FEATURES

Sizes 1 to 50 single row

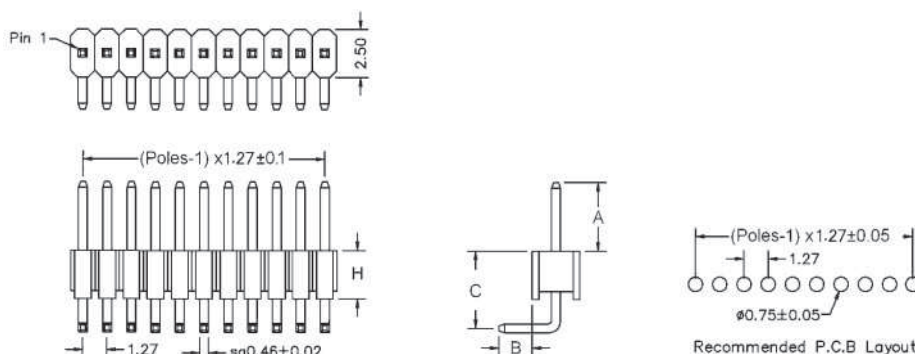
2 to 100 double row

Suitable for 1.57mm thick PCB

Hand bracketable

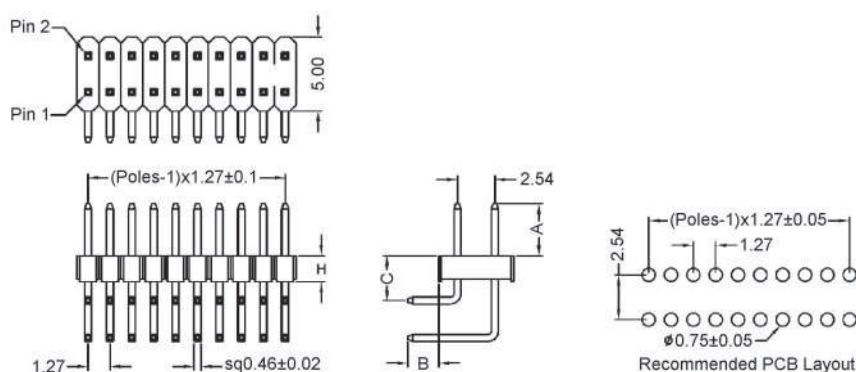
Stackable side-to-side and end-to-end

Packaging bag



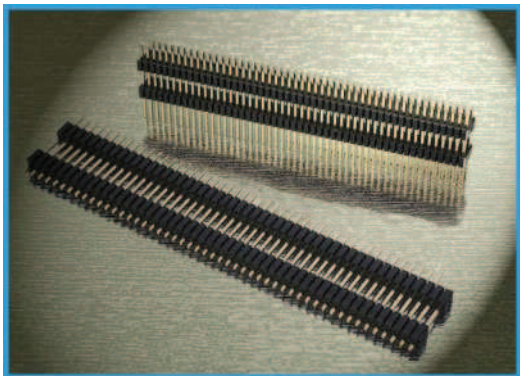
Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50	5069150931068	506915090068	2,80	2,80	4,00	2,50
50	5069150931062	506915090062	4,00	2,80	2,20	1,70
50	5069150931065	506915090065	4,00	2,80	2,50	2,30
50	5069150931070	506915090070	4,00	2,80	3,00	2,50

For other pin length, please contact us.



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
50+50	5069250931068	506925090068	2,80	2,80	4,00	2,50
50+50	5069250931062	506925090062	4,00	2,80	2,20	1,70
50+50	5069250931065	506925090065	4,00	2,80	2,50	2,30
50+50	5069250931070	506925090070	4,00	2,80	3,00	2,50

For other pin length, please contact us.

**SPECIFICATIONS**

Voltage Rating: 100V AC,DC

Current Rating: 1A AC/DC

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 50 single row

2 to 100 double row

Suitable for 1.57mm thick PCB

Hand bracketable

Stackable side-to-side and end-to-end

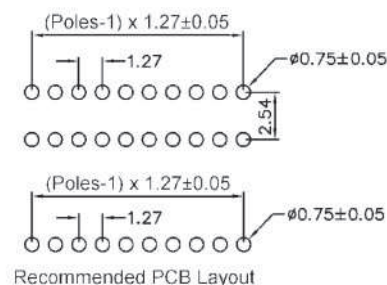
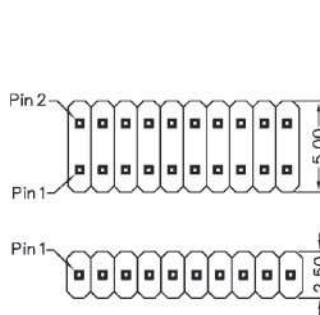
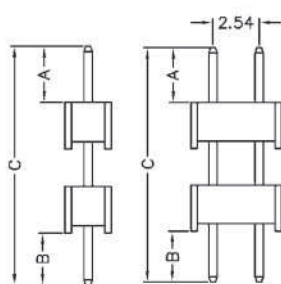
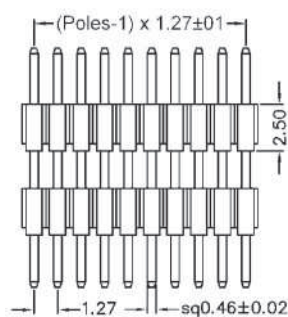
Packaging bag

MATERIAL

Insulator: PBT +30% glass fiber, UL 94V-0

Contact: Copper alloy

Finish: Gold, Tin or Selective Gold over Nickel



Poles	P/N gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)
50	5069150231118D	5069150201118D	According	2,90	11,80
50	5069150231151D	5069150201151D	to customer	2,90	15,10
50+50	5069250231118D	5069250201118D	requirements	2,90	11,80
50+50	5069250231151D	5069250201151D		2,90	15,10

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,0 mm - single/double row SMT 180°

A



SPECIFICATIONS

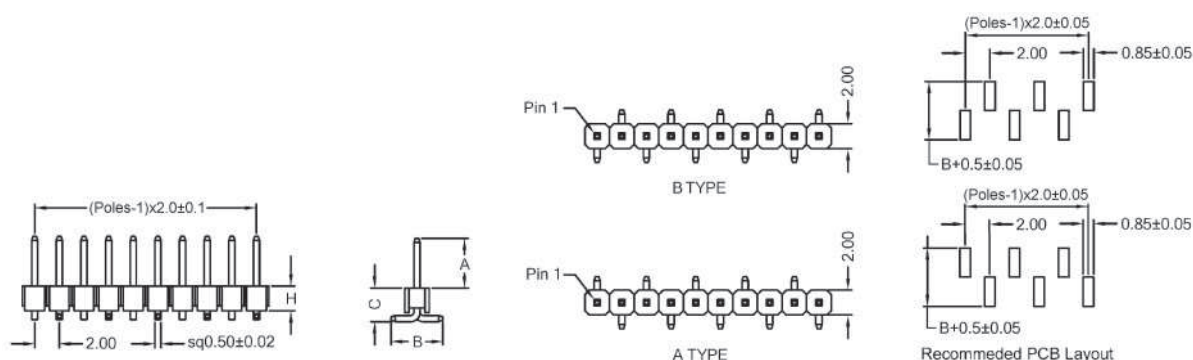
Voltage Rating: 150V AC
 Current Rating: 1,5A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel

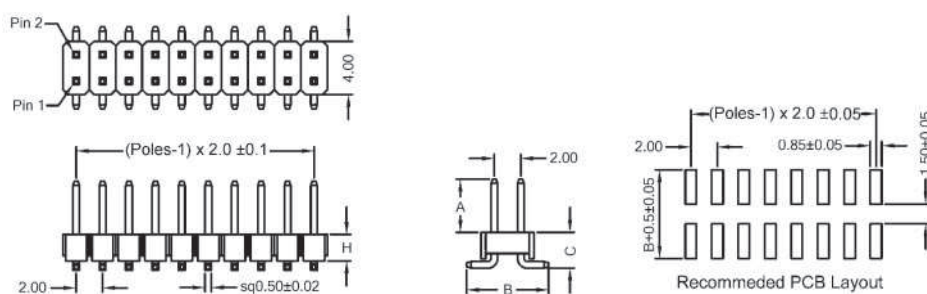
FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Suitable for 1.57mm thick PCB
 Hand brackable
 Stackable side-to-side and end-to-end
 Packaging Tube (tape&reel option available)
 Vacuum pick&place cap optional



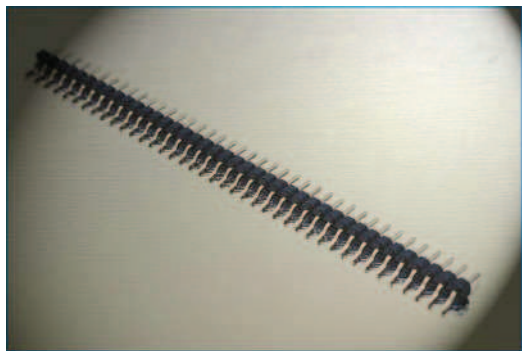
Poles	P/N Gold pl.	P/N Tin pl.	Type	A (mm)	B (mm)	C (mm)	H (mm)
40	5769140031062A	576914000062A	A	4.00	4.20	2.20	1.50
40	5769140031062B	576914000062B	B	4.00	4.20	2.20	1.50

For other pin length, please contact us.



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40+40	5769240031062	576924000062	4.00	6.50	2.20	1.50

For other pin length, please contact us.



SPECIFICATIONS

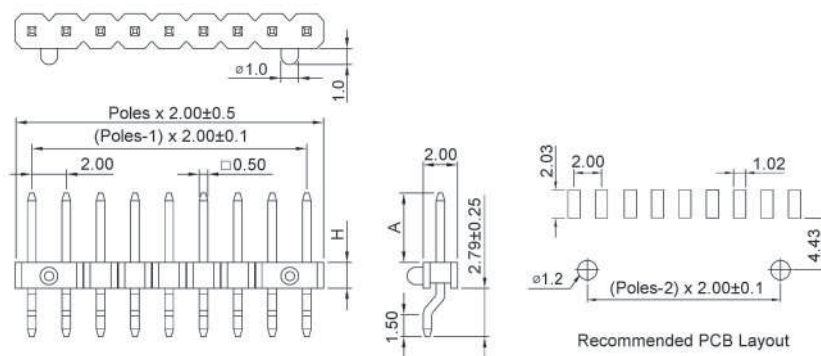
Voltage Rating: 150V AC
 Current Rating: 1,5A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel

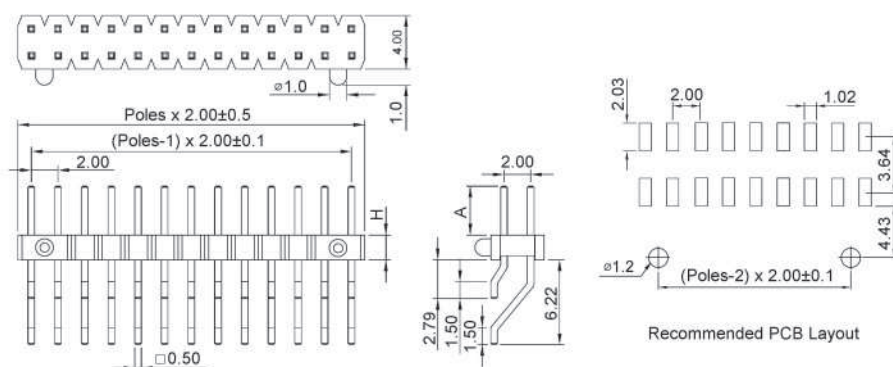
FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Suitable for 1.57mm thick PCB
 Hand brackable
 Stackable end-to-end
 Packaging Tube (tape&reel option available)
 Vacuum pick&place cap optional



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	H (mm)
40	5769140H30063	5769140HC083	4.00	1.50
40	5769140H30088	5769140HC088	4.00	2.00

For other pin length, please contact us.



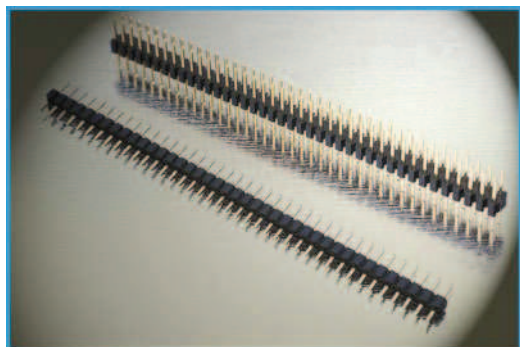
Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	H (mm)
40+40	5769240H30117	5769240HC117	4.00	1.50
40+40	5769240H30122	5769240HC122	4.00	2.00

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,0 mm - single/double row THT 180°

A



SPECIFICATIONS

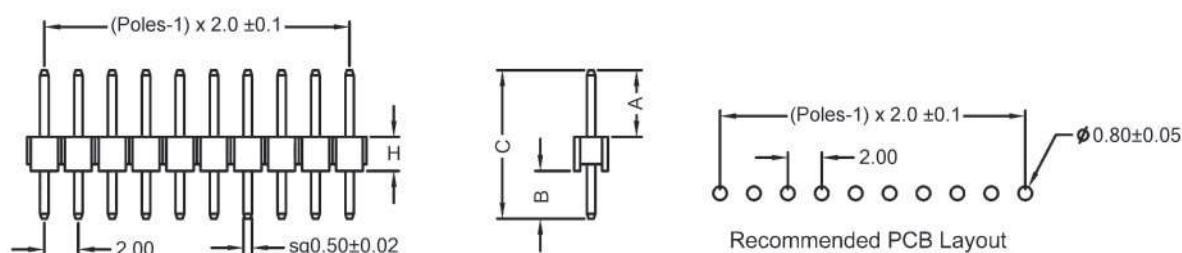
Voltage Rating: 150V AC
 Current Rating: 1,5A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -20°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Suitable for 1.57mm thick PCB
 Hand brackable
 Stackable side-to-side and end-to-end
 Packaging bag

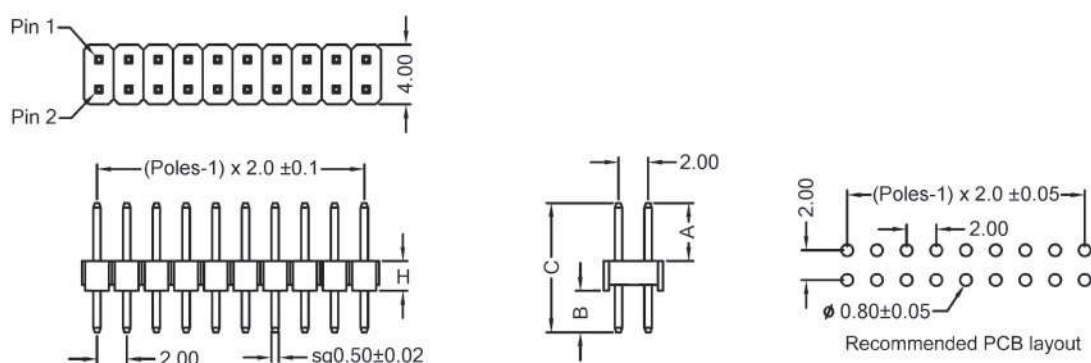
MATERIAL

Insulator: PBT, UL 94 V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40	5769140231083	576914020083	3.90	2.90	8.30	1.50

For other pin length, please contact us.



Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40+40	5769240231083	576924020083	3.90	2.90	8.30	1.50

For other pin length, please contact us.



SPECIFICATIONS

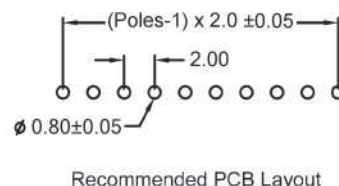
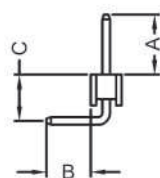
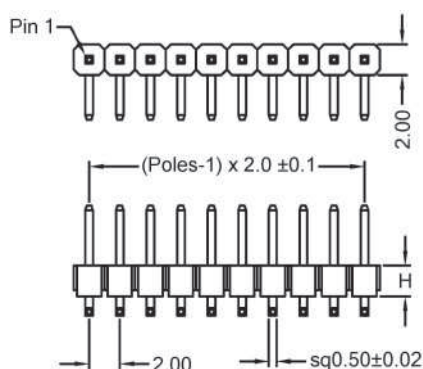
Voltage Rating: 150V AC
 Current Rating: 1,5A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -20°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Suitable for 1.57mm thick PCB
 Hand brackable
 Stackable side-to-side and end-to-end
 Packaging bag

MATERIAL

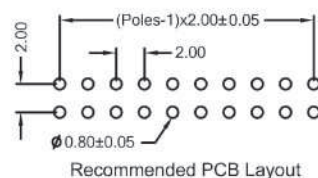
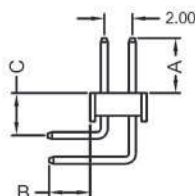
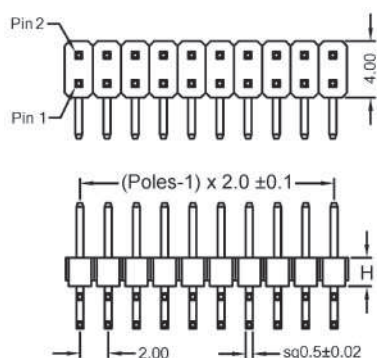
Insulator: PBT, UL 94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Recommended PCB Layout

Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40	5769140931064	576914090064	3,90	2,90	2,50	1,50
40	5769140931069	576914090069	3,90	2,90	3,00	2,00

For other pin length, please contact us.



Recommended PCB Layout

Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40+40	5769240931064	576924090064	3,90	2,90	2,50	1,50
40+40	5769240931069	576924090069	3,90	2,90	3,00	2,00

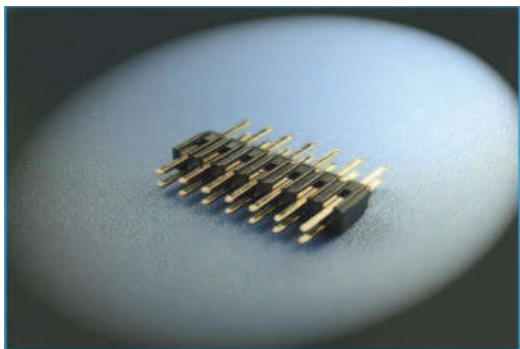
For other pin length, please contact us.

A



BOARD TO BOARD CONNECTORS

Pin strip p.2,0 mm - double row THT 90/180° base 4,3 mm



SPECIFICATIONS

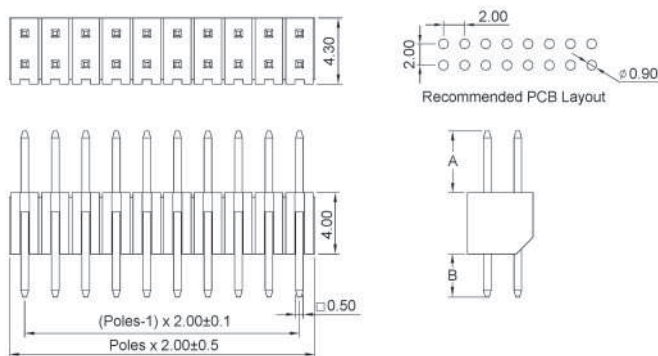
Voltage Rating: 150V AC
 Current Rating: 1,5A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -20°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 4 to 80
 Suitable for 1,57mm thick PCB
 Stackable and end-to-end
 Packaging bag

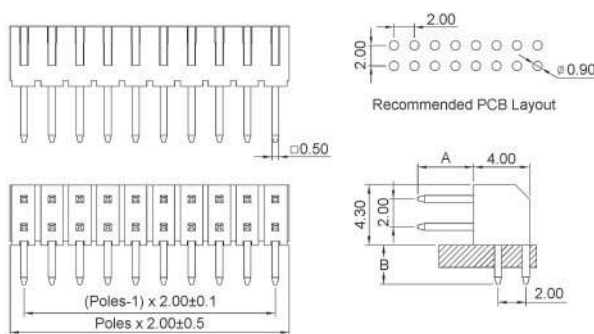
MATERIAL

Insulator: PBT, UL 94 V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)
40+40	5769240230108B43	576924020108B43	4.00	2.80

For other pin length, please contact us.



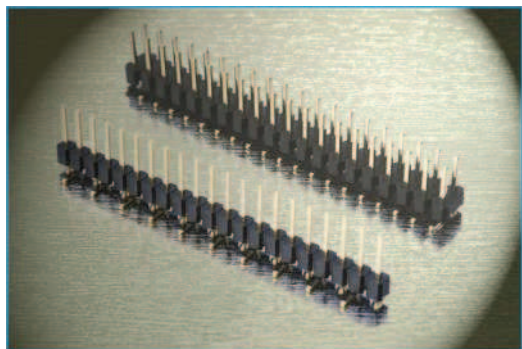
Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)
40+40	5769240830080B43	576924090C80B43	4.00	2.80

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - single/double row SMT 180°

A



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A AC,DC

Withstanding Voltage: 500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row

2 to 80 double row

Hand brackable

Stackable end-to-end

Packaging Tube (tape&reel opt, available)

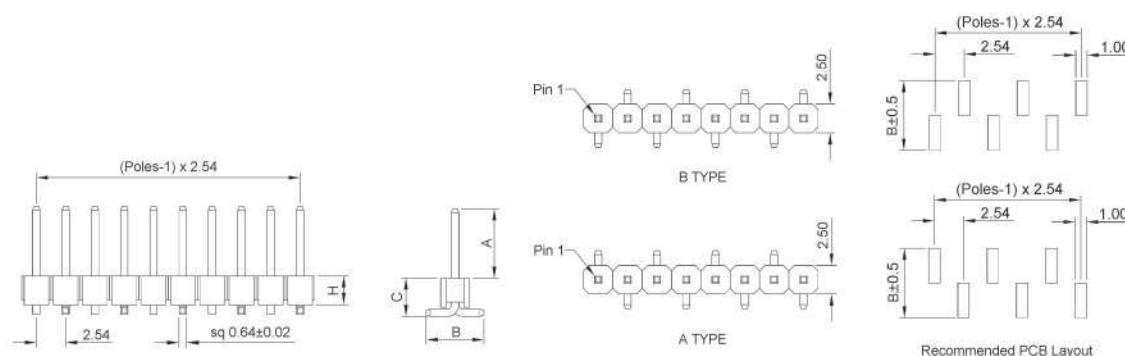
Vacuum pick&place cap/film optional

MATERIAL

Insulator: Nylon 6T, UL94V-0

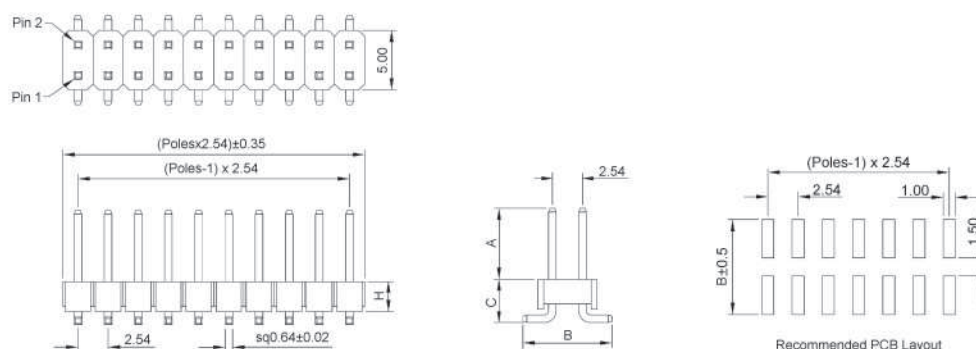
Contact: Copper alloy

Finish: Gold or Tin over Nickel



poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40	5169140031093*	51691400093*	6,00	5,00	3,30	2,50
40	5169140031085*	51691400085*	6,00	5,00	2,50	1,70
40	5169140031083*	51691400083*	6,00	5,00	2,30	1,50

*=please select A or B Type - For other pin length, please contact us.

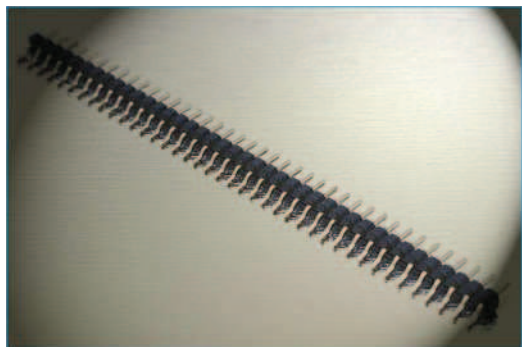


Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40+40	5169240031093	51692400093	6,00	7,50	3,30	2,50
40+40	5169240031085	51692400085	6,00	7,50	2,50	1,70
40+40	5169240031083	51692400083	6,00	7,50	2,30	1,50

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - single/double row SMT 90°



SPECIFICATIONS

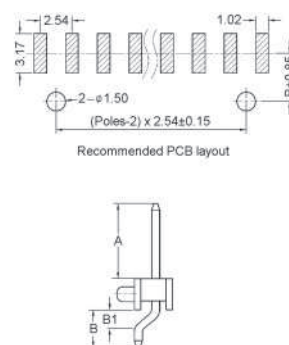
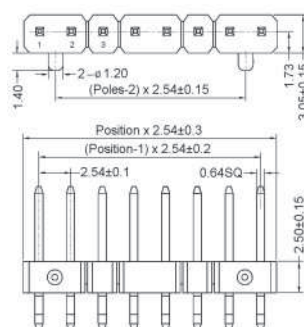
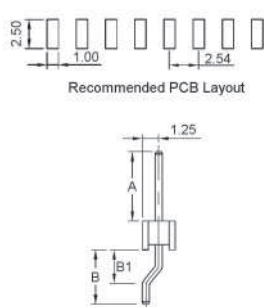
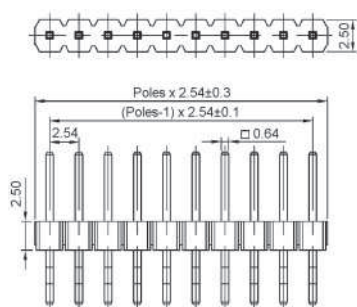
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Hand brackable
 Stackable side-to-side and end-to-end
 Packaging Tube (tape&reel option available)
 Vacuum pick&place cap/film optional

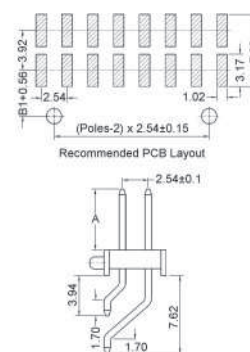
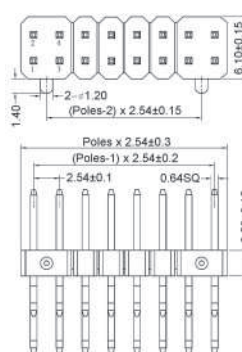
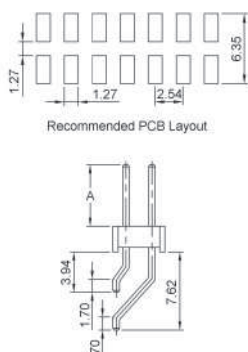
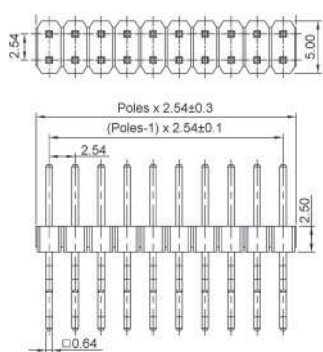
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Finish: Gold or Tin over Nickel



poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	B1 (mm)	poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	B1 (mm)
40	5169140H30121	5169140H0121	6.00	3.60	1.90	40	5169140H30115P	5169140H0115P	6.00	3.00	1.73

For other pin length, please contact us.



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	Poles	P/N Gold pl.	P/N Tin pl.	A (mm)
40+40	5169240H30161	5169240H0161	6.00	40+40	5169240H30161P	5169240H0161P	6.00

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - single/double row THT 180°

A



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row

2 to 80 double row

Suitable for 1.57mm thick PCB

Hand brackable

Stackable side-to-side and end-to-end

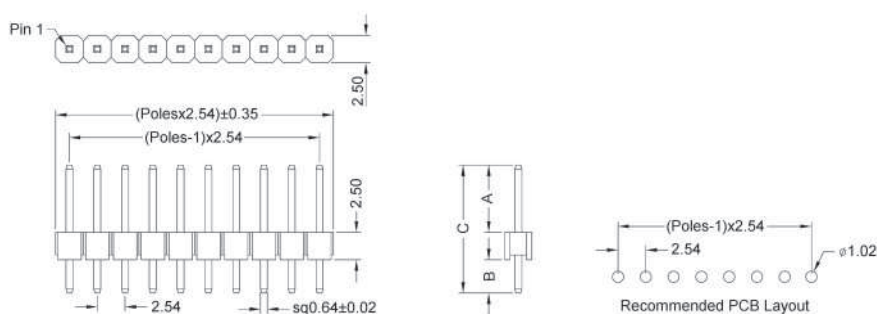
Packaging bag

MATERIAL

Insulator: G.F. PBT, UL94V-0

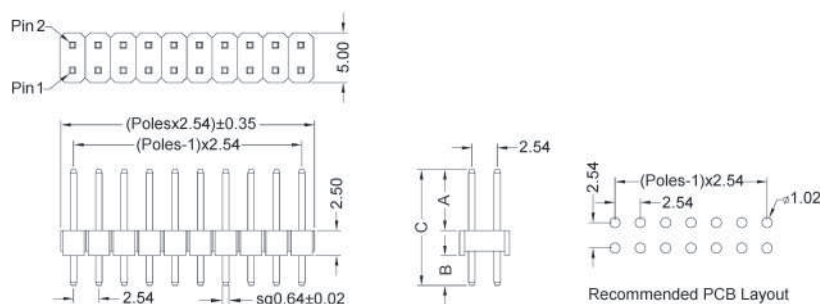
Contact: Copper alloy

Finish: Gold or Tin over Nickel



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)
40	5169140231111	516914020111	5.80	2.90	11.10	40	5169140231300	516914020300	24.50	2.90	30.00
40	5169140231116	516914020116	6.10	2.90	11.80	40	5169140231360	516914020360	30.50	2.90	36.00
40	5169140231124	516914020124	6.90	2.90	12.40						
40	5169140231135	516914020135	8.00	2.90	13.50						
40	5169140231145	516914020145	9.00	2.90	14.50						
40	5169140231165	516914020165	11.00	2.90	16.50						
40	5169140231180	516914020180	12.50	2.90	18.30						
40	5169140231196	516914020196	14.10	2.90	19.80						
40	5169140231210	516914020210	15.50	2.90	21.30						
40	5169140231260	516914020260	20.50	2.90	26.30						

For other pin length, please contact us.



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)	Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	C (mm)
40+40	5169240231111	516924020111	5.50	2.90	11.10	40+40	5169240231300	516924020300	24.50	2.90	30.00
40+40	5169240231116	516924020116	6.10	2.90	11.80	40+40	5169240231360	516924020360	30.50	2.90	36.00
40+40	5169240231124	516924020124	6.90	2.90	12.40						
40+40	5169240231135	516924020135	8.00	2.90	13.50						
40+40	5169240231145	516924020145	9.00	2.90	14.50						
40+40	5169240231165	516924020165	11.00	2.90	16.50						
40+40	5169240231180	516914020180	12.50	2.90	18.30						
40+40	5169240231196	516924020196	14.10	2.90	19.80						
40+40	5169240231210	516924020210	15.50	2.90	21.30						
40+40	5169240231260	516924020260	20.50	2.90	26.30						

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - single/double row THT 90°



SPECIFICATIONS

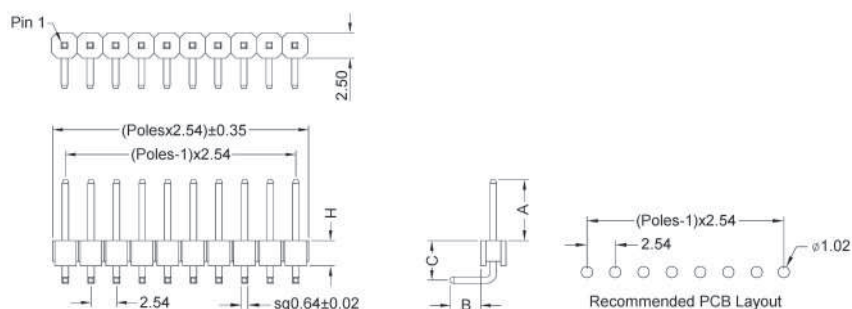
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row
 2 to 80 double row
 Hand brackable
 Stackable side-to-side and end-to-end
 Packaging bag

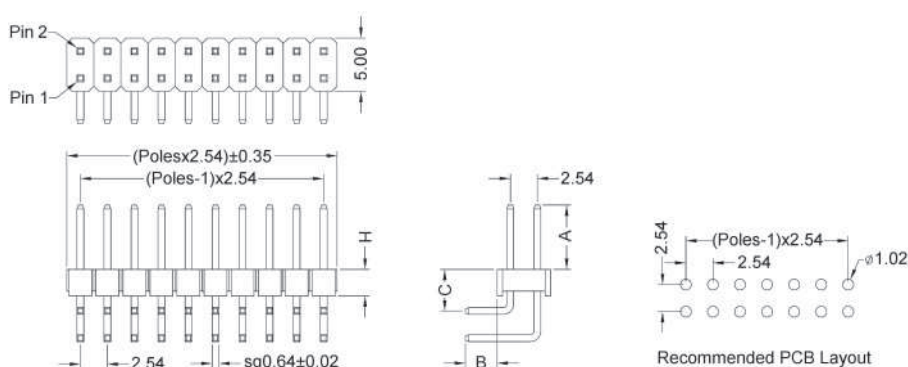
MATERIAL

Insulator: G.F. PBT, UL94V-0
 Colour : Copper alloy
 Finish: Gold or Tin over Nickel



Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40	5169140931100	516914090100	6,00	2,90	4,0	2,50
40	5169140931104	516914090124	6,40	2,90	4,0	2,50

For other pin length, please contact us.



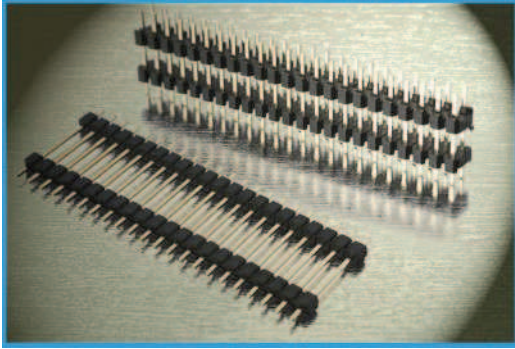
Poles	P/N Gold pl	P/N Tin pl.	A (mm)	B (mm)	C (mm)	H (mm)
40+40	5169240931100	516924090100	6,00	2,90	4,00	2,50
40+40	5169240931104	516924090104	6,40	2,90	4,00	2,50

For other pin length, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - Double socket spacers THT 180°

A



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Finish: Gold or Tin over Nickel

FEATURES

Sizes 1 to 40 single row;

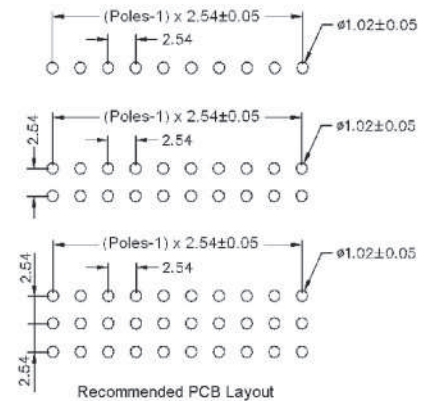
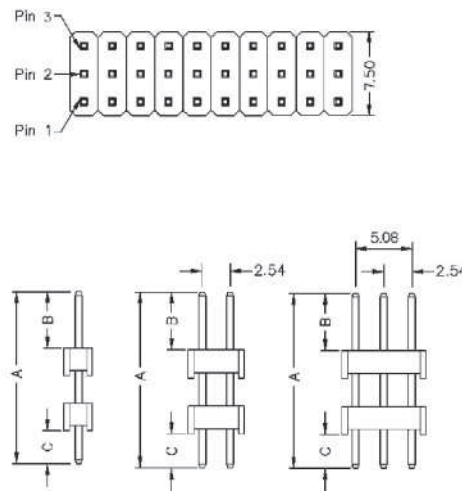
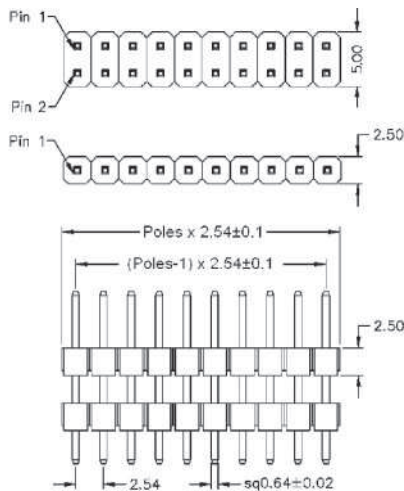
2 to 80 double row.

Suitable for 1.57mm thick PCB

hand brackable

Stackable side-to-side and end-to-end

Packaging bag



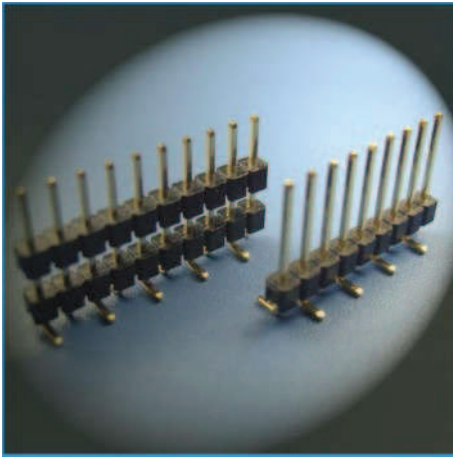
Poles x row	Part.No. 1 row	Part.No. 2 row	Part.No. 3 row	A(mm)	B(mm)	C(mm)
40	51691402xx111D	51692402xx111D	51693402xx111D	11.1		2.9
40	51691402xx116D	51692402xx116D	51693402xx116D	11.6		2.9
40	51691402xx124D	51692402xx124D	51693402xx124D	12.4		2.9
40	51691402xx135D	51692402xx135D	51693402xx135D	13.5		2.9
40	51691402xx145D	51692402xx145D	51693402xx145D	14.5		
40	51691402xx165D	51692402xx165D	51693402xx165D	16.5	According to customer requirements	
40	51691402xx180D	51692402xx180D	51693402xx180D	18.0		
40	51691402xx196D	51692402xx196D	51693402xx196D	19.6		
40	51691402xx210D	51692402xx210D	51693402xx210D	21.0		
40	51691402xx260D	51692402xx260D	51693402xx260D	26.0		
40	51691402xx300D	51692402xx300D	51693402xx300D	30.0		
40	51691402xx360D	51692402xx360D	51693402xx360D	36.0		

XX:31= Gold plated ; xx:0= Tin plated

For other pin legth, please contact us.

BOARD TO BOARD CONNECTORS

Pin strip p.2,54 mm - Double socket spacers SMT 180°



SPECIFICATIONS

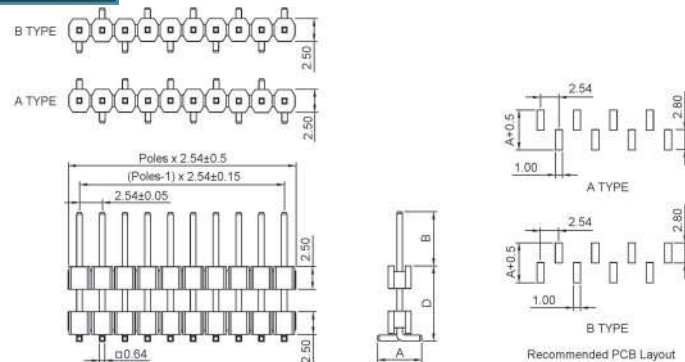
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 1 to 40 single row;
 2 to 80 double row,
 Suitable for 1.57mm thick PCB
 hand brackable
 Stackable side-to-side and end-to-end
 Packaging Tube (tape&reel option available)

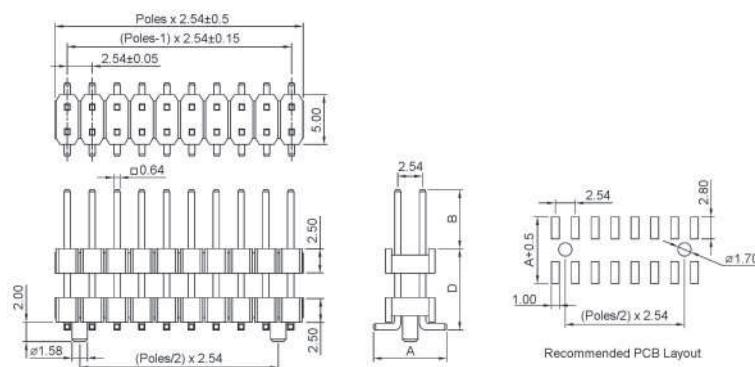
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Finish: Gold or Tin over Nickel



Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	D (mm)
40	5169140031xxxD	51691400xxxD	6.00	5.00	Upon request

xxx: Fill with the requested height (mm) es. for 5,0 mm fill 050. For other pin height, please contact us.



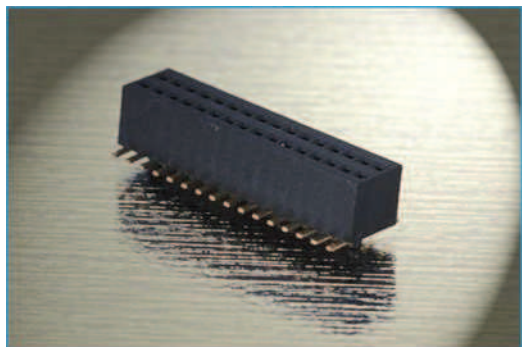
Poles	P/N Gold pl.	P/N Tin pl.	A (mm)	B (mm)	D (mm)
40+40	5169240031xxxD*	516924000xxxD*	6.00	7.50	Upon request

xxx: Fill with the requested height (mm) es. for 5,0 mm fill 050. *For plastic peg option, add, P to the Part No.

BOARD TO BOARD CONNECTORS

PCB female header p.0,8 mm - double row H=3.1 mm SMT 180°

A



SPECIFICATIONS

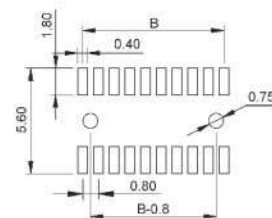
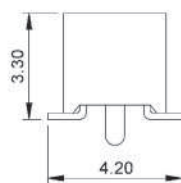
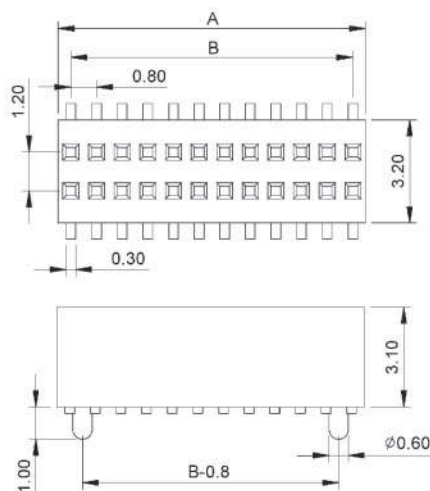
Voltage Rating: 100V AC,DC
 Current Rating: 1A max.
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold over Nickel

FEATURES

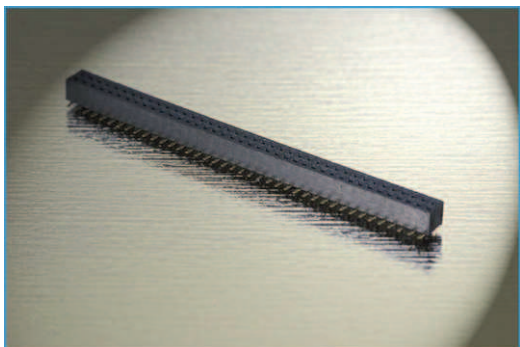
Sizes 4 to 100 double row
 Mate with 0,3 mm square pin
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)
2-2	96202030-B*	1,60	0,80
3-3	96203030-B*	3,20	1,60
4-4	96204030-B*	4,80	2,40
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---	---	---	---
---	---	---	---
48+48	96248030-B*	38,40	37,60
49+49	96249030-B*	39,20	38,40
50+50	96250030-B*	40,00	39,20

*= For plastic peg option, add. P to the Part No.

**SPECIFICATIONS**

Voltage Rating: 100 V AC,DC

Current Rating: 1A max.

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 4 to 100 double row

Mate with 0,3 mm square pin

Packaging Tube or Tape & reel

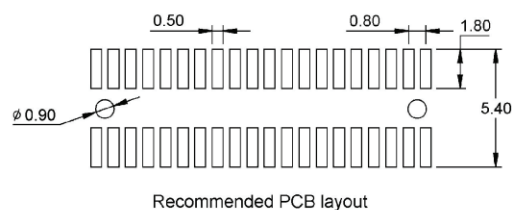
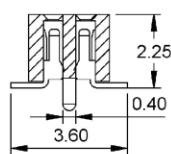
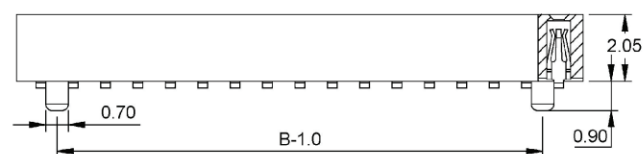
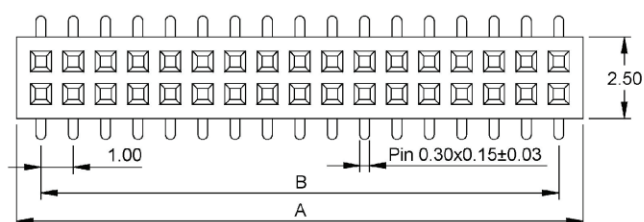
Vacuum pick&place cap optional

MATERIAL

Insulator: Nylon 6T, UL94V-0

Contact: Phosphor bronze

Plating: Gold over Nickel



Recommended PCB layout

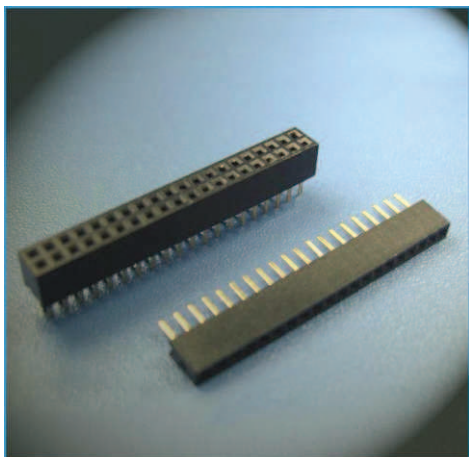
Poles	Part. No.	A (mm)	B (mm)
2+2	96202030-9*	2.40	1.00
3+3	96203030-9*	3.40	2.00
4+4	96204030-9*	4.40	3.00
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48+48	96248030-9*	48.40	48.00
49+49	96249030-9*	49.40	49.00
50+50	96250030-9*	50.40	50.00

*For plastic peg option, add, P to the Part No.

BOARD TO BOARD CONNECTORS

PCB female header p.1,27x1,27 mm - single/double THT 90/180°

A



SPECIFICATIONS

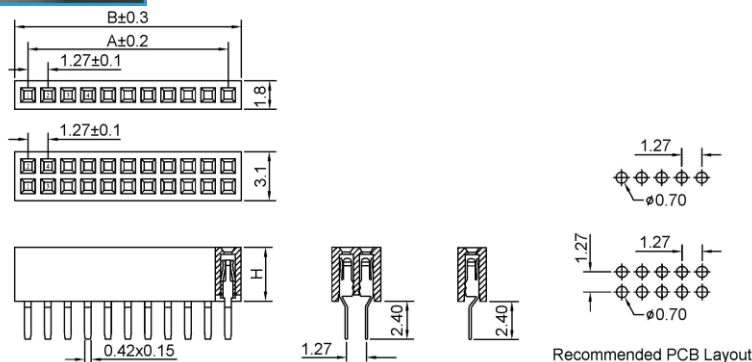
Voltage Rating: 100V, AC,DC
 Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 50 single row
 4 to 100 dual row
 Mate with 0.40 mm square pin
 Suitable for 1.57mm thick PCB
 Packaging plastic tray or tube

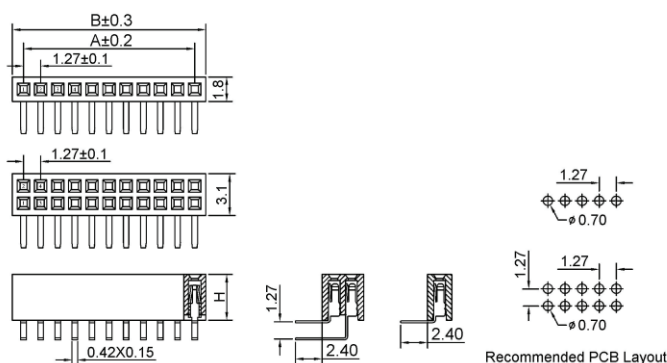
MATERIAL

Insulator: Nylon 6T, UL 94V-0
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel



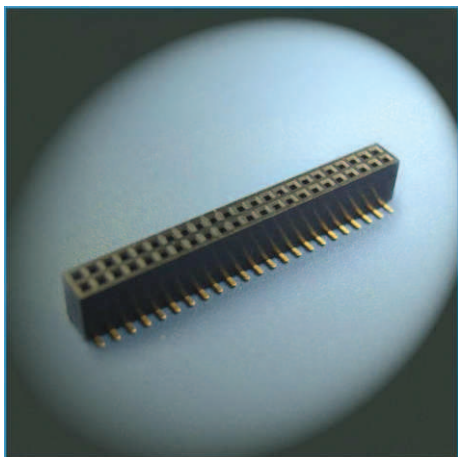
Poles x row	P/N 1 row	P/N 2 row	A (mm)	B (mm)	H (mm)
50	961502xx-0020	962502xx-0020	62.23	63.80	2.00
50	961502xx-0034	962502xx-0034	62.23	63.80	3.40
50	961502xx-0044	962502xx-0044	62.23	63.80	4.40

xx:30= Gold plated ; xx:0= Tin plated



Poles x row	P/N 1 row	P/N 2 row	A (mm)	B (mm)	H (mm)
50	961509xx-0034	962509xx-0034	62.23	63.80	3.40
50	961509xx-0044	962509xx-0044	62.23	63.80	4.40

xx:30= Gold plated ; xx:0= Tin plated



SPECIFICATIONS

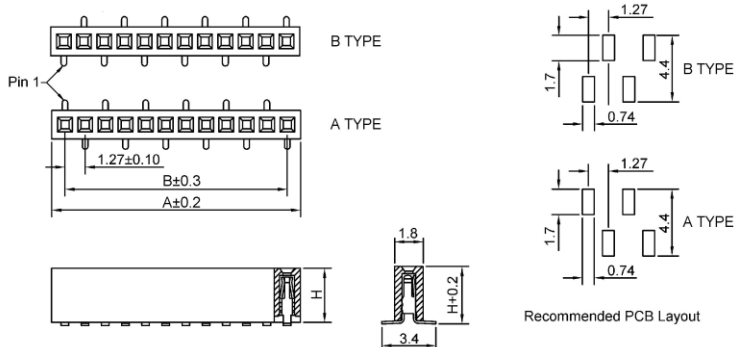
Voltage Rating: 100V, AC,DC
 Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 50 single row
 4 to 100 dual row
 Suitable for 1.57mm thick PCB
 Mate with 0.40 mm square pin
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional

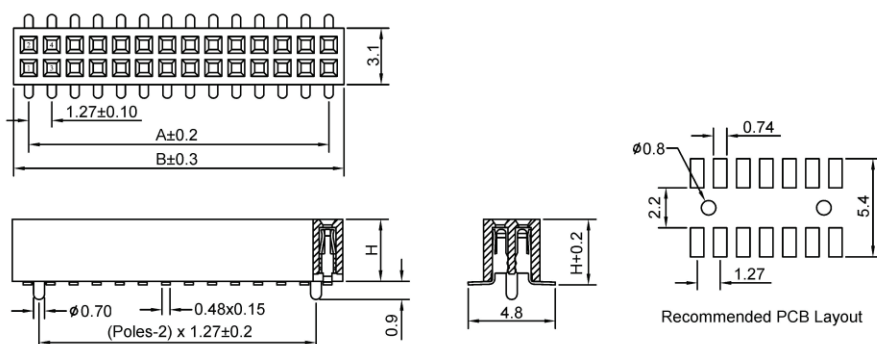
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel



Poles	P/N A Type	P/N B Type	A (mm)	B (mm)	H (mm)
50	961500xx-0020A	961500xx-0020B	62.23	63.90	2.00
50	961500xx-0034A	961500xx-0034B	62.23	63.90	3.40
50	961500xx-0044A	961500xx-0044B	62.23	63.90	4.40

xx:30= Gold plated ; xx:0= Tin plated



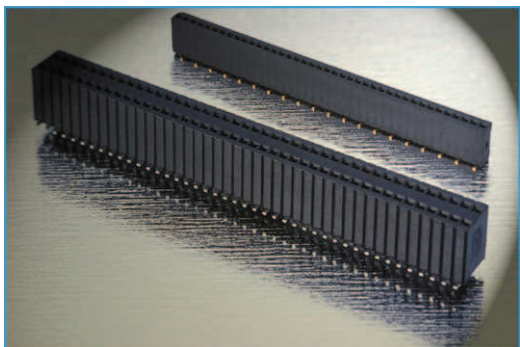
Poles	Part. No.	A (mm)	B (mm)	H (mm)
50+50	962500xx-0020*	62.23	63.90	2.00
50+50	962500xx-0034*	62.23	63.90	3.40
50+50	962500xx-0044*	62.23	63.90	4.40

xx:30= Gold plated ; xx:0= Tin plated ; *= For plastic peg option, add. P to the Part. No.

BOARD TO BOARD CONNECTORS

PCB female header p.1,27x2,54 mm - single row H=5.8mm SMT 180°

A



SPECIFICATIONS

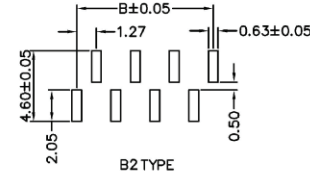
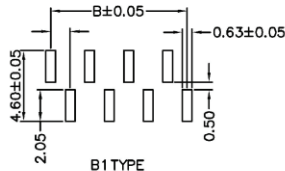
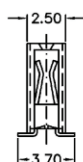
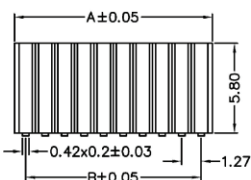
Voltage Rating: 100V, AC,DC
Current Rating: 1A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 50 single row
4 to 100 dual row
Suitable for 1.57mm thick PCB
Packaging Tube or Tape & reel
Vacuum pick&place cap optional

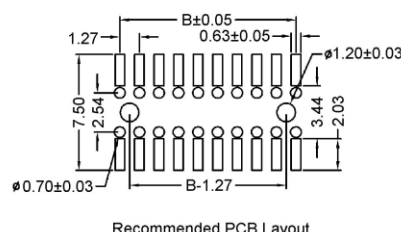
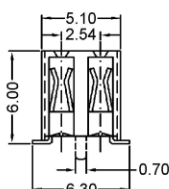
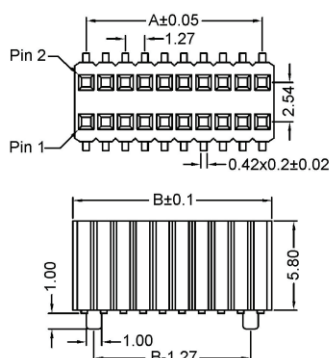
MATERIAL

Insulator: Nylon 6T, UL94V-0
Contact: Phosphor bronze
Plating: Gold or Tin over Nickel



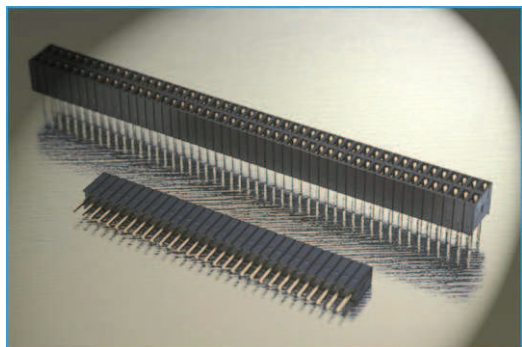
Poles	Part. No.B1	Part. No.B2	A (mm)	B (mm)
2	961020xx-0B1	961020xx-0B2	2.74	1.27
3	961030xx-0B1	961030xx-0B2	4.01	2.54
4	961040xx-0B1	961040xx-0B2	5.28	3.81
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---	---	---	---	---
48	961480xx-0B1	961480xx-0B2	61.16	59.69
49	961490xx-0B1	961490xx-0B2	62.43	60.96
50	961500xx-0B1	961500xx-0B2	63.70	62.23

xx:30= Gold plated ; xx:0= Tin plated



Poles	Part. No.	A (mm)	B (mm)
2+2	962020xx-0*	2.74	1.27
3+3	962030xx-0*	4.01	2.54
4+4	962040xx-0*	5.28	3.81
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---	---	---	---
---	---	---	---
48+48	962480xx-0*	61.16	59.69
49+49	962490xx-0*	62.43	60.96
50+50	962500xx-0*	63.70	62.23

xx:30= Gold plated ; xx:0= Tin plated ; *= For plastic peg option, add. W to the Part No.

**SPECIFICATIONS**

Voltage Rating: 100V, AC,DC

Current Rating: 1A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 50 single row

4 to 100 dual row

Suitable for 1.57mm thick PCB

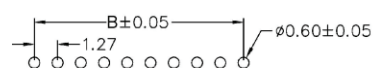
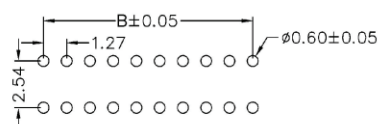
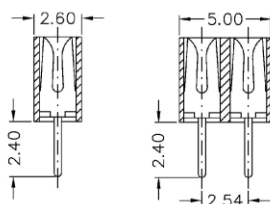
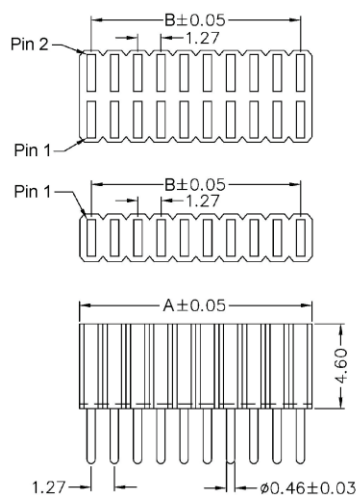
Packaging plastic tray or tube

MATERIAL

Insulator: Nylon 6T, UL 94V-0

Contact: Phosphor bronze

Plating: Gold or Tin over Nickel



Recommended PCB Layout

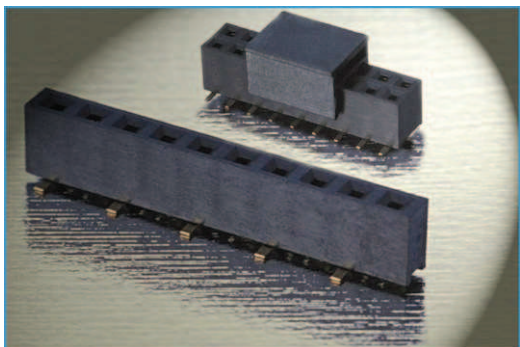
Poles x row	Part.No. 1 row	Part.No. 2 row	A (mm)	B (mm)
2	96102xx-0	96202xx-0	2.54	1.27
3	96103xx-0	96203xx-0	3.81	2.54
4	96104xx-0	96204xx-0	5.08	3.81
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48	96148xx-0	96248xx-0	60.96	59.69
49	96149xx-0	96249xx-0	62.23	60.96
50	96150xx-0	96250xx-0	63.50	62.23

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,0 mm - single row H=4.3 mm SMT 180°

A



SPECIFICATIONS

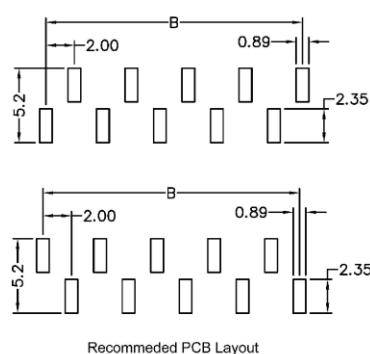
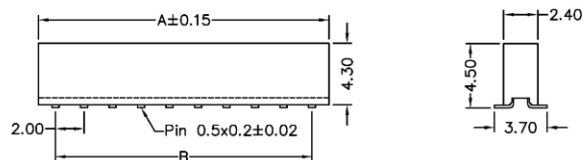
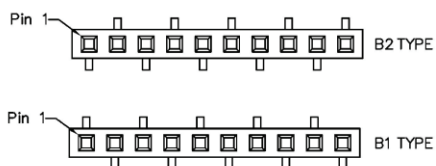
Voltage Rating: 150V AC, DC
Current Rating: 1.5A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row
4 to 80 double row
Mate with 0,5 mm square pin
Packaging Tube or Tape & reel
Vacuum pick&place cap optional

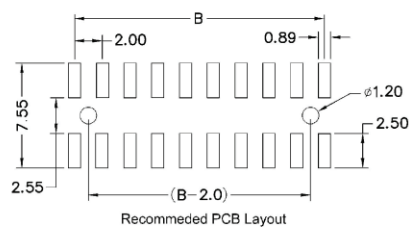
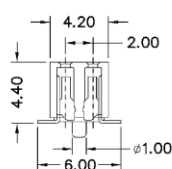
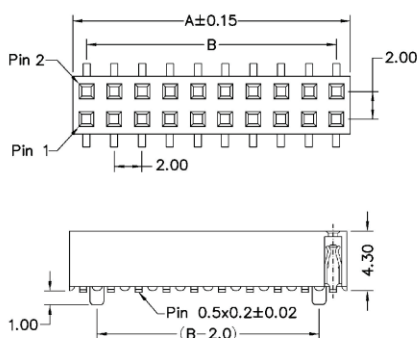
MATERIAL

Insulator: Nylon 66, UL 94V-0
Contact: Phosphor bronze
Plating: Gold or Tin over Nickel



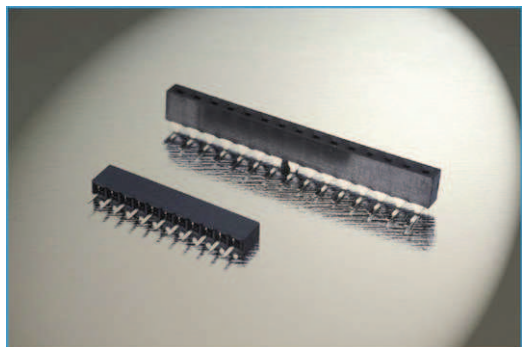
Poles	Part. No.	Part. No.	A (mm)	B (mm)
2	961020xx-2B1	961020xx-2B2	4.00	2.00
3	961030xx-2B1	961030xx-2B2	6.00	4.00
4	961040xx-2B1	961040xx-2B2	8.00	6.00
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---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
38	961380xx-2B1	961380xx-2B2	76.00	74.00
39	961390xx-2B1	961390xx-2B2	78.00	76.00
40	961400xx-2B1	961400xx-2B2	80.00	78.00

xx:30= Gold plated ; xx:0= Tin plated



Poles	Part. No.	A (mm)	B (mm)
2+2	962020xx-2*	4.00	2.00
3+3	962030xx-2*	6.00	4.00
4+4	962040xx-2*	8.00	6.00
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---	---	---	---
---	---	---	---
38+38	962380xx-2*	76.00	74.00
39+39	962390xx-2*	78.00	76.00
40+40	962400xx-2*	80.00	78.00

xx:30= Gold plated ; xx:0= Tin plated;*= For plastic peg option, add. P to the Part No.

**SPECIFICATIONS**

Voltage Rating: 150V AC, DC

Current Rating: 1.5A max.

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row

Suitable for 1.57mm thick PCB

Mate with 0,5 mm square pin

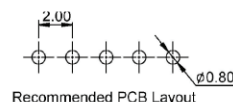
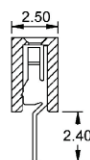
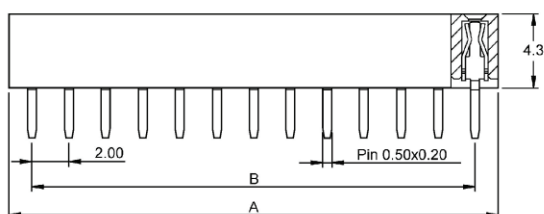
Packaging plastic tray or tube

MATERIAL

Insulator: PBT, UL 94 V-0

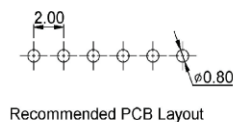
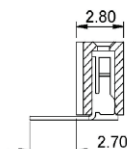
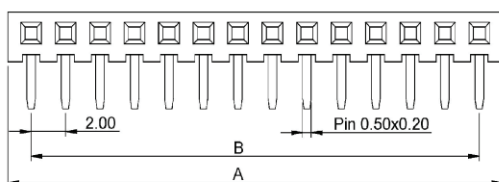
Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)
2	961022xx-2	4.00	2.00
3	961032xx-2	6.00	4.00
4	961042xx-2	8.00	6.00
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
38	961382xx-2	76.00	74.00
39	961392xx-2	78.00	76.00
40	961402xx-2	80.00	78.00

xx:30= Gold plated ; xx:0= Tin plated



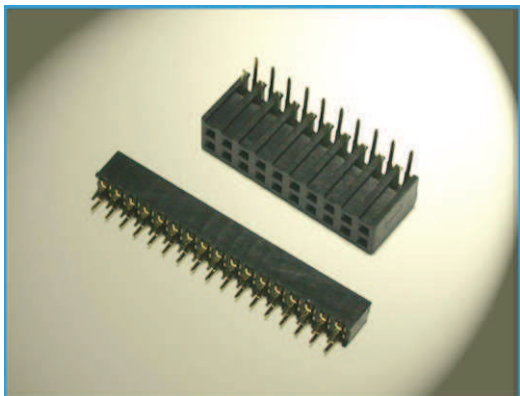
Poles	Part. No.	A (mm)	B (mm)
2	961029xx-2	6.50	2.00
3	961039xx-2	8.50	4.00
4	961049xx-2	10.50	6.00
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---	---	---	---
---	---	---	---
---	---	---	---
38	961389xx-2	76.50	74.00
39	961399xx-2	78.50	76.00
40	961409xx-2	80.50	78.00

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,0 mm - double row H=4.3/4.85mm THT 90°/180°

A



SPECIFICATIONS

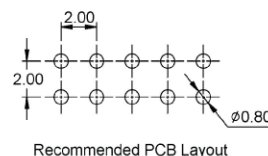
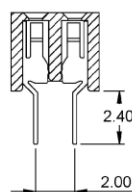
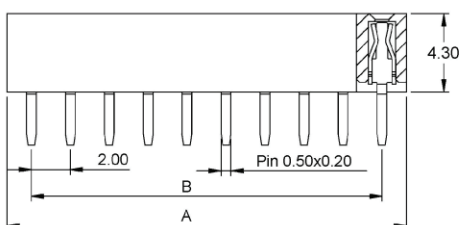
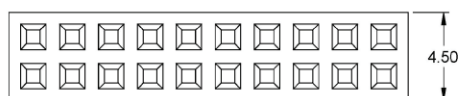
Voltage Rating: :150V AC, DC
Current Rating: :1.5A max.
Withstanding Voltage: :500V AC/minute
Insulation Resistance: :1000 MΩ min.
Temperature Range: :-20°C ~ +105°C
Contact Resistance: :20 mΩ max.

MATERIAL

Insulator: PBT, UL 94 V-0
Contact: Phosphor bronze
Plating: Gold, tin or Selective Gold over Nickel

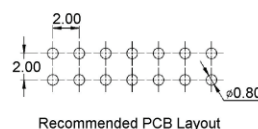
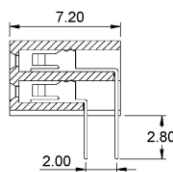
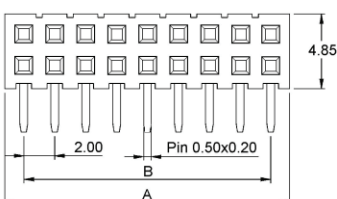
FEATURES

Sizes 4 to 80 double row
Suitable for 1.57mm thick PCB
Mate with 0.5 mm square pin
Packaging plastic tray or tube



Poles	Part. No.	A (mm)	B (mm)
2+2	962022xx-2	4.00	2.00
3+3	962032xx-2	6.00	4.00
4+4	962042xx-2	8.00	6.00
---	---	---	---
---	---	---	---
---	---	---	---
38+38	962382xx-2	76.00	74.00
39+39	962392xx-2	78.00	76.00
40+40	962402xx-2	80.00	78.00

xx:30= Gold plated ; xx:0= Tin plated

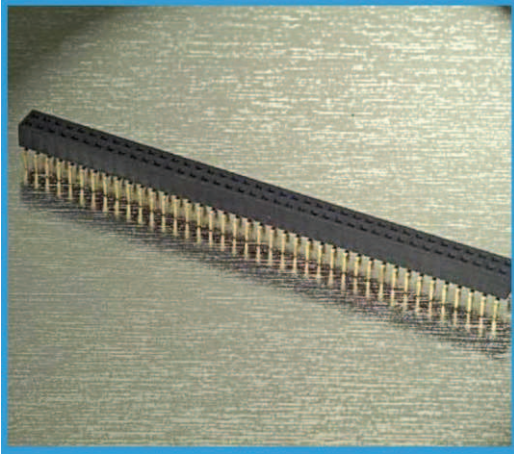


Poles	Part. No.	A (mm)	B (mm)
2+2	962029xx-2	4.50	2.00
3+3	962039xx-2	6.50	4.00
4+4	962049xx-2	8.50	6.00
---	---	---	---
---	---	---	---
---	---	---	---
38+38	962389xx-2	76.50	74.00
39+39	962399xx-2	78.50	76.00
40+40	962409xx-2	80.50	78.00

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,0 mm - Bottom Entry dual row THT 180°



SPECIFICATIONS

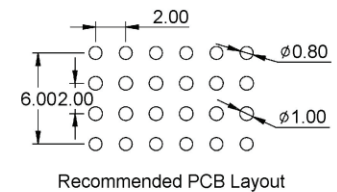
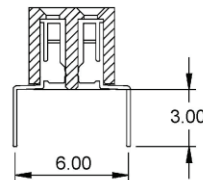
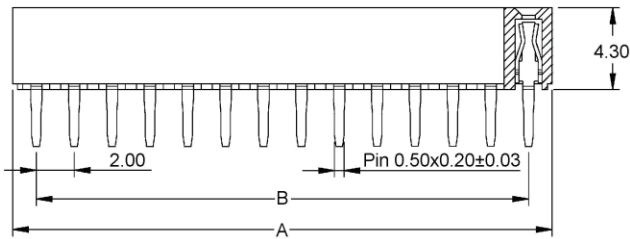
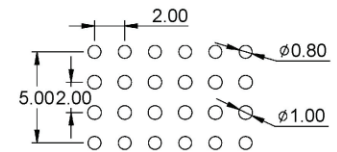
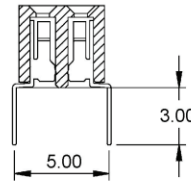
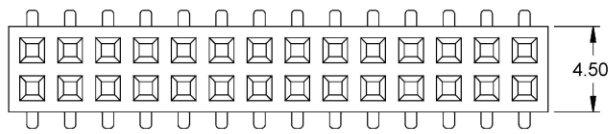
Voltage Rating: 150V AC,DC
 Current Rating: 1.5A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel

FEATURES

Sizes 4 to 80 dual row
 Suitable for 1.57mm thick PCB
 Mate with 0.50 mm square pin
 Packaging plastic tray or tube



Recommended PCB Layout

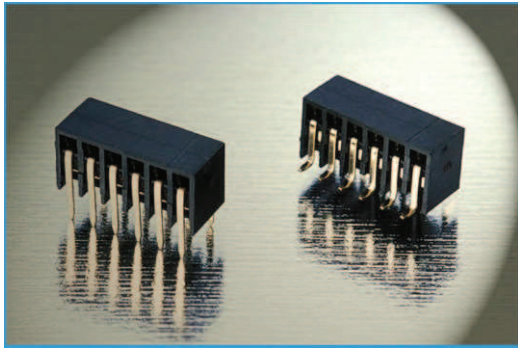
Poles	P/N l=5.00	P/N l=6.00	A(mm)	B(mm)
2+2	349500202xx	349600202xx	4.00	2.00
3+3	349500203xx	349600203xx	6.00	4.00
4+4	349500204xx	349600204xx	8.00	6.00
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38+38	349500238xx	349600238xx	78.00	76.00
39+39	349500239xx	349600239xx	80.00	78.00
40+40	349500240xx	349600240xx	82.00	80.00

xx:GO= Gold plated ; xx:T= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,0 mm - Side entry Type THT/SMT

A



SPECIFICATIONS

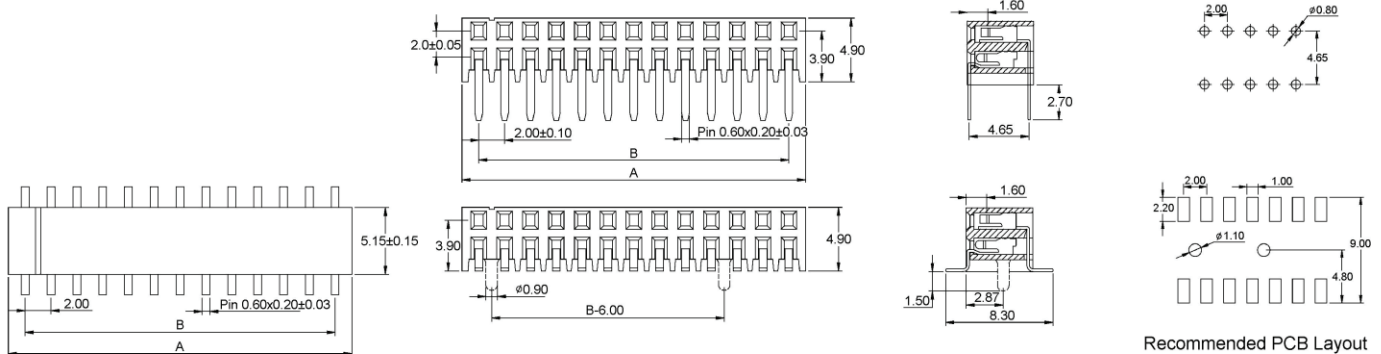
Voltage Rating: 150V AC,DC
 Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: PBT, UL 94 V-0;
 Nylon 6T, UL94V-0 (SMT).
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel

FEATURES

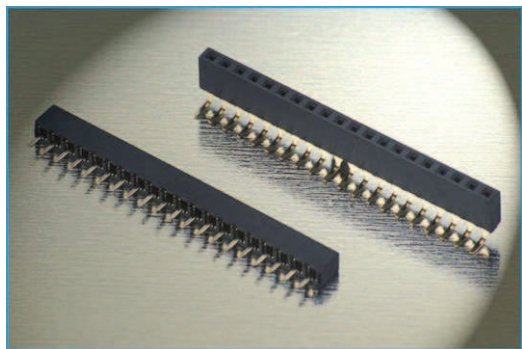
Sizes 4 to 80 double row
 Suitable for 1,57mm thick PCB
 Mate with 0,5 mm square pin
 Packaging Tube or Tape & reel



Poles	P/N THT	P/N SMT	A (mm)	B (mm)
2+2	962029xx-6	962020xx-6*	4.75	2.00
3+3	962039xx-6	962030xx-6*	6.75	4.00
4+4	962049xx-6	962040xx-6*	8.75	6.00
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---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
38+38	962389xx-6	962380xx-6*	76.75	74.00
39+39	962399xx-6	962390xx-6*	78.75	76.00
40+40	962409xx-6	962400xx-6*	80.75	78.00

xx:30= Gold plated ; xx:0= Tin plated

*= For plastic peg option, add, P to the Part No.

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

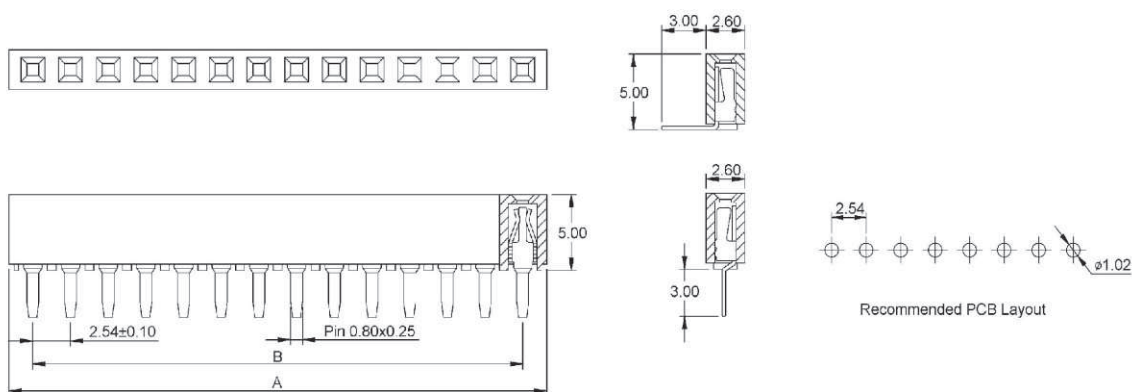
Packaging plastic tray or tube

MATERIAL

Insulator: Polyester, UL 94 V-0

Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel

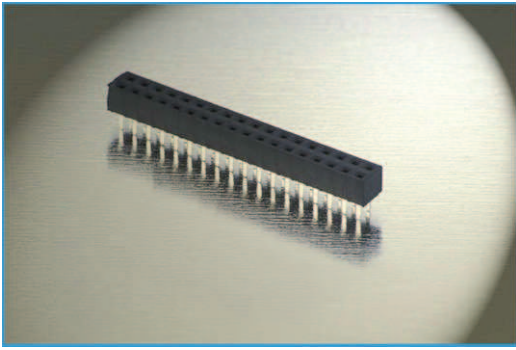


Poles	Part. No. 180°	Part. No. 90°	A (mm)	B (mm)
2	961022xx-5	961029xx-5	5.58	2.54
3	961032xx-5	961039xx-5	8.12	5.08
4	961042xx-5	961049xx-5	10.66	7.62
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---			---	---
---			---	---
---			---	---
38	961382xx-5	961389xx-5	97.02	93.98
39	961392xx-5	961399xx-5	99.56	96.52
40	961402xx-5	961409xx-5	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

PCB female header p.2,54 mm - double row H=5.0 mm THT 180°

A



SPECIFICATIONS

Voltage Rating: 250V, AC, DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: Polyester , UL 94 V-0

Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel

FEATURES

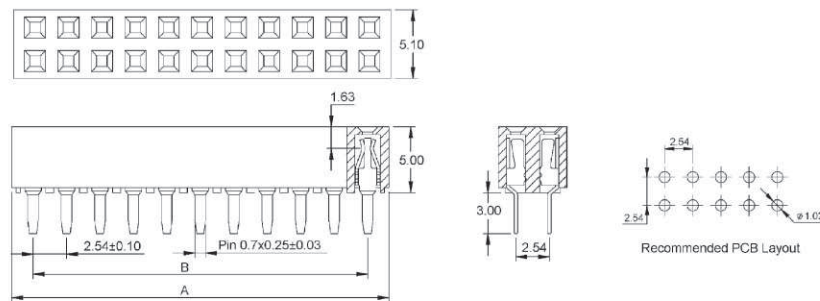
Sizes: 2 to 40 single row

4 to 80 double row

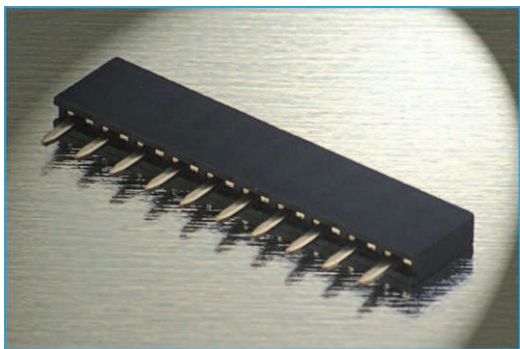
Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

Packaging plastic tray or tube

[illegible]

xx:30= Gold plated ; xx:0= Tin plated

**SPECIFICATIONS**

Voltage Rating: 250V AC, DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

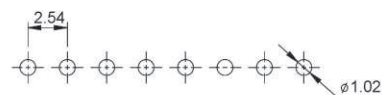
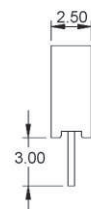
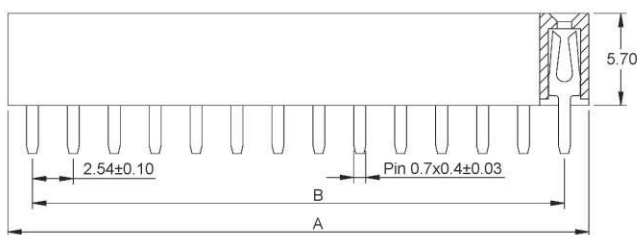
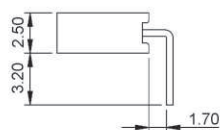
Packaging plastic tray or tube

MATERIAL

Insulator: Polyester, UL 94 V-0

Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel



Recommended PCB layout

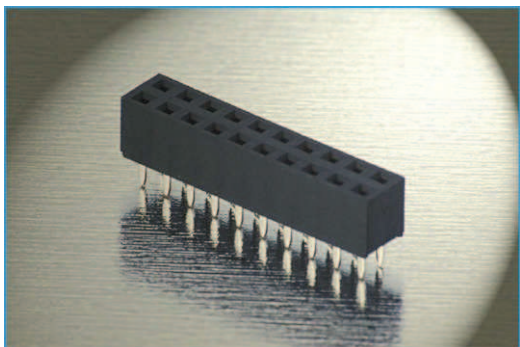
Poles	Part. No.	Part. No.	A (mm)	B (mm)
2	961022xx-57	961029xx-57	5.58	2.54
3	961032xx-57	961039xx-57	8.12	5.08
4	961042xx-57	961049xx-57	10.66	7.62
---			---	---
---			---	---
---			---	---
---			---	---
38	961382xx-57	961389xx-57	97.02	93.98
39	961392xx-57	961399xx-57	99.56	96.52
40	961402xx-57	961409xx-57	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - double row H=5.7mm THT 90°/180°

A



SPECIFICATIONS

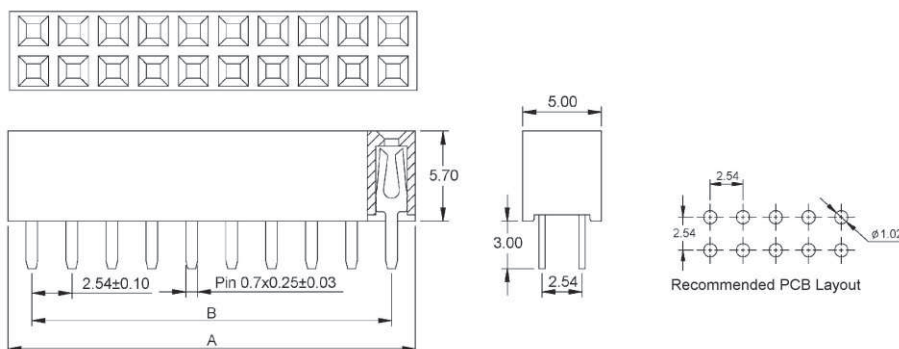
Voltage Rating: 250V AC,DC
Current Rating: 3A
Withstanding Voltage: 1500 V AC/minute
Insulation Resistance: 5000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

Sizes: 2 to 40 single row
4 to 80 double row
Suitable for 1.57mm thick PCB
Mate with 0.64 mm square pin
Packaging plastic tray or tube

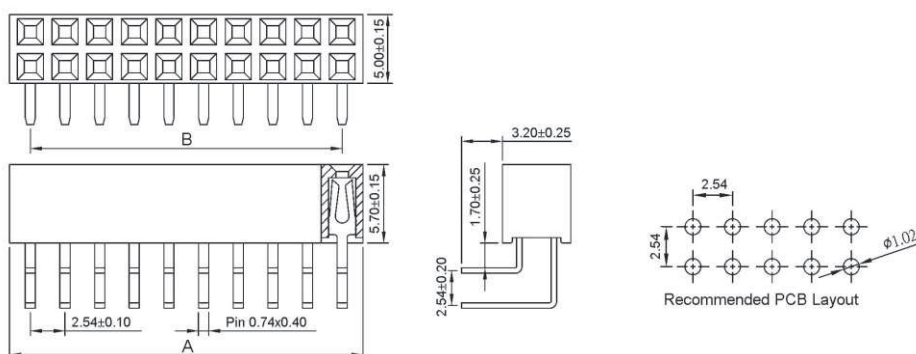
MATERIAL

Insulator: Polyester, UL 94 V-0
Contact: Phosphor bronze
Plating: Gold, Tin or Selective Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)
2+2	962022xx-57	5.58	2.54
3+3	962032xx-57	8.12	5.08
4+4	962042xx-57	10.66	7.62
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---	---	---	---
---	---	---	---
38+38	962382xx-57	97.02	93.98
39+39	962392xx-57	99.56	96.52
40+40	962402xx-57	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

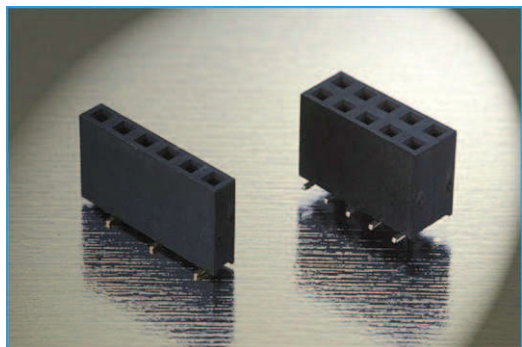


Poles	Part. No.	A (mm)	B (mm)
2+2	962029xx-57	5.58	2.54
3+3	962039xx-57	8.12	5.08
4+4	962049xx-57	10.66	7.62
---	---	---	---
---	---	---	---
---	---	---	---
38+38	962389xx-57	97.05	93.98
39+39	962399xx-57	99.56	96.52
40+40	962409xx-57	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - single/double row H=7.1 mm SMT 180°



SPECIFICATIONS

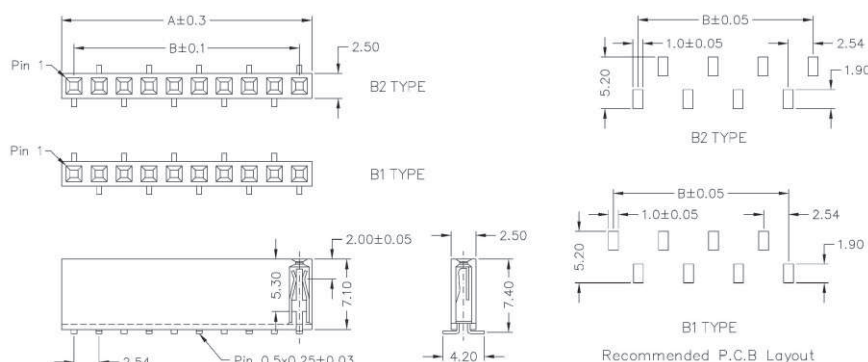
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Current Rating: 20 mΩ max.

FEATURES

Sizes: 2 to 40 single row
 4 to 80 double row
 Mate with 0.64 mm square pin
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional

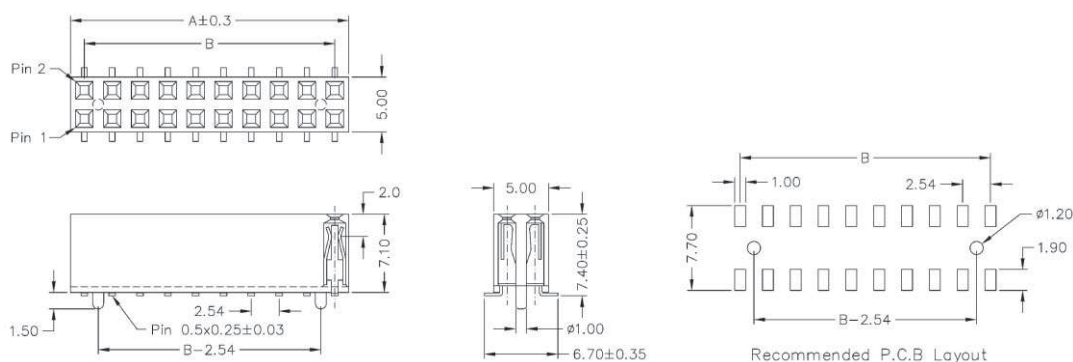
MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel



Poles	P/N. type B1	P/N. type B2	A (mm)	B (mm)
2	961020xx-B1	961020xx-B2	5.08	2.54
3	961030xx-B1	961030xx-B2	7.62	5.08
4	961040xx-B1	961040xx-B2	10.16	7.62
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---	---	---	---	---
38	961380xx-B1	961380xx-B2	96.52	93.98
39	961390xx-B1	961390xx-B2	99.06	96.52
40	961400xx-B1	961400xx-B2	101.6	99.06

xx:30= Gold plated ; xx:0= Tin plated



Poles	Part No.	A (mm)	B (mm)
2+2	962020xx*	5.08	2.54
3+3	962030xx*	7.62	5.08
4+4	962040xx*	10.16	7.62
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---	---	---	---
---	---	---	---
38+38	962380xx*	96.52	96.98
39+39	962390xx*	99.06	96.52
40+40	962400xx*	101.6	99.06

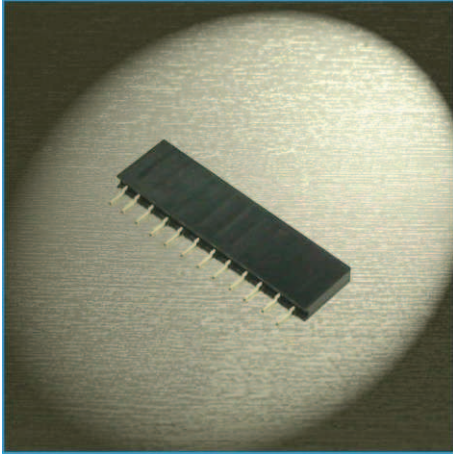
xx:30= Gold plated ; xx:0= Tin plated;*= For plastic peg option, add. P to the Part No.

A



BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - single/double row H=8,5 mm SMT 90°



SPECIFICATIONS

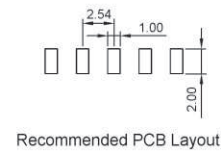
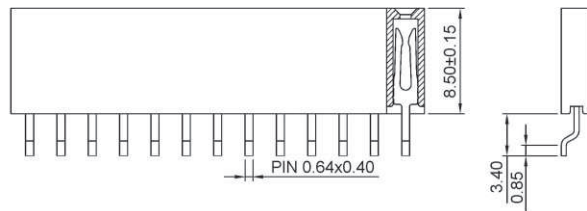
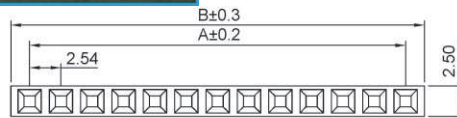
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Current Rating: 20 mΩ max.

MATERIAL

Insulator: Nylon 6T, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel

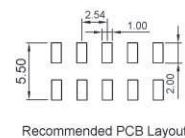
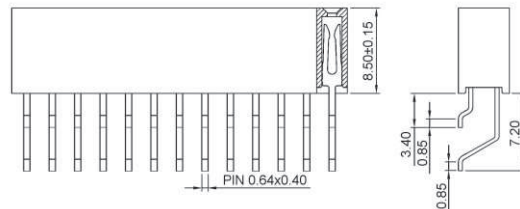
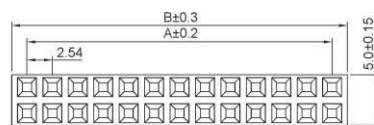
FEATURES

Sizes: 2 to 40 single row
 4 to 80 double row
 Mate with 0.64 mm square pin
 Packaging Tube or Tape & reel



Poles	Part. No.	A (mm)	B (mm)
2	96102Hxx	2.54	5.08
3	96103Hxx	5.08	7.62
4	96104Hxx	7.62	10.16
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---	---	---	---
---	---	---	---
38	96138Hxx	93.98	96.52
39	96136Hxx	96.52	99.06
40	96140Hxx	99.06	101.6

xx:30= Gold plated ; xx:0= Tin plated



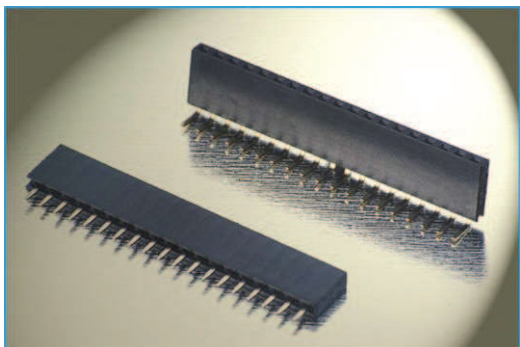
Poles	Part. No.	A (mm)	B (mm)
2+2	96202Hxx	2.54	5.08
3+3	96203Hxx	5.08	7.62
4+4	96204Hxx	7.62	10.16
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---	---	---	---
---	---	---	---
38+38	96238Hxx	96.98	96.52
39+39	96239Hxx	96.52	99.06
40+40	96240Hxx	99.06	101.6

xx:30= Gold plated ; xx:0= Tin plated;

BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - single row H=8,5mm THT 90/180°

A



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

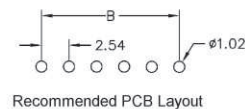
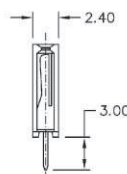
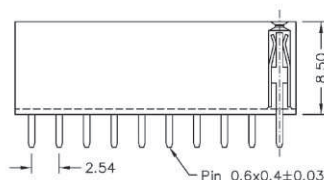
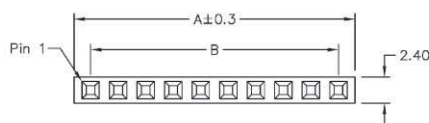
Packaging plastic tray or tube

MATERIAL

Insulator: Polyester, UL 94 V-0

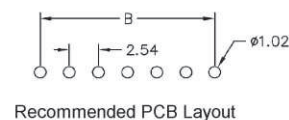
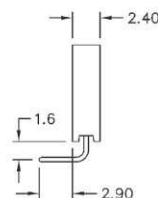
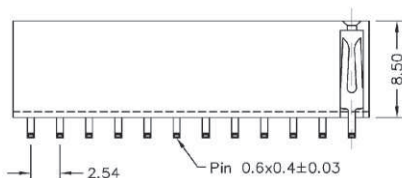
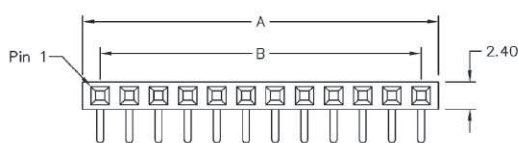
Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel



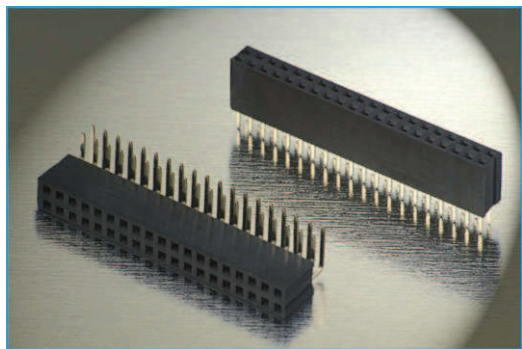
Poles	Part. No.	A (mm)	B (mm)
2	961022xx	5.08	2.54
3	961032xx	7.62	5.08
4	961042xx	10.16	7.62
---	---	---	---
---	---	---	---
---	---	---	---
38	961382xx	96.52	93.98
39	961392xx	99.06	96.52
40	961402xx	101.6	99.06

xx:30= Gold plated ; xx:0= Tin plated



Poles	Part. No.	A (mm)	B (mm)
2	961029xx	5.08	2.54
3	961039xx	7.62	5.08
4	961049xx	10.16	7.62
---	---	---	---
---	---	---	---
---	---	---	---
38	961389xx	96.52	93.98
39	961399xx	99.06	96.52
40	961409xx	101.6	99.06

xx:30= Gold plated ; xx:0= Tin plated

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes: 2 to 40 single row

4 to 80 double row

Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

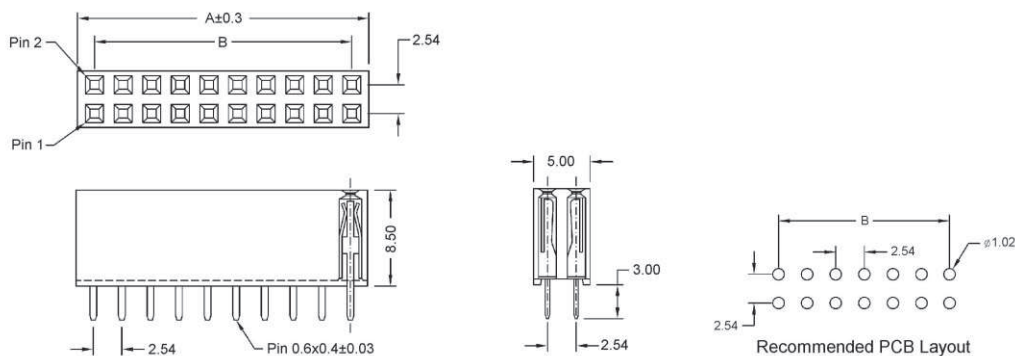
Packaging plastic tray or tube

MATERIAL

Insulator: Polyester, UL 94 V-0

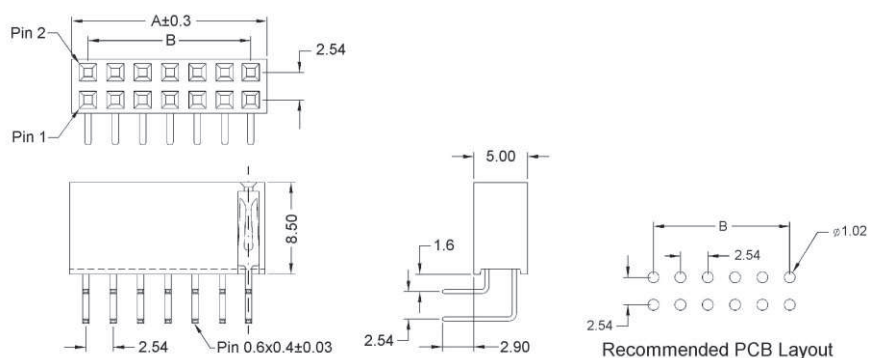
Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)
2+2	962022xx	5.08	2.54
3+3	962032xx	7.62	5.08
4+4	962042xx	10.16	7.62
---	---	---	---
---	---	---	---
---	---	---	---
38+38	962382xx	96.52	93.98
39+39	962392xx	99.06	96.52
40+40	962402xx	101.6	99.06

xx:30= Gold plated ; xx:0= Tin plated



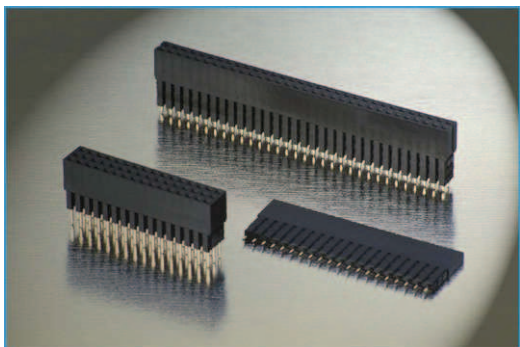
Poles	Part. No.	A (mm)	B (mm)
2+2	962029xx	5.58	2.54
3+3	962039xx	8.12	5.08
4+4	962049xx	10.66	7.62
---	---	---	---
---	---	---	---
---	---	---	---
38+38	962389xx	97.02	93.98
39+39	962399xx	99.56	96.52
40+40	962409xx	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - PC104 THT 180°

A



SPECIFICATIONS

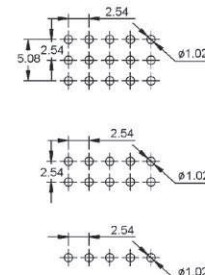
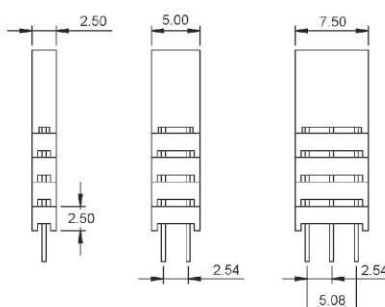
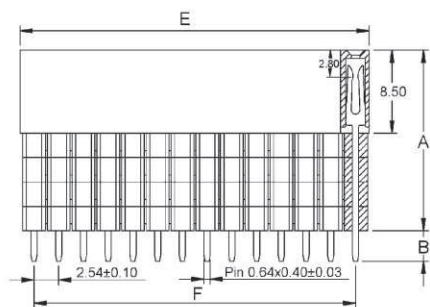
Voltage Rating: 250V AC,DC
 Current Rating: 3A max.
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 3 to 40 single row
 6 to 80 double row
 9 to 120 triple row
 Suitable for 1.57mm thick PCB
 Mate with 0.64 mm square pin
 Packaging plastic tray or tube

MATERIAL

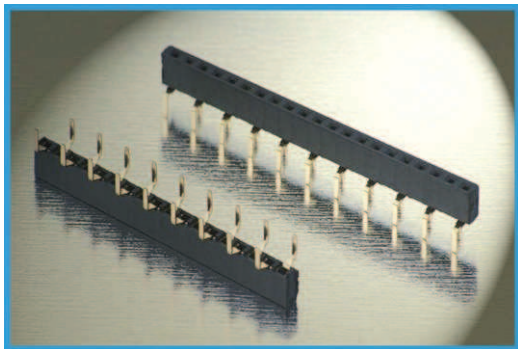
Insulator: Polyester, UL 94 V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel



Recommended PCB Layout

Poles	Part. No. 1 row	Part. No. 2 row	Part No. 3 row	A(mm)	B(mm)	E(mm)	F(mm)
40/80/120	961402xx-1W	962402xx-1W	963402xx-1W	11.05	2.30	102.1	99.06
40/80/120	961402xx-1Y	962402xx-1Y	963402xx-1Y	11.05	7.35	102.1	99.06
40/80/120	961402xx-2Y	962402xx-2Y	963402xx-2Y	13.59	4.85	102.1	99.06
40/80/120	961402xx-3Y	962402xx-3Y	963402xx-3Y	16.13	2.30	102.1	99.06
40/80/120	961402xx-1Z	962402xx-1Z	963402xx-1Z	11.05	12.20	102.1	99.06
40/80/120	961402xx-2Z	962402xx-2Z	963402xx-2Z	13.59	9.65	102.1	99.06
40/80/120	961402xx-3Z	962402xx-3Z	963402xx-3Z	16.13	7.10	102.1	99.06
40/80/120	961402xx-4Z	962402xx-4Z	963402xx-4Z	18.67	4.60	102.1	99.06

xx:30= Gold plated ; xx:0= Tin plated

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 40 single row

Suitable for 1.57mm thick PCB

Mate with 0.64 mm square pin

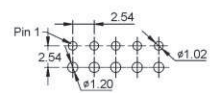
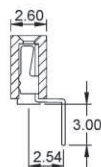
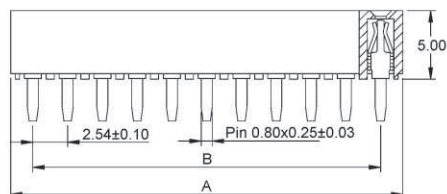
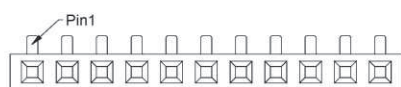
Packaging plastic tray or tube

MATERIAL

Insulator: G.F. PBT, UL94V-0

Contact: Phosphor bronze

Plating: Gold or Tin over Nickel

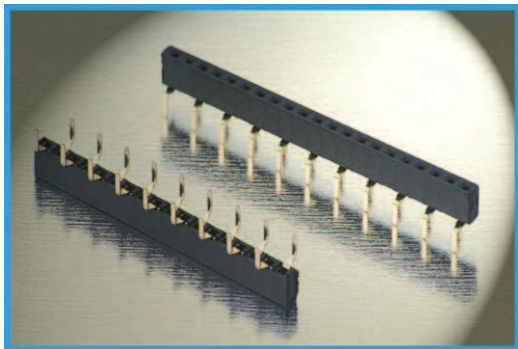


Recommended PCB Layout

Poles	Part. No. Au pl.	Part. No. Sn pl.	A (mm)	B (mm)
2	348508A02GO	348508A02T	5.08	2.54
3	348508A03GO	348508A03T	7.62	5.08
4	348508A04GO	348508A04T	10.16	7.62
5	348508A05GO	348508A05T	12.70	10.16
6	348508A06GO	348508A06T	15.24	12.70
7	348508A07GO	348508A07T	17.78	15.24
8	348508A08GO	348508A08T	20.32	17.78
9	348508A09GO	348508A09T	22.86	20.32
10	348508A10GO	348508A10T	25.40	22.86
11	348508A11GO	348508A11T	27.94	25.40
12	348508A12GO	348508A12T	30.48	27.94
13	348508A13GO	348508A13T	33.02	30.48
14	348508A14GO	348508A14T	35.56	33.02
15	348508A15GO	348508A15T	38.10	35.56
16	348508A16GO	348508A16T	40.64	38.10
17	348508A17GO	348508A17T	43.18	40.64
18	348508A18GO	348508A18T	45.72	43.18
19	348508A19GO	348508A19T	48.26	45.72
20	348508A20GO	348508A20T	50.80	48.26
21	348508A21GO	348508A21T	53.34	50.80
22	348508A22GO	348508A22T	55.88	53.34
23	348508A23GO	348508A23T	58.42	55.88
24	348508A24GO	348508A24T	60.96	58.42
25	348508A25GO	348508A25T	63.50	60.96
26	348508A26GO	348508A26T	66.04	63.50

PCB female header p.2,54 mm - Bottom entry single row THT 180° I=5,08

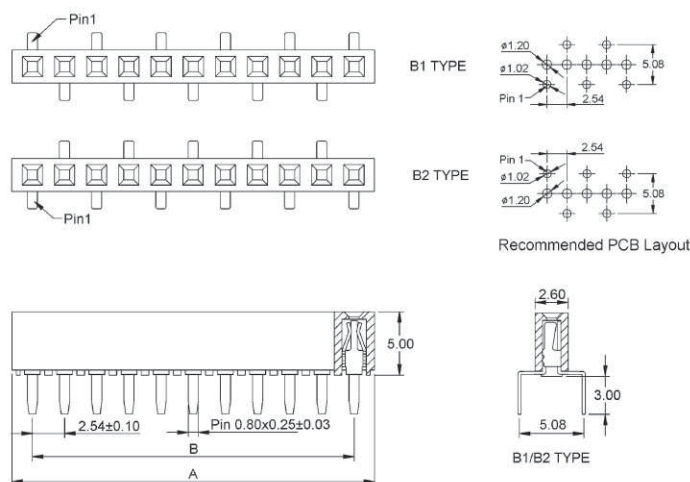
A



Voltage Rating: 250V AC,DC
Current Rating: 3A
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 5000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

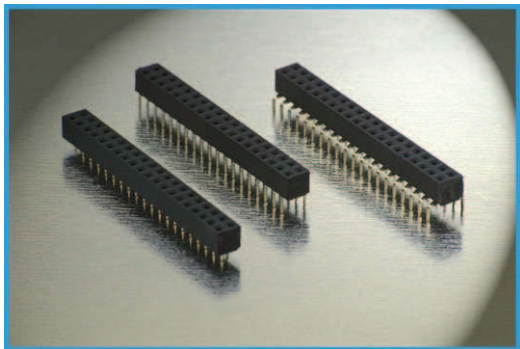
Sizes 2 to 40 single row
Suitable for 1.57mm thick PCB
Mate with 0.64 mm square pin
Packaging plastic tray or tube

Insulator: G.F. PBT, UL94V-0
Contact: Phosphor bronze
Plating: Gold or Tin over Nickel



Poles	Part. No. Au pl.	Part. No. Sn pl.	A(mm)	B(mm)
2	348508xx02GO	348508xx02T	5.08	2.54
3	358508xx03GO	348508xx03T	7.62	5.08
4	348508xx04GO	348508xx04T	10.16	7.62
5	348508xx05GO	348508xx05T	12.70	10.16
6	348508xx06GO	348508xx06T	15.24	12.70
7	348508xx07GO	348508xx07T	17.78	15.24
8	348508xx08GO	348508xx08T	20.32	17.78
9	348508xx09GO	348508xx09T	22.86	20.32
10	348508xx10GO	348508xx10T	25.40	22.86
11	348508xx11GO	348508xx11T	27.94	25.40
12	348508xx12GO	348508xx12T	30.48	27.94
13	348508xx13GO	348508xx13T	33.02	30.48
14	348508xx14GO	348508xx14T	35.56	33.02
15	348508xx15GO	348508xx15T	38.10	35.56
16	348508xx16GO	348508xx16T	40.64	38.10
17	348508xx17GO	348508xx17T	43.18	40.64
18	348508xx18GO	348508xx18T	45.72	43.18
19	348508xx19GO	348508xx19T	48.26	45.72
20	348508xx20GO	348508xx20T	50.80	48.26
21	348508xx21GO	348508xx21T	53.34	50.80
22	348508xx22GO	348508xx22T	55.88	53.34
23	348508xx23GO	348508xx23T	58.42	55.88
24	348508xx24GO	348508xx24T	60.96	58.42
25	348508xx25GO	348508xx25T	63.50	60.96
26	348058xx26GO	348508xx26T	66.04	63.50

xx: Select B1 or B2 type.



SPECIFICATIONS

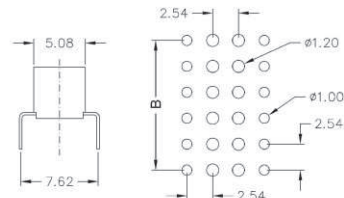
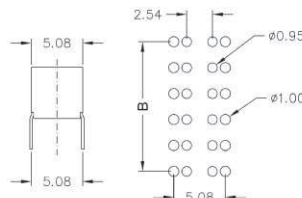
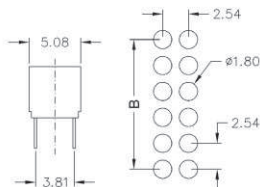
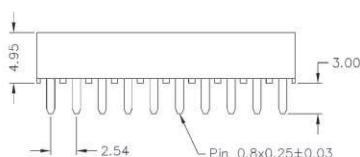
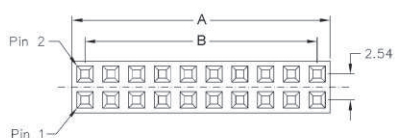
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 4 to 80 dual row
 Suitable for 1.57mm thick PCB
 Mate with 0.64 mm square pin
 Packaging plastic tray or tube

MATERIAL

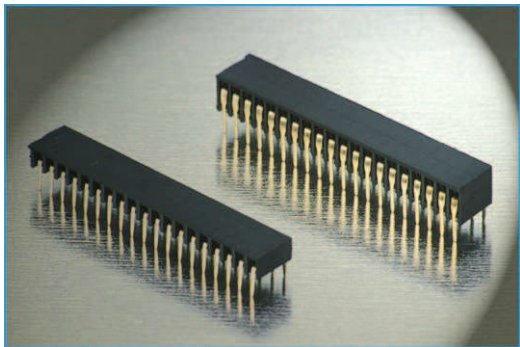
Insulator: G.F. PBT, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold or tin over nickel



Poles	P/N. I=3,81	P/N. I=5,08	P/N. I=7,62	A(mm)	B(mm)
2+2	348381203xx	348508203xx	348762203xx	5.08	2.54
3+3	348381204xx	348508204xx	348762204xx	7.62	5.08
4+4	348381205xx	348508205xx	348762205xx	10.16	7.62
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---	---	---	---	---	---
---	---	---	---	---	---
---	---	---	---	---	---
38+38	348381238xx	348508238xx	348762238xx	96.52	93.98
39+39	348381239xx	348508239xx	348762239xx	99.06	96.52
40+40	348381240xx	348508240xx	348762240xx	101.6	99.06

xx:GO= Gold plated ; xx:T= Tin plated

PCB female header p.2,54 mm - single/double row Side Entry Type



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: Polyester, UL 94 V-0

Contact: Phosphor bronze

Plating: Gold, Tin or Selective Gold over Nickel

FEATURES

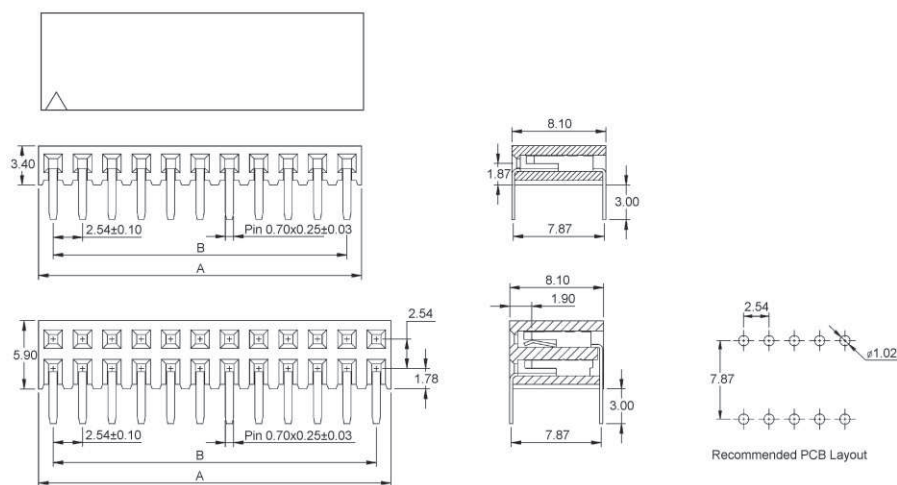
Sizes 2 to 40 single row

4 to 80 double row

Mate with 0.64 mm square pin

Suitable for 1.57mm thick PCB

Packaging plastic tray or tube

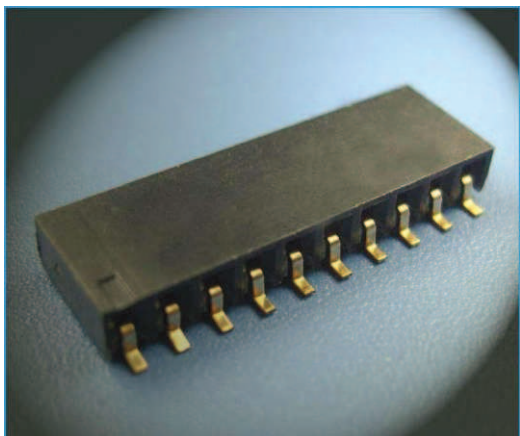


Poles	Part.No. 1 row	Part.No. 2 row	A (mm)	B (mm)
2	961029xx-4	962029xx-4	5.08	2.54
3	961039xx-4	962039xx-4	7.62	5.08
4	961049xx-4	962049xx-4	10.16	7.62
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---			---	---
---			---	---
---			---	---
38	961389xx-4	962389xx-4	96.52	93.98
39	961399xx-4	962399xx-4	99.06	96.52
40	961409xx-4	962409xx-4	101.6	99.06

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

PCB female header p.2,54 mm - single/double row Side Entry SMT 90°



SPECIFICATIONS

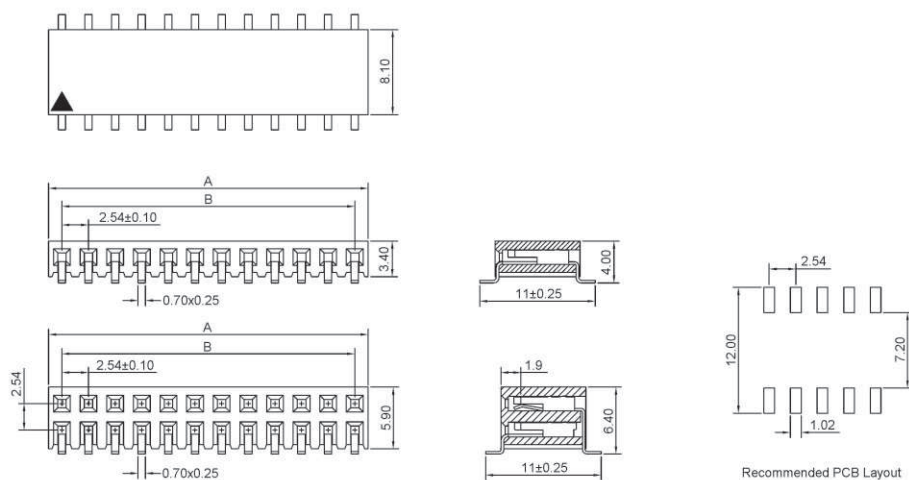
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: Nylon 9T, UL 94 V-0
 Contact: Phosphor bronze
 Plating: Gold or Tin over Nickel

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Mate with 0.64 mm square pin
 Packaging Tube or Tape & reel



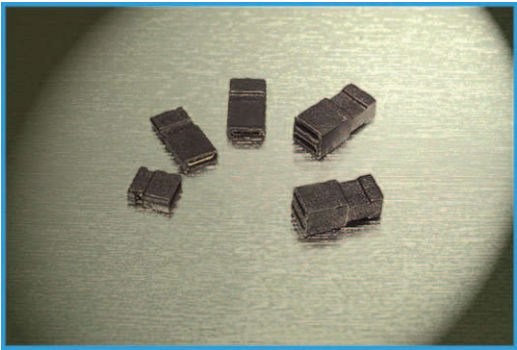
Poles	P/N 1 row	P/N 2 row	A (mm)	B (mm)
2	961020xx-4	962020xx-4	5.38	2.54
3	961030xx-4	962030xx-4	7.92	5.08
4	961040xx-4	962040xx-4	10.36	7.62
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---				
38	961380xx-4	962380xx-4	96.82	93.98
39	961390xx-4	962390xx-4	99.36	96.52
40	961400xx-4	962400xx-4	101.9	99.06

xx:30= Gold plated ; xx:0= Tin plated

BOARD TO BOARD CONNECTORS

Mini Jumper - p. 1.27 mm

A



SPECIFICATIONS

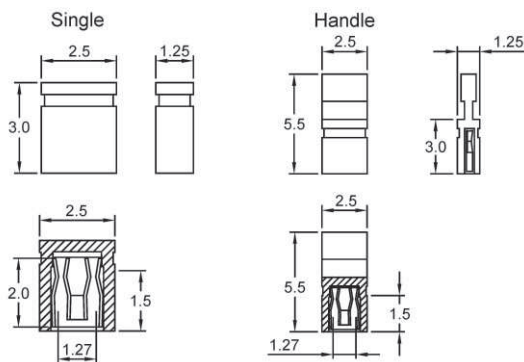
Current Rating: 1 A max.
Contact Resistance: 20 mΩ max.
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 500V AC/minute
Temperature Range: -40°C ~ +105°C

MATERIAL

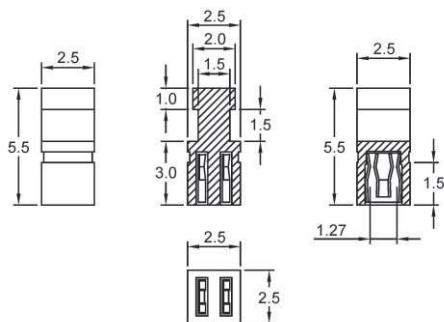
Insulator: G.F. PBT, UL94V-0
Contact: Copper alloy
Plating: Gold over Nickel

FEATURES

Mate with 0.46 mm square pin
Packaging plastic bag



Type	P/N Gold pl.	P/N Tin pl
Single	5036802030	503680200
Handle	5036802030-L	503680200-L



Type	P/N Gold pl.	P/N Tin pl
Double	5036804030	503680400

**SPECIFICATIONS**

Current Rating: 1 A max.

Contact Resistance: 20 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 500V AC/minute

Temperature Range: -40°C ~ +105°C

FEATURES

Mate with 0.50 mm square pin

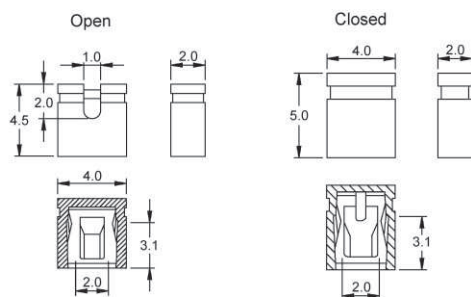
Packaging plastic bag

MATERIAL

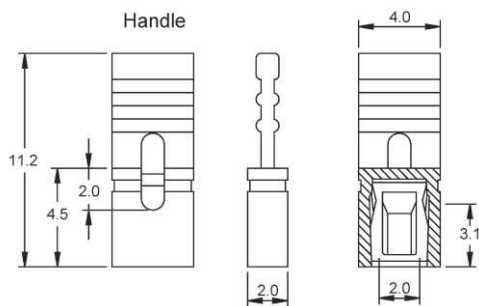
Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Plating: Gold over Nickel

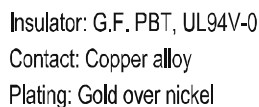


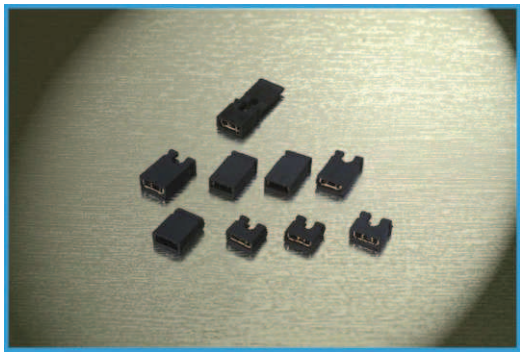
Type	P/N Gold pl.	P/N Tin pl.
Closed	5736802030-C	573680200-C
Open	5736802030	573680200



Type	Part. No.
Gold plated	5736802030-L
Tin Plated	573680200-L

A



**SPECIFICATIONS**

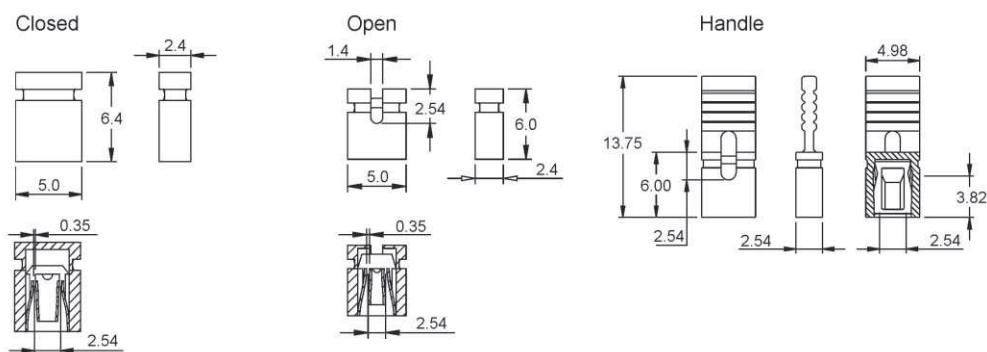
Current Rating: 3A
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Contact Resistance: 20 mΩ max.
 Temperature Range: -40°C ~ +105°C

FEATURES

Mate with 0.64 mm square pin
 Packaging plastic bag

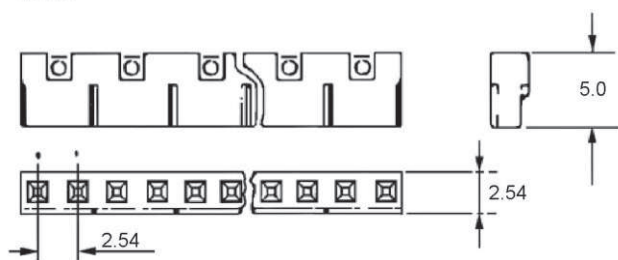
MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Gold or Tin over Nickel

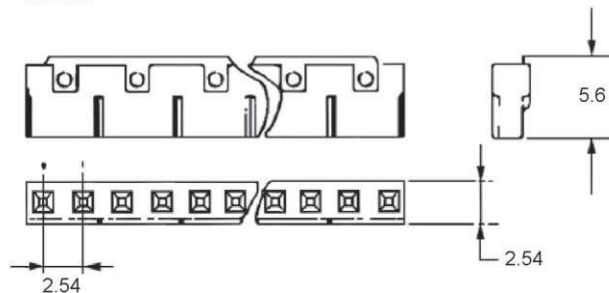


Type	P/N Tin pl.	P/N Gold pl.
Open	513680200	5136802030
Closed	513680200-C	5136802030-C
Handle	513680200-L	5136802030-L

In Line



Bus Bar



Type	P/N Tin pl.	P/N Gold pl.
In Line	513680400	5136804030
Bus Bar	513680200-BB	5136802030-BB

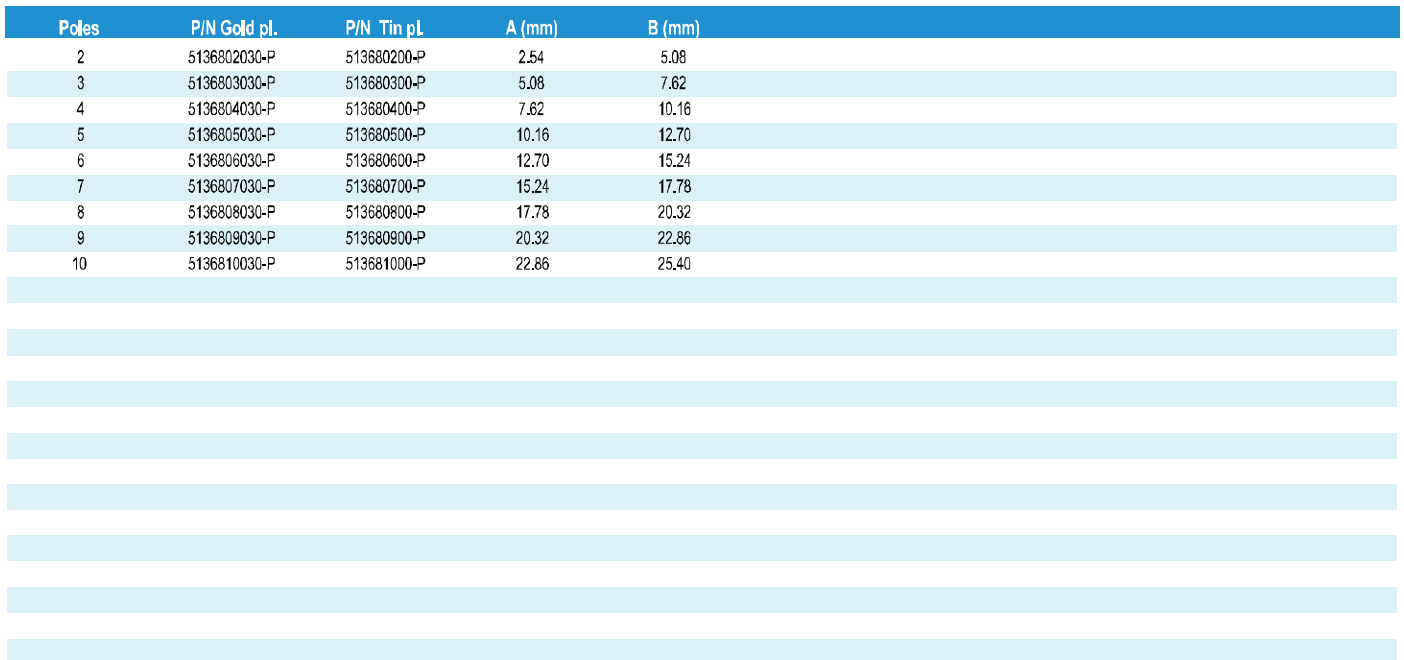
Mini Jumper - p. 2,54 mm parallel type

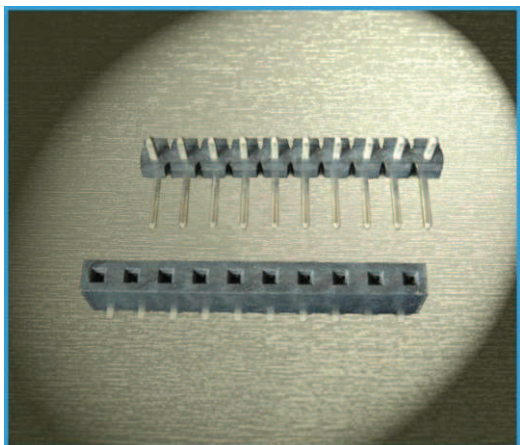


Current Rating: 3A
Withstanding Voltage: 1000V AC/minute
Insulation Resistance: 1000 MΩ min.
Contact Resistance: 20 mΩ max.
Temperature Range: -40°C ~ +105°C

Insulator: G.F. PBT, UL94V-0
Contact: Copper alloy
Plating: Gold or Tin over Nickel

Size 2 to 10 poles
Mate with 0.64 mm square pin
Packaging plastic bag



**SPECIFICATIONS**

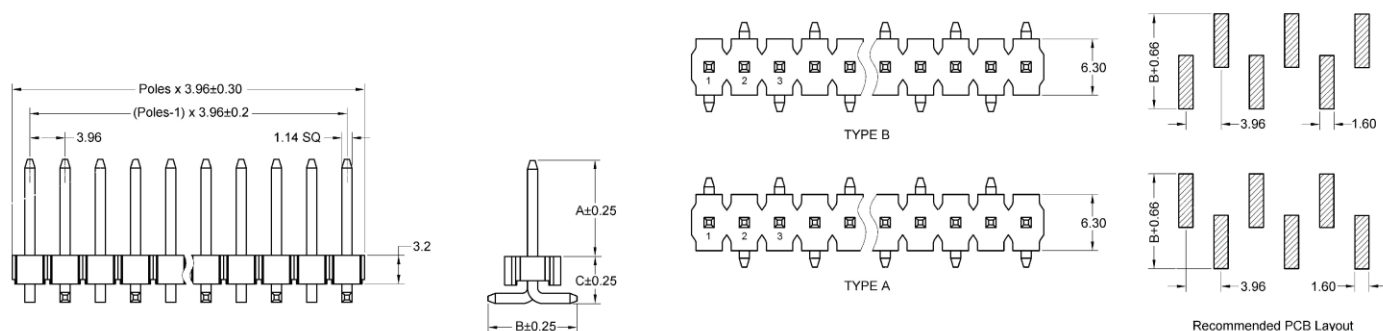
Current Rating: 7A AC,DC
 Withstanding Voltage: 1000 V AC,DC
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 24 single row
 Packaging Tube (tape&reel option available)
 Vacuum pick&place cap optional

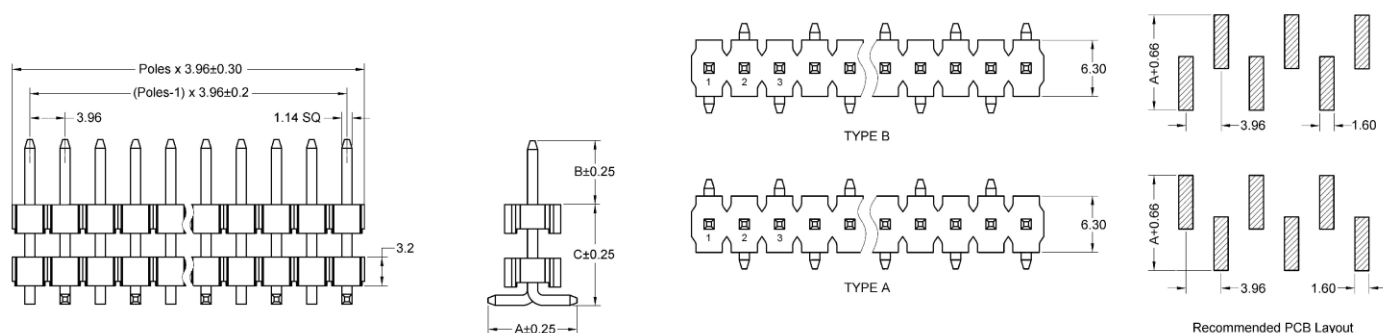
MATERIAL

Insulator: G.F. Polyester, UL94V-0
 Contact: Brass
 Plating: Tin or Gold over Nickel



Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	C (mm)	Layout
02-24	PH3961xx00151A	PH3961xx031151A	10.4	10.0	4.7	Type A
02-24	PH3961xx00151B	PH3961xx031151B	10.4	10.0	4.7	Type B

xx=n° of poles 02-24



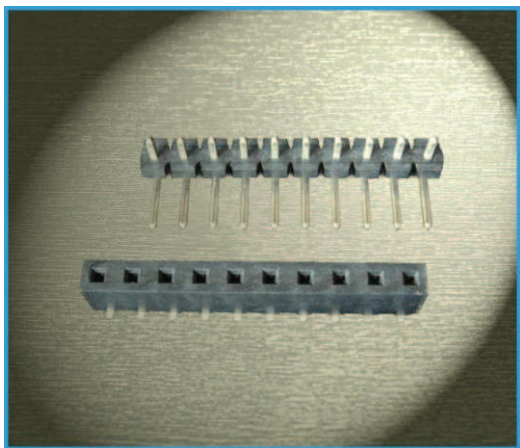
Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	C (mm)	Layout
02-24	PH3961xx00HHHAD	PH3961xx031HHHAD	10.0	According to	According to	Type A
02-24	PH3961xx00HHHBD	PH3961xx031HHHBD	10.0	Customer Specs.	Customer Specs.	Type B

xx=n° of poles 02-24

BOARD TO BOARD CONNECTORS

Pin strip p.3,96 mm - single row THT 90/180°

A



SPECIFICATIONS

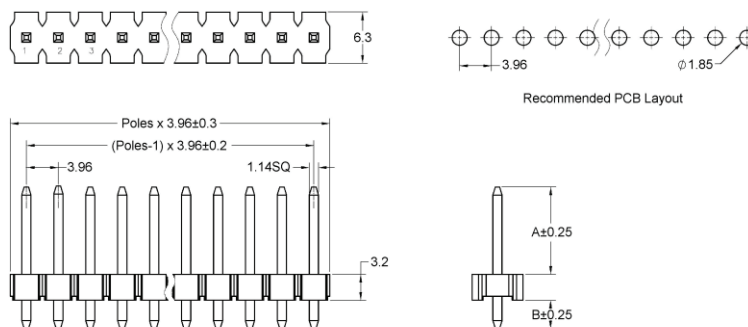
Current Rating: 7A AC,DC
Withstanding Voltage: 1000 V AC,DC
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. Polyester, UL94V-0
Contact: Brass
Plating: Tin or Gold over Nickel

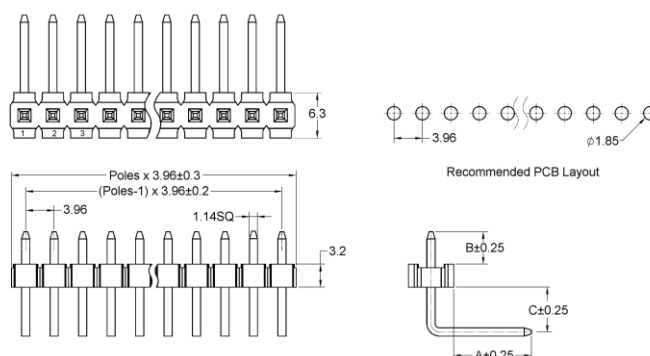
FEATURES

Sizes 2 to 24 single row
Suitable for 1.57mm thick PCB
Packaging bag



Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	OAL (mm)
02-24	PH3961xx20190	PH3961xx231190	11.45	4.45	19.08
02-24	PH3961xx20203	PH3961xx231203	12.70	4.45	20.33
02-24	PH3961xx20277	PH3961xx231277	20.55	4.00	27.73
02-24	PH3961xx20191	PH3961xx231191	3.81	12.07	19.06

xx=n° of poles 02-24



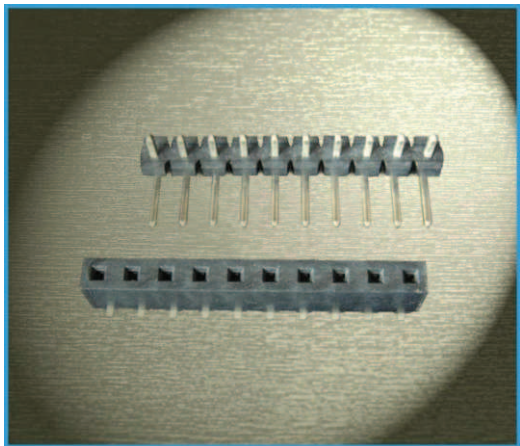
Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	C (mm)
02-24	PH3961xx90134	PH3961xx931134	8.15	4.45	5.73
02-24	PH3961xx90153	PH3961xx931153	13.60	4.00	8.13
02-24	PH3961xx90172	PH3961xx931172	10.75	4.50	9.48

xx=n° of poles 02-24

BOARD TO BOARD CONNECTORS

Pin strip p.5,08 mm - single row SMT 180°

A



SPECIFICATIONS

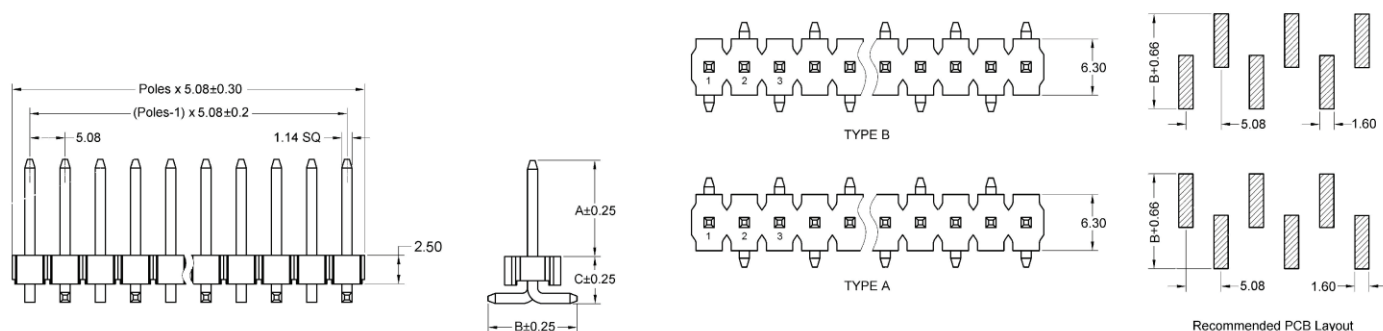
Current Rating: 7A, AC,DC
Withstanding Voltage: 1000 V AC,DC
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. Polyester, UL94V-0
Contact: Brass
Plating: Tin or Gold over Nickel

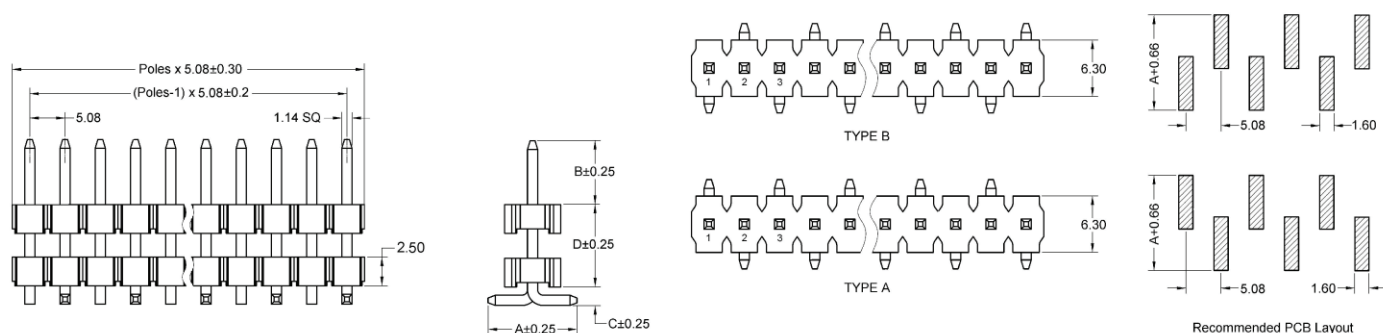
FEATURES

Sizes 2 to 20 single row
Packaging Tube or Tape&reel (optional)
Vacuum pick&place cap optional



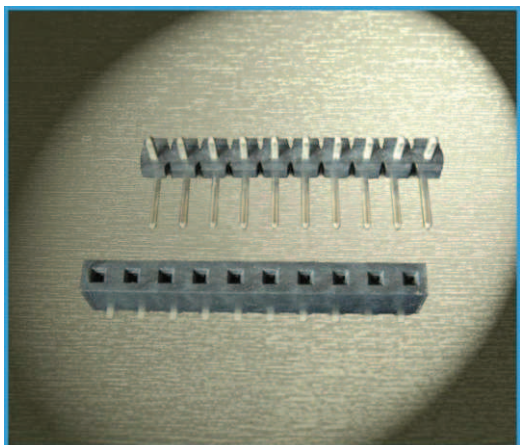
Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	C (mm)	Layout
02-20	PH5081xx00122A	PH5081xx031122A	7.25	10.0	5.0	Type A
02-20	PH5081xx00157A	PH5081xx031127A	10.7	10.0	5.0	Type A
02-20	PH5081xx00162A	PH5081xx031162A	12.2	10.0	4.0	Type A
02-20	PH5081xx00122B	PH5081xx031122B	7.25	10.0	5.0	Type B
02-20	PH5081xx00157B	PH5081xx031127B	10.7	10.0	5.0	Type B
02-20	PH5081xx00162B	PH5081xx031162B	12.2	10.0	4.0	Type B

xx=n° of poles 02-20



Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	D (mm)	Layout
02-20	PH5081xx00HHHAD	PH5081xx031HHHAD	10.0	According to	According to	Type A
02-20	PH5081xx00HHHBD	PH5081xx031HHHBD	10.0	Customer Specs.	Customer Specs.	Type B

xx=n° of poles 02-20

**SPECIFICATIONS**

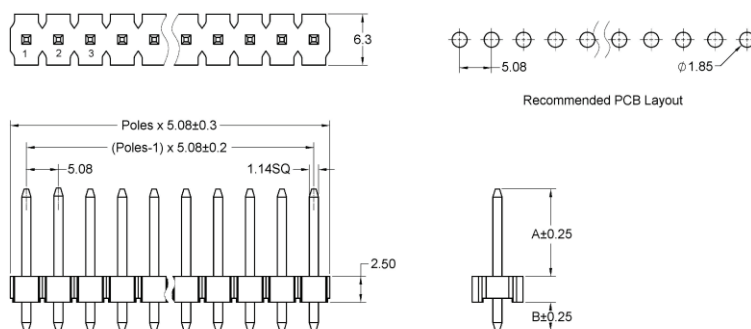
Current Rating: 7A AC,DC
 Withstanding Voltage: 1000 V AC,DC
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 20 single row
 Suitable for 1.57mm thick PCB
 Packaging bag

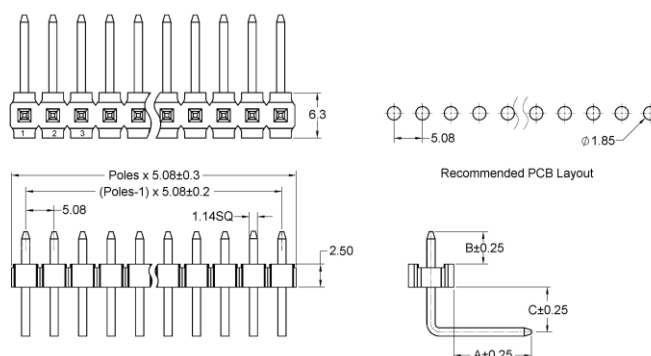
MATERIAL

Insulator: G.F. Polyester, UL94V-0
 Contact: Brass
 Plating: Tin or Gold over Nickel



Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	OAL (mm)
02-20	PH5081xx20190	PH5081xx231190	11.95	4.55	19.00
02-20	PH5081xx20202	PH5081xx231202	13.20	4.55	20.25
02-20	PH5081xx00276	PH5081xx231276	21.05	4.10	27.65
02-20	PH5081xx20108	PH5081xx231108	3.80	4.55	10.85

xx=n° of poles 02-20

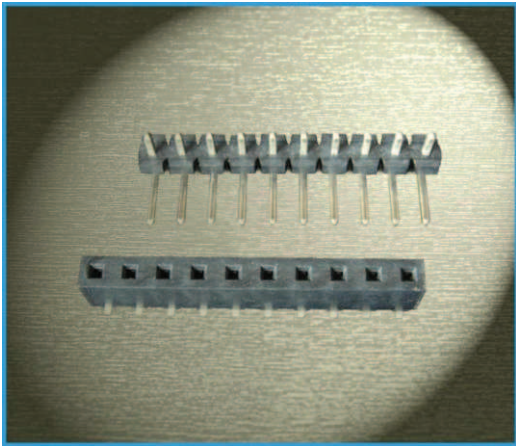


Poles	P/N Tin pl.	P/N Gold pl.	A (mm)	B (mm)	C (mm)
02-20	PH5081xx90075	PH5081xx931075	8.1	4.55	2.54
02-20	PH5081xx90096	PH5081xx931096	13.8	4.00	4.95

xx=n° of poles 02-20

Pin strip p.5,08 mm - single row THT 180° Dual Insulator

A



SPECIFICATIONS

Current Rating: 7A AC,DC

Withstanding Voltage: 1000 V AC,DC

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. Polyester, UL94V-0

Contact: Brass

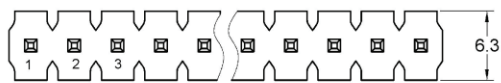
Plating: Tin or Gold over Nickel

FEATURES

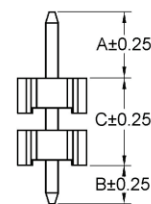
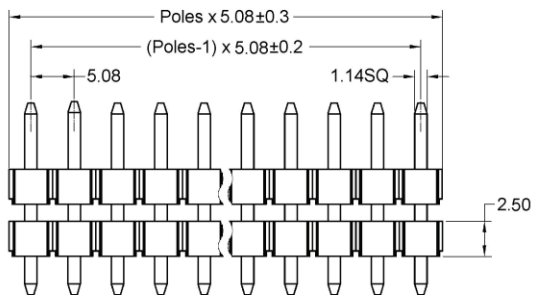
Sizes 2 to 20 single row

Suitable for 1.57mm thick PCB

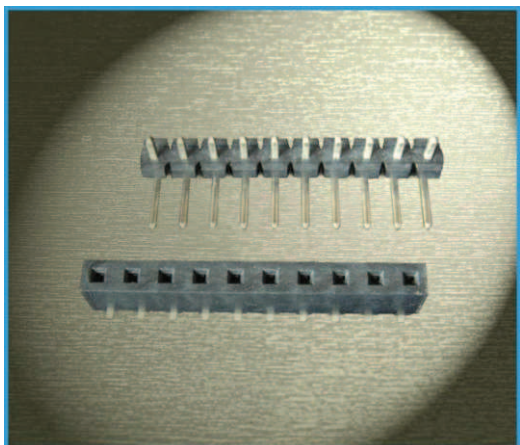
Packaging bag



Recommended PCB Layout

[illegible]

xx=n° of poles 02-20

**SPECIFICATIONS**

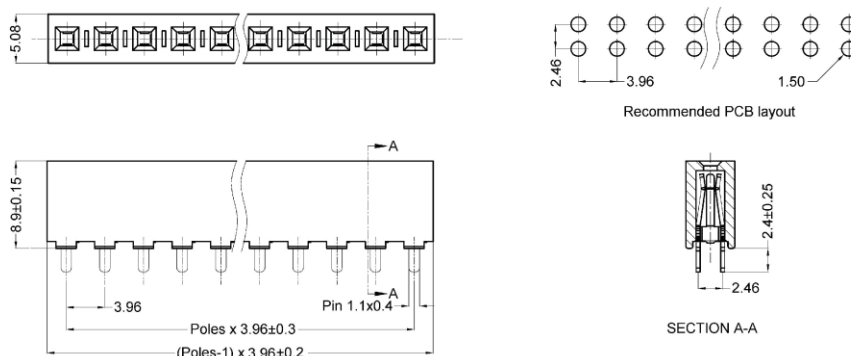
Current Rating: 7A AC,DC
 Withstanding Voltage: 1000 V AC,DC
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Sizes 2 to 24 single row
 Suitable for 1.57mm thick PCB
 Mate with 1,14 mm square pin
 Packaging tube or Tape&reel (optional)
 Vacuum pick&place cap optional

MATERIAL

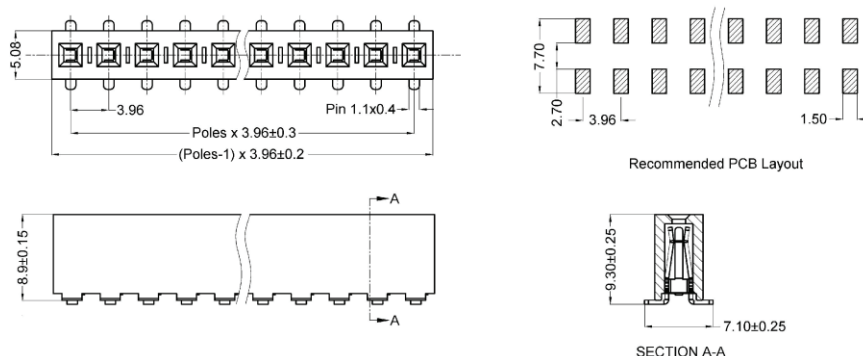
Insulator: G.F. Polyester, UL94V-0
 Contact: Phosphor bronze (BeCu optional)
 Plating: Tin or Gold over Nickel



Poles	P/N Tin pl.	P/N Gold pl.
02	PS396x0220	PS396x02230
03	PS396x0320	PS396x03230

23	PS396x2320	PS396x23230
24	PS396x2420	PS396x24230

x= Select the requested contact material: P=Phos.Bronze B=Berillium copper



Poles	P/N Tin pl.	P/N Gold pl.
02	PS396x0200-V	PS396x02030-V
03	PS396x0300-V	PS396x03030-V

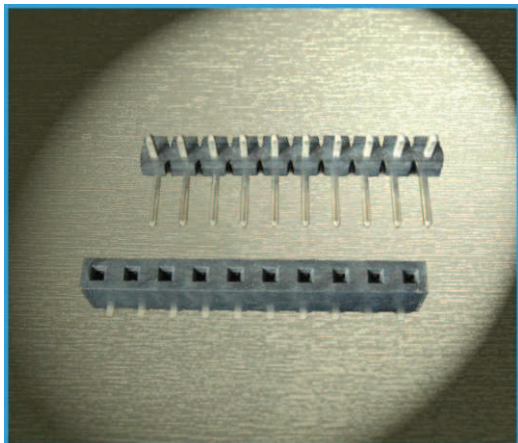
23	PS396x2300-V	PS396x23030-V
24	PS396x2400-V	PS396x24030-V

x= Select the requested contact material: P=Phos.Bronze B=Berillium copper

BOARD TO BOARD CONNECTORS

PCB female header p.5,08 mm - single row H=8.89 THT/SMT 180°

A



SPECIFICATIONS

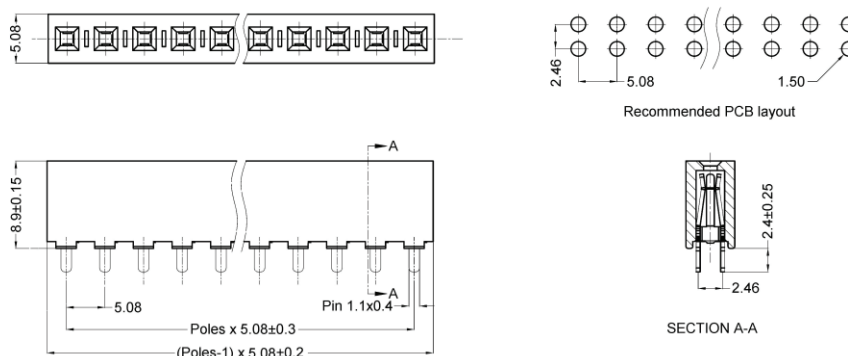
Current Rating: 7A AC,DC
Withstanding Voltage: 1000 V AC,DC
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. Polyester, UL94V-0
Contact: Phosphor bronze (BeCu optional)
Plating: Tin or Gold over Nickel

FEATURES

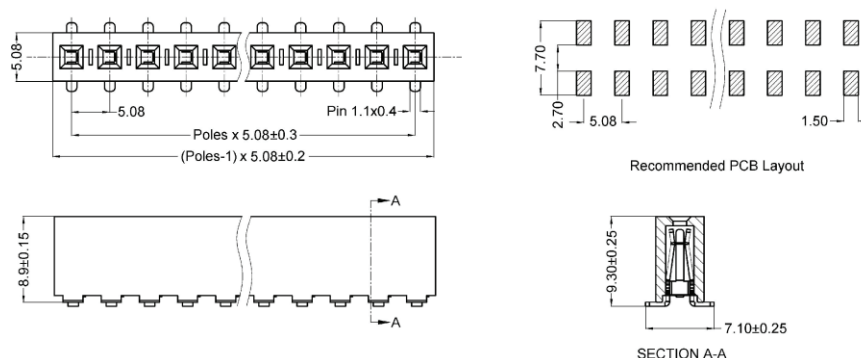
Sizes 2 to 24 single row
Suitable for 1.57mm thick PCB
Mate with 1,14 mm square pin
Packaging tube or Tape&reel (optional)
Vacuum pick&place cap optional



Poles	P/N Tin pl.	P/N Gold pl.
02	PS508x0220	PS508x02230
03	PS508x0320	PS508x03230

23	PS508x2320	PS508x23230
24	PS508x2420	PS508x24230

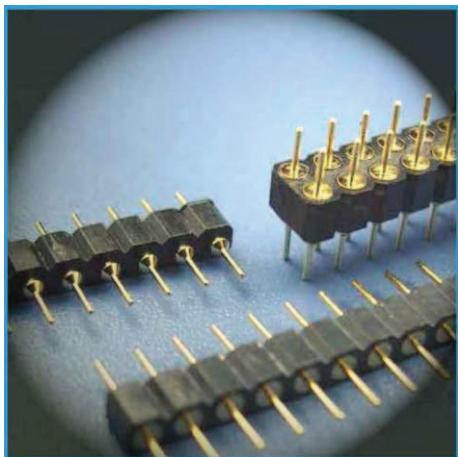
x= Select the requested contact material: P=Phos.Bronze B=Berillium copper



Poles	P/N Tin pl.	P/N Gold pl.
02	PS508x0200-V	PS508x02030-V
03	PS508x0300-V	PS508x03030-V

23	PS508x2300-V	PS508x23030-V
24	PS508x2400-V	PS508x24030-V

x= Select the requested contact material: P=Phos.Bronze B=Berillium copper

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

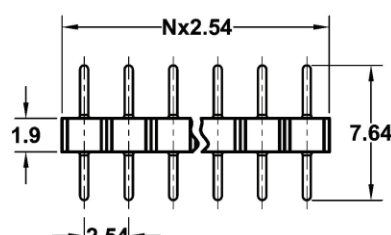
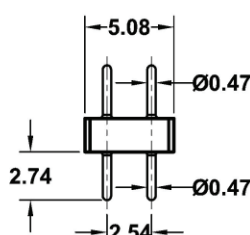
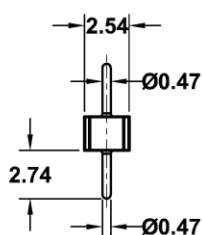
Suitable for 1,57 mm thick. PCB

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Contact: Brass

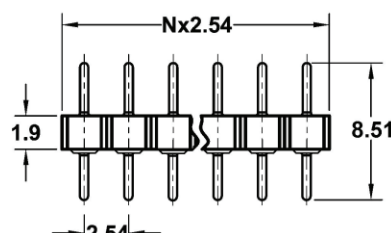
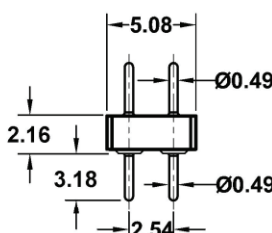
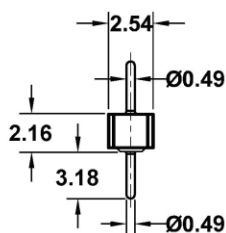
Plating: Tin or gold (see table)



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-2M076	552022xx-2M076	0	Tin
03	551032xx-2M076	552032xx-2M076	31	Au flash
---			32	Au 0.25 µm

39	551392xx-2M076	552392xx-2M076		
40	551402xx-2M076	552402xx-2M076		

xx:plating code



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-2M085	552022xx-2M085	0	Tin
03	551032xx-2M085	552032xx-2M085	31	Au flash
---			32	Au 0.25 µm

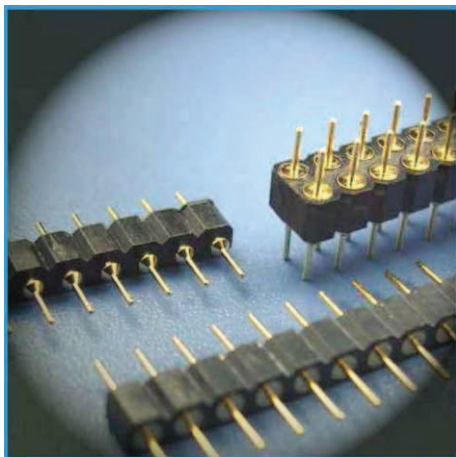
39	551392xx-2M085	552392xx-2M085		
40	551402xx-2M085	552402xx-2M085		

xx:plating code

BOARD TO BOARD CONNECTORS

Pin strip p. 2,54 mm machined pins - Ø0,47mm THT 180° H=10.0

A



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

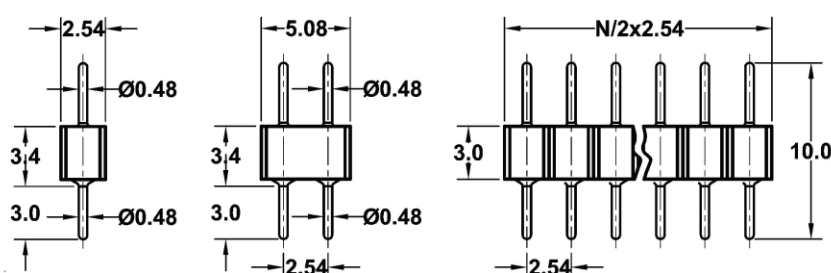
Suitable for 1,57 mm thick. PCB

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Contact: Brass

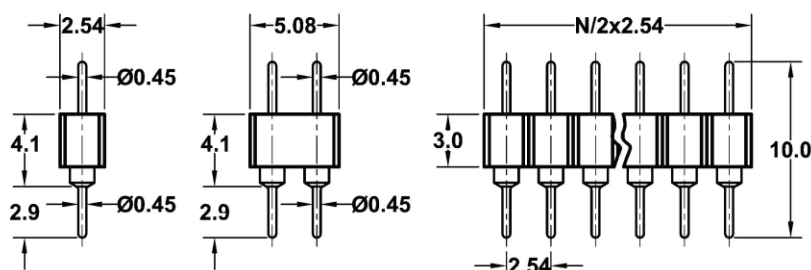
Plating: Tin or gold (see table)



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-2M100	552022xx-2M100	0	Tin
03	551032xx-2M100	552032xx-2M100	31	Au flash
---			32	Au 0.25 µm

39	551392xx-2M100	552392xx-2M100		
40	551402xx-2M100	552402xx-2M100		

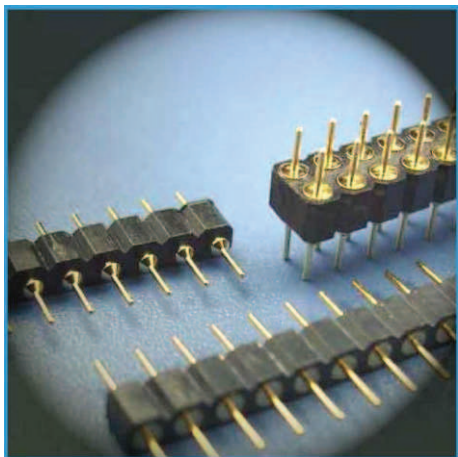
xx:plating code



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-2M101	552022xx-2M101	0	Tin
03	551032xx-2M101	552032xx-2M101	31	Au flash
---			32	Au 0.25 µm

39	551392xx-2M101	552392xx-2M101		
40	551402xx-2M101	552402xx-2M101		

xx:plating code



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Contact: Brass

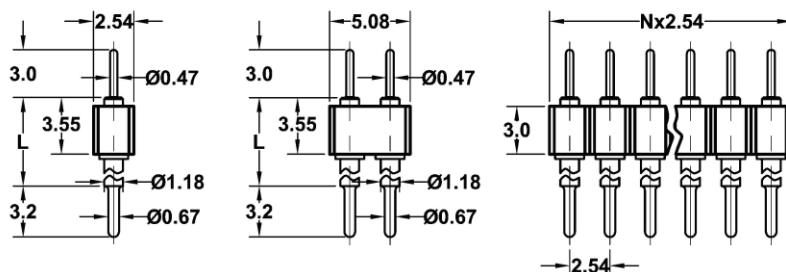
Plating: Tin or gold (see table)

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Suitable for 1,57 mm thick. PCB

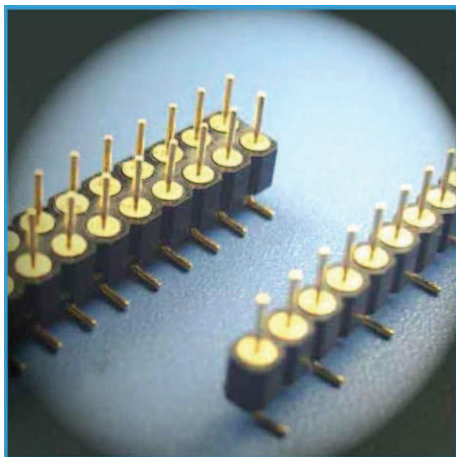
[illegible]

xx:plating code

BOARD TO BOARD CONNECTORS

Pin strip p. 2,54 mm machined pins - Ø0.47 SMT 180°

A



SPECIFICATIONS

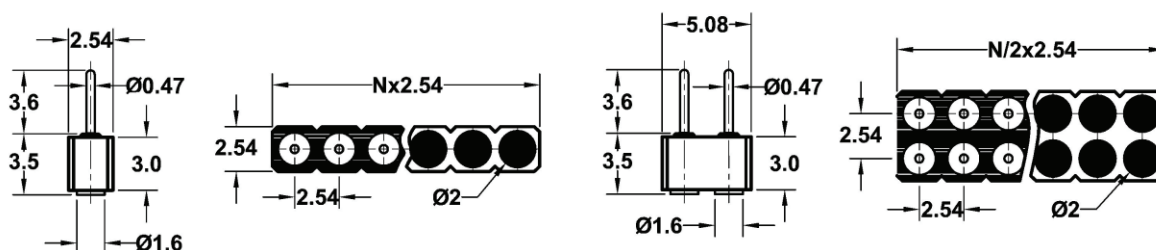
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Self-Leveling floating pin (For H=7.10)
 Packaging Tube (tape&reel opt.)
 Vacuum pick&place cap optional

MATERIAL

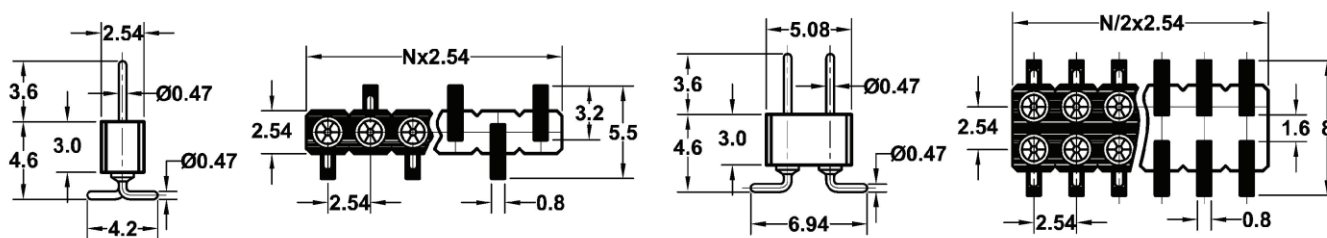
Insulator: G.F. thermoplastic, UL 94 V-0
 Contact: Brass
 Plating: Tin or gold (see table)



Poles/row	P/N sinlge row	P/N dual row	Plating code	Pin plating
02	551020xx-2M071	552020xx-2M071	0	Tin
03	551030xx-2M071	552030xx-2M071	31	Au flash
---			32	Au 0.25 µm

39	551390xx-2M071	552390xx-2M071		
40	551400xx-2M071	552400xx-2M071		

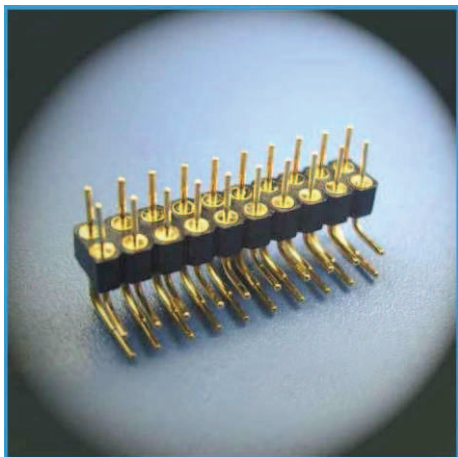
xx:plating code



Poles/row	P/N sinlge row	P/N dual row	Plating code	Pin plating
02	551020xx-2M082	552020xx-2M082	0	Tin
03	551030xx-2M082	552030xx-2M082	31	Au flash
---			32	Au 0.25 µm

39	551390xx-2M082	552390xx-2M082		
40	551400xx-2M082	552400xx-2M082		

xx:plating code



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Contact: Brass

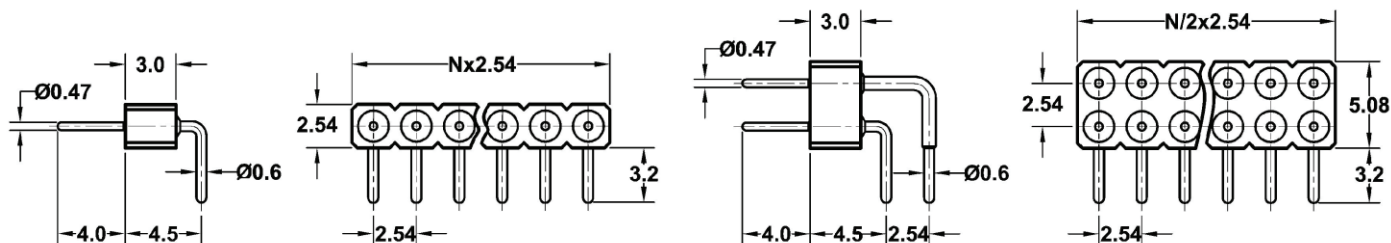
Plating: Tin or gold (see table)

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Suitable for 1,57 mm thick. PCB

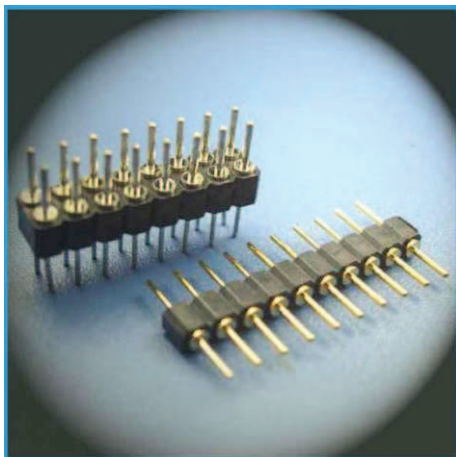
[illegible]

xx:plating code

BOARD TO BOARD CONNECTORS

Pin strip p. 2,54 mm machined pins - Ø0.76 THT180° H=9.80/11.20

A



SPECIFICATIONS

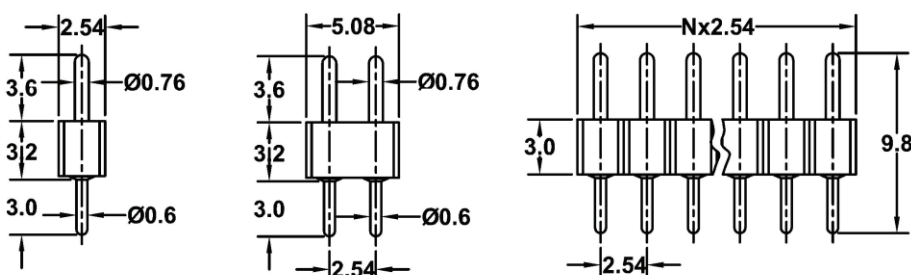
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Suitable for 1,57 mm thick. PCB

MATERIAL

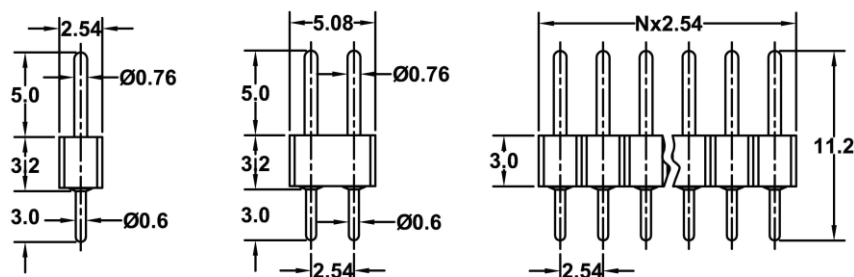
Insulator: G.F. thermoplastic, UL 94 V-0
 Contact: Brass
 Plating: Tin or gold (see table)



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-3M098	552022xx-3M098	0	Tin
03	551032xx-3M098	552032xx-3M098	31	Au flash
---			32	Au 0.25 µm

39	551392xx-3M098	552392xx-3M098		
40	551402xx-3M098	552402xx-3M098		

xx:plating code



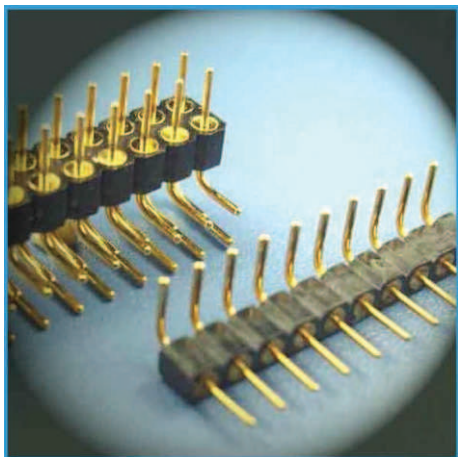
Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551022xx-3M112	552022xx-3M112	0	Tin
03	551032xx-3M112	552032xx-3M112	31	Au flash
---			32	Au 0.25 µm

39	551392xx-3M112	552392xx-3M112		
40	551402xx-3M112	552402xx-3M112		

xx:plating code

BOARD TO BOARD CONNECTORS

Pin strip p. 2,54 mm machined pins - Ø0.76 THT 90°



SPECIFICATIONS

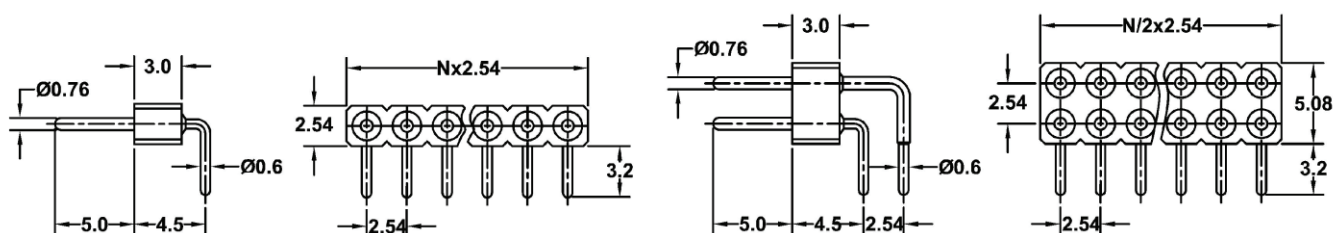
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Suitable for 1,57 mm thick. PCB

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0
 Contact: Brass
 Plating: Tin or gold (see table)



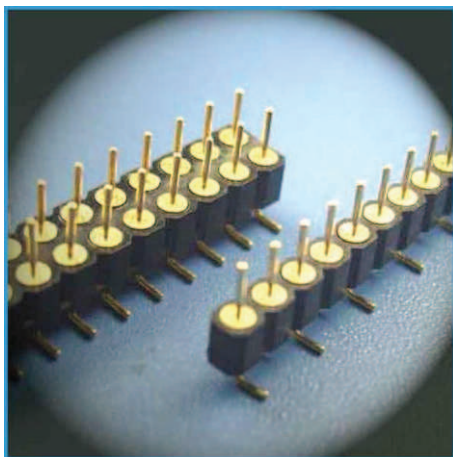
Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551029xx-3M095	552029xx-3M095	0	Tin
03	551039xx-3M095	552039xx-3M095	31	Au flash
---	---	---	32	Au 0.25 µm
---	---	---	---	---
39	551399xx-3M095	552399xx-3M095	---	---
40	551409xx-3M095	552409xx-3M095	---	---

xx:plating code

BOARD TO BOARD CONNECTORS

Pin strip p. 2,54 mm machined pins - Ø0.76 SMT 180°

A



SPECIFICATIONS

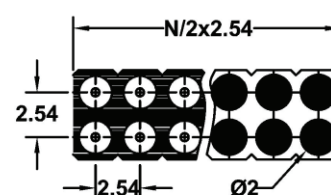
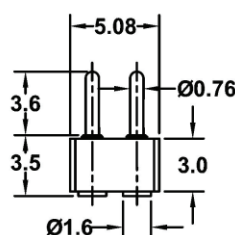
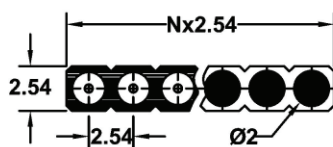
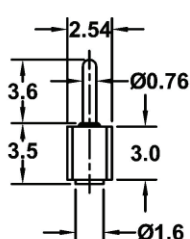
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Self-Leveling floating pin (For H=7.10)
 Packaging Tube (tape&reel opt.available)
 Vacuum pick&place cap optional

MATERIAL

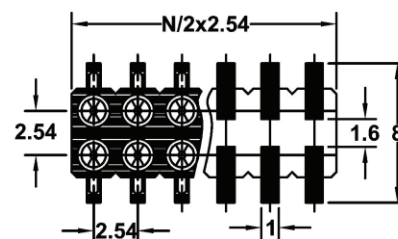
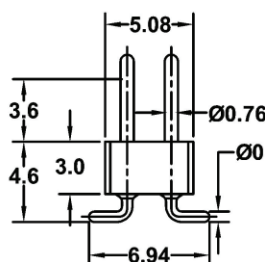
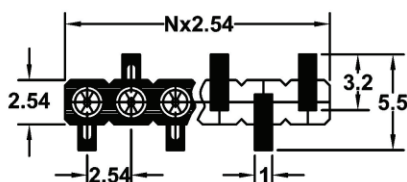
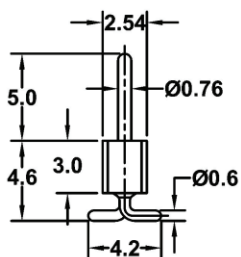
Insulator: G.F. thermoplastic, UL 94 V-0
 Contact: Brass
 Plating: Tin or gold (see table)



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551020xx-3M071	552020xx-3M071	0	Tin
03	551030xx-3M071	552030xx-3M071	31	Au flash
---			32	Au 0.25 µm

39	551390xx-3M071	552390xx-3M071		
40	551400xx-3M071	552400xx-3M071		

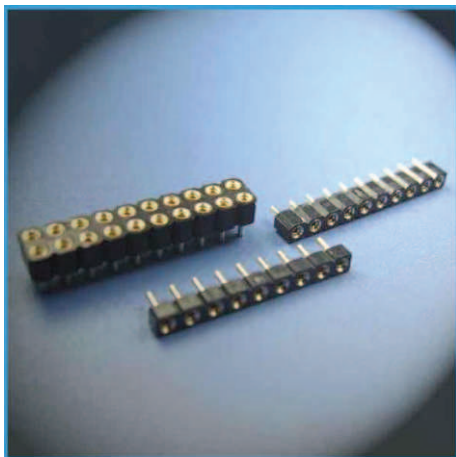
xx:plating code



Poles/row	P/N single row	P/N dual row	Plating code	Pin plating
02	551020xx-3M096	552020xx-3M096	0	Tin
03	551030xx-3M096	552030xx-3M096	31	Au flash
---			32	Au 0.25 µm

39	551390xx-3M096	552390xx-3M096		
40	551400xx-3M096	552400xx-3M096		

xx:plating code

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Mate with round pins 0.40 to 0.56 mm dia.

Hand bracketable

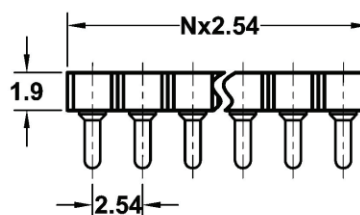
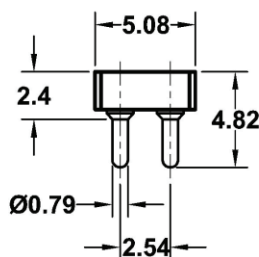
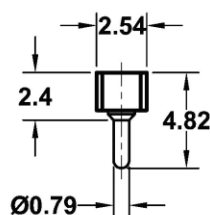
Suitable for 1,57 mm thick. PCB

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

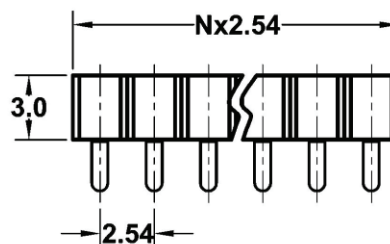
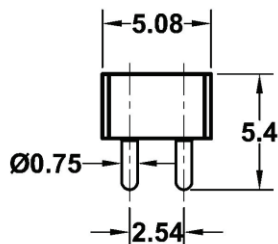
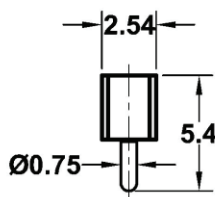
Sleeve: Brass

Contact clip: Beryllium copper



Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-2048	552022xx-2048	0	Tin	Tin
03	551032xx-2048	552032xx-2048	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551392xx-2048	552392xx-2048	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2048	552402xx-2048			

xx:plating code



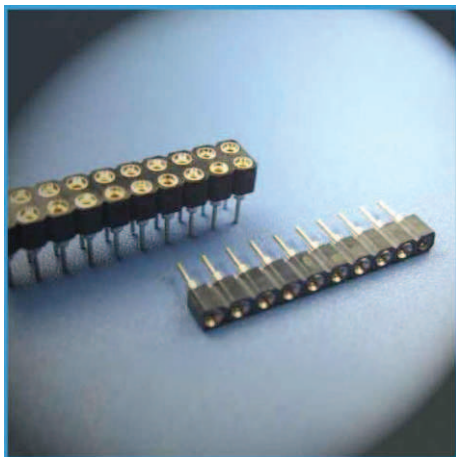
Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-2054	552022xx-2054	0	Tin	Tin
03	551032xx-2054	552032xx-2054	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551392xx-2054	552392xx-2054	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2054	552402xx-2054			

xx:plating code

BOARD TO BOARD CONNECTORS

PCB socket p.2,54 mm machined pins - Ø0,47mm THT 180° H=7.40/7.43

A



SPECIFICATIONS

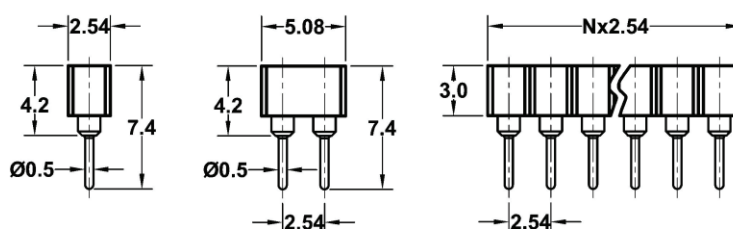
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Mate with round pins 0.40 to 0.56 mm dia.
 Hand brackable
 Suitable for 1,57 mm thick. PCB

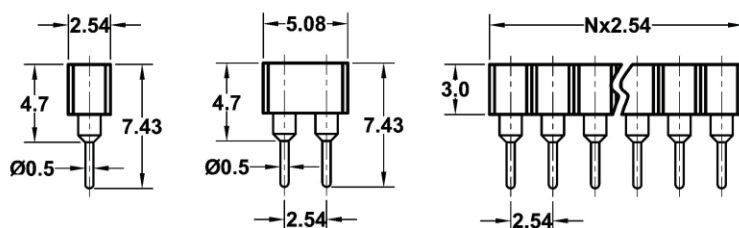
MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0
 Sleeve: Brass
 Contact clip: Beryllium copper



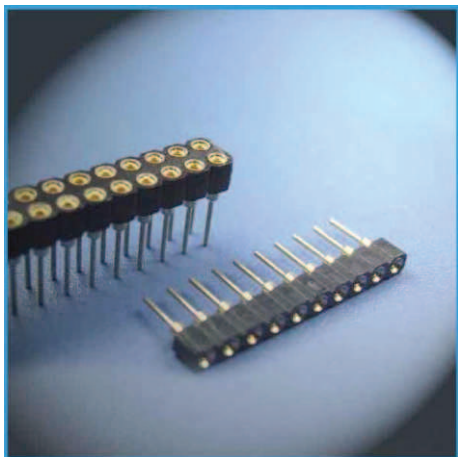
Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-2074	552022xx-2074	0	Tin	Tin
03	551032xx-2074	552032xx-2074	91	Tin	Au flash
---	---	---	92	Tin	Au 0.25 µm
---	---	---	31	Au flash	Au flash
39	551392xx-2074	552392xx-2074	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2074	552402xx-2074			

xx:plating code



Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-2075	552022xx-2075	0	Tin	Tin
03	551032xx-2075	552032xx-2075	91	Tin	Au flash
---	---	---	92	Tin	Au 0.25 µm
---	---	---	31	Au flash	Au flash
39	551392xx-2075	552392xx-2075	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2075	552402xx-2075			

xx:plating code

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Mate with round pins 0.40 to 0.56 mm dia.

Hand brackable

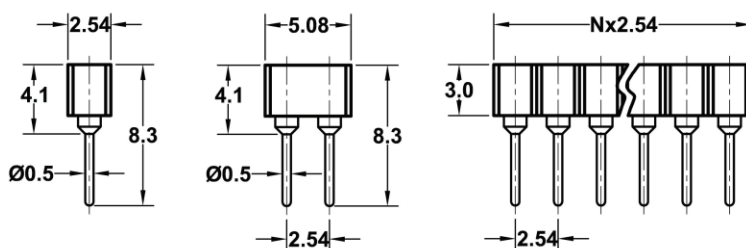
Suitable for 1,57 mm thick. PCB

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

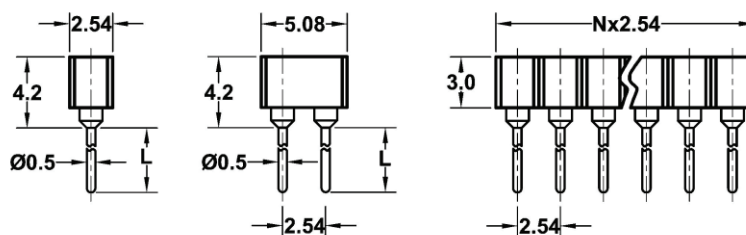
Sleeve: Brass

Contact clip: Beryllium copper



Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-2083	552022xx-2083	0	Tin	Tin
03	551032xx-2083	552032xx-2083	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551392xx-2083	552392xx-2083	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2083	552402xx-2083			

xx:plating code



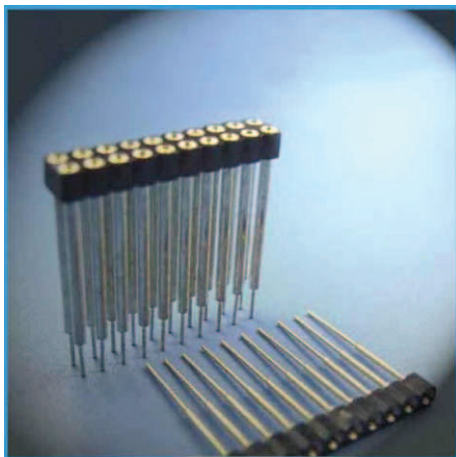
Poles x row	P/N single row	P/N dual row	L (mm)	Plating code	Sleeve plating	Clip plating
02	551022xx-2111	552022xx-2111	6.90	0	Tin	Tin
03	551032xx-2111	552032xx-2111	6.90	91	Tin	Au flash
---				92	Tin	Au 0.25 µm
---				31	Au flash	Au flash
39	551392xx-2111	552392xx-2111	6.90	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-2111	552402xx-2111	6.90			

xx:plating code

BOARD TO BOARD CONNECTORS

PCB socket p.2,54 mm machined pins - Ø0,47mm THT 180° Elevated

A



SPECIFICATIONS

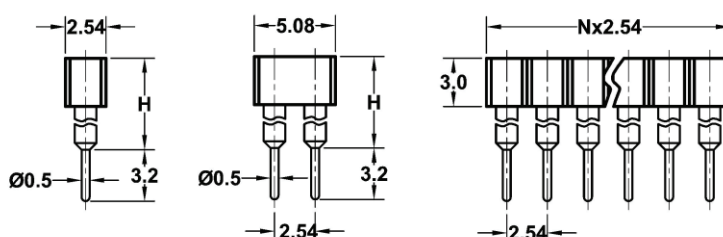
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
 4 to 80 double row
 Mate with round pins 0.40 to 0.56 mm dia.
 Suitable for 1,57 mm thick. PCB

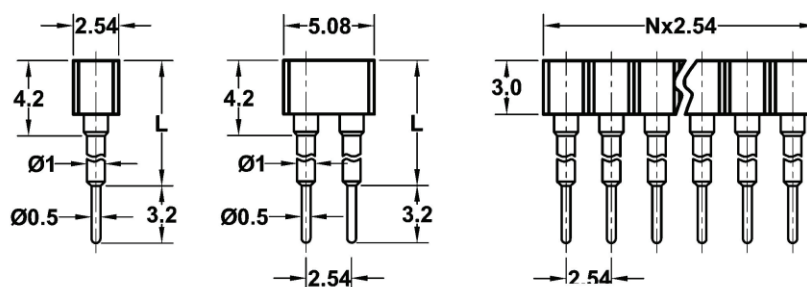
MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0
 Sleeve: Brass
 Contact clip: Beryllium copper



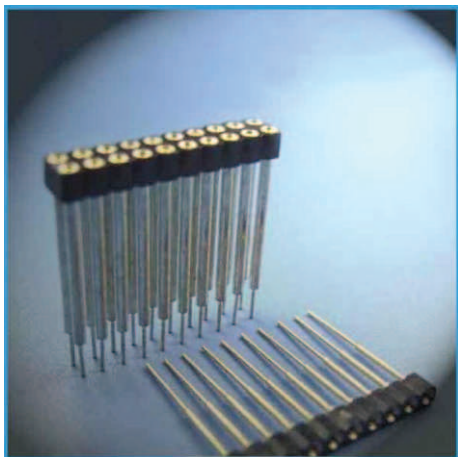
Poles/row	P/N single row	P/N dual row	H (mm)	Plating code	Sleeve plating	Clip plating
02	551022xx-2H	552022xx-2H	9.0	0	Tin	Tin
03	551032xx-2H	552032xx-2H	14.6	91	Tin	Au flash
---				92	Tin	Au 0.25 μm
---				31	Au flash	Au flash
39	551392xx-2H	552392xx-2H		31	Au 0.25 μm	Au 0.25 μm
40	551402xx-2H	552402xx-2H				

xx:plating code - Complete P/N with the requested height: H09 for 9.0 mm; H14 for 14.6 mm



Poles	P/N single row	P/N dual row	L (mm)	Plating code	Sleeve plating	Clip plating
02	551022xx-2E	552022xx-2E	6.00	0	Tin	Tin
03	551032xx-2E	552032xx-2E	7.00	91	Tin	Au flash
---			8.00	92	Tin	Au 0.25 μm
---			9.00	31	Au flash	Au flash
39	551392xx-2E	552392xx-2E	10.00	32	Au 0.25 μm	Au 0.25 μm
40	551402xx-2E	552402xx-2E	11.00			
			12.00			

xx:plating code - Complete P/N with the requested height: E06 for L=6.0 mm; E12 for L=12.0 mm



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Sleeve: Brass

Contact clip: Beryllium copper

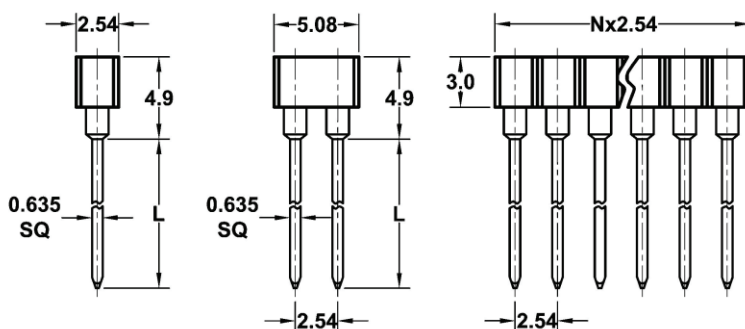
FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Mate with round pins 0.40 to 0.56 mm dia.

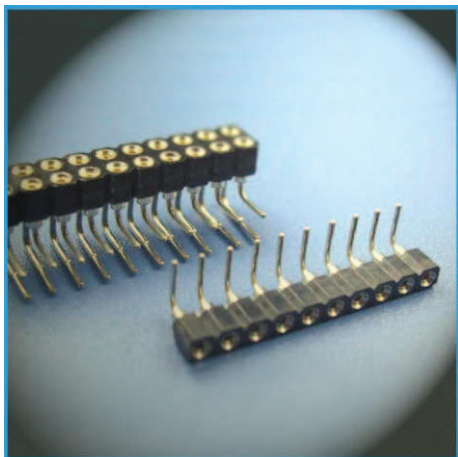
Suitable for 1,57 mm thick. PCB

[illegible]

xx:plating code - Complete P/N with the requested height: W09 for L=9,4 mm; W12 for L=12,9 mm

PCB socket p.2,54 mm machined pins - Ø0,47mm THT 90° H=5.6

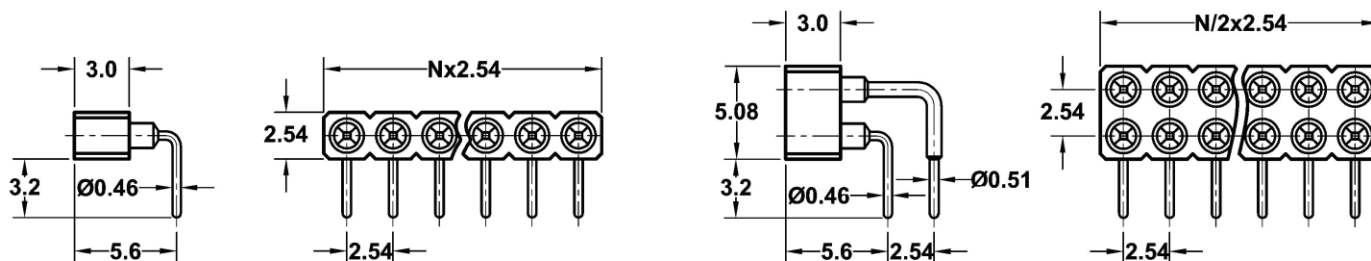
A



Voltage Rating: 250V AC,DC
Current Rating: 3 A
Contact Resistance: 10 mΩ max.
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1000V AC/minute
Temperature Range: -55°C ~ +125°C

Sizes 2 to 40 single row
4 to 80 double row
Mate with round pins 0.40 to 0.56 mm dia.
Suitable for 1.57 mm thick, PCB

Insulator: G.F. thermoplastic, UL 94 V-0
Sleeve: Brass
Contact clip: Beryllium copper

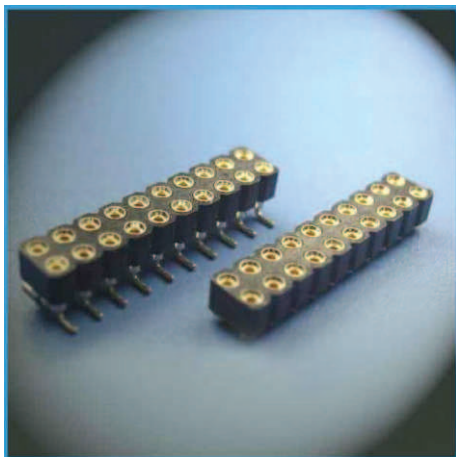
[illegible]

xx:plating code

BOARD TO BOARD CONNECTORS

PCB socket p.2,54 mm machined pins - Ø0.47 SMT 180°

A



SPECIFICATIONS

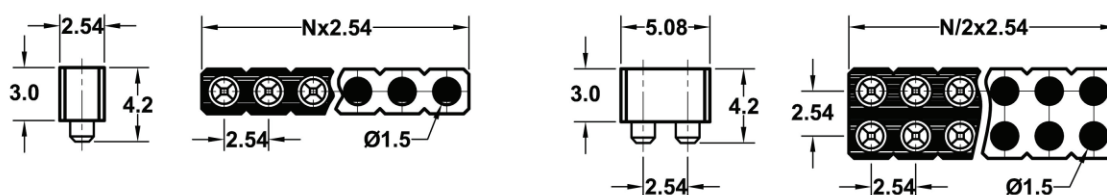
Voltage Rating: 250V AC,DC
 Current Rating: 3 A
 Contact Resistance: 10 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 3 to 40 single row
 4 to 80 double row
 Mate with round pins 0.40 to 0.56 mm dia.
 Self-Leveling floating pin (For H=4.20)
 Packaging Tube (tape&reel opt.available)
 Vacuum pick&place cap/film optional

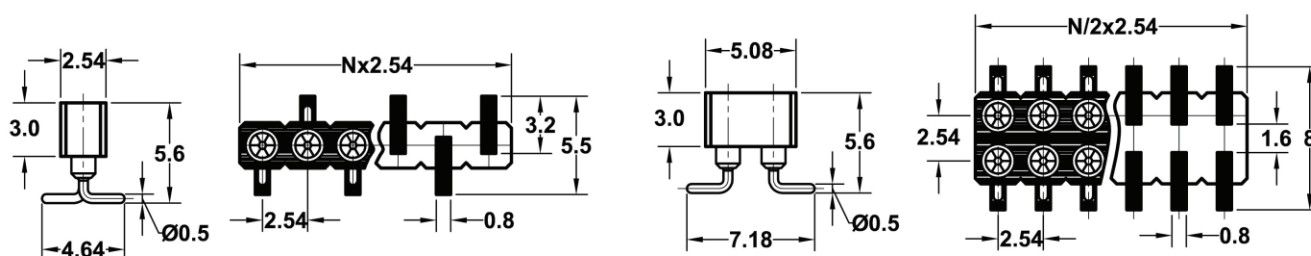
MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0
 Sleeve: Brass
 Contact clip: Beryllium copper



Poles/row	P/N sinlge row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551020xx-2042	552020xx-2042	0	Tin	Tin
03	551030xx-2042	552030xx-2042	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551390xx-2042	552390xx-2042	32	Au 0.25 µm	Au 0.25 µm
40	551400xx-2042	552400xx-2042			

xx:plating code



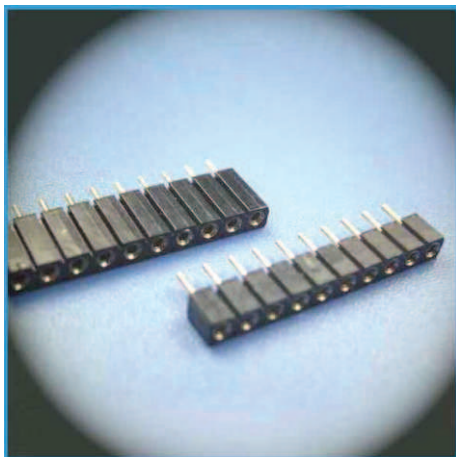
Poles	P/N sinlge row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551020xx-2056	552020xx-2056	0	Tin	Tin
03	551030xx-2056	552030xx-2056	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551390xx-2056	552390xx-2056	32	Au 0.25 µm	Au 0.25 µm
40	551400xx-2056	552400xx-2056			

xx:plating code

BOARD TO BOARD CONNECTORS

PCB socket p.2,54 mm machined pins - Ø0.76 THT180° H=7.40/10.0

A



SPECIFICATIONS

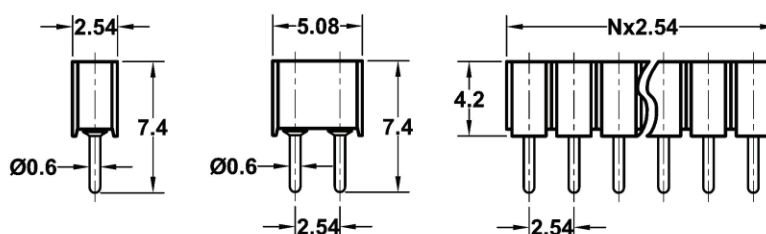
Voltage Rating: 250V AC,DC
Current Rating: 3 A
Contact Resistance: 10 mΩ max.
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1000V AC/minute
Temperature Range: -55°C ~ +125°C

FEATURES

Sizes 2 to 40 single row
4 to 80 double row
Mate with round pins 0.70 to 0.90 mm dia.
or square pins 0,63 mm
Suitable for 1,57 mm thick. PCB

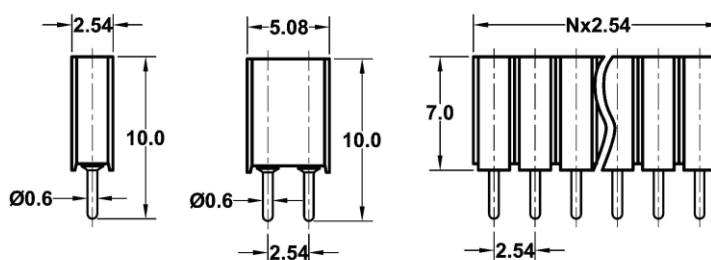
MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0
Sleeve: Brass
Contact clip: Beryllium copper



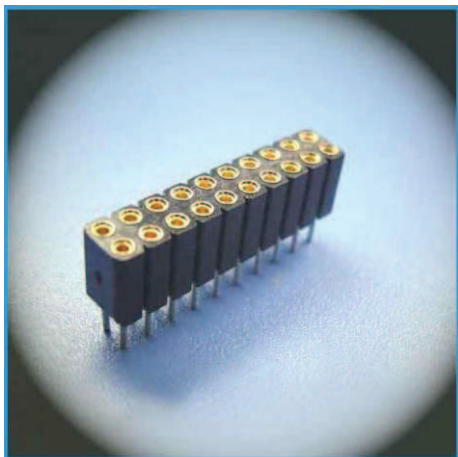
Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-3074	552022xx-3074	0	Tin	Tin
03	551032xx-3074	552032xx-3074	91	Tin	Au flash
---	---	---	92	Tin	Au 0.25 µm
---	---	---	31	Au flash	Au flash
39	551392xx-3074	552392xx-3074	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-3074	552402xx-3074			

xx:plating code



Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551022xx-3100	552022xx-3100	0	Tin	Tin
03	551032xx-3100	552032xx-3100	91	Tin	Au flash
---	---	---	92	Tin	Au 0.25 µm
---	---	---	31	Au flash	Au flash
39	551392xx-3100	552392xx-3100	32	Au 0.25 µm	Au 0.25 µm
40	551402xx-3100	552402xx-3100			

xx:plating code



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Sleeve: Brass

Contact clip: Beryllium copper

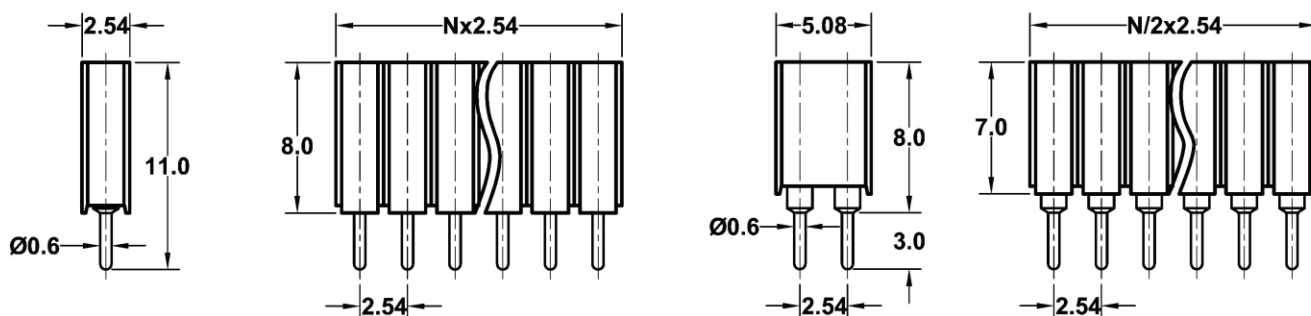
FEATURES

Sizes 2 to 40 single row

4 to 80 double row

Mate with round pins 0.70 to 0.90 mm dia.
or square pins 0.63 mm

Suitable for 1,57 mm thick. PCB

[illegible]

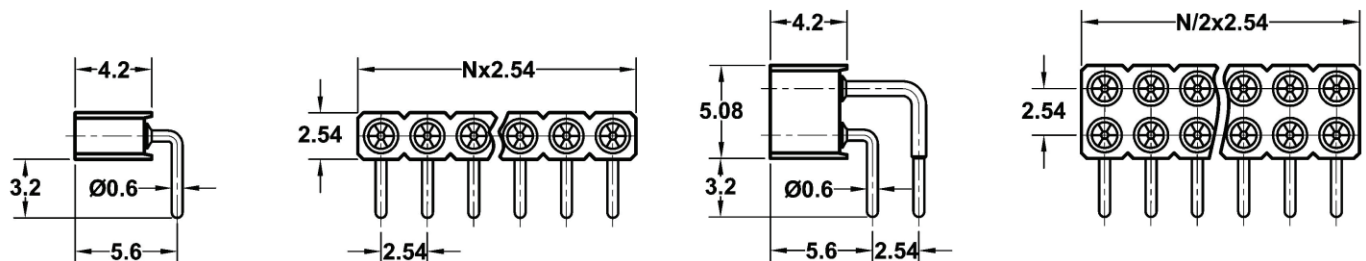
xx:plating code

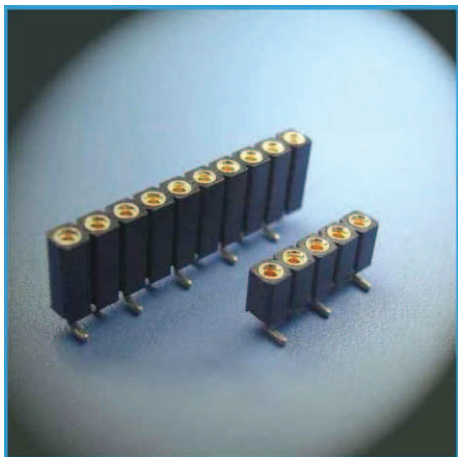
PCB socket p.2,54 mm machined pins - Ø0.76 THT90° H=5.6/8.3

Voltage Rating: 250V AC,DC
Current Rating: 3 A
Contact Resistance: 10 mΩ max.
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1000V AC/minute
Temperature Range: -55°C ~ +125°C

Insulator: G.F. thermoplastic, UL 94 V-0
Sleeve: Brass
Contact clip: Beryllium copper

Sizes 2 to 40 single row
4 to 80 double row
Mate with round pins 0.70 to 0.90 mm dia.
or square pins 0,63 mm
Suitable for 1,57 mm thick. PCB

xx:plating code

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3 A

Contact Resistance: 10 mΩ max.

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

Sleeve: Brass

Contact clip: Beryllium copper

FEATURES

Sizes 3 to 40 single row

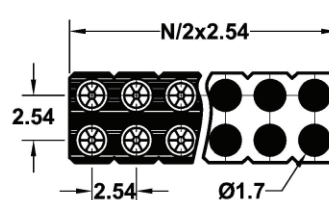
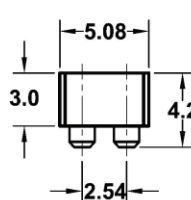
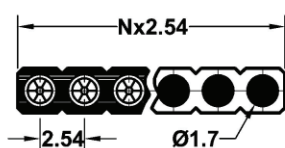
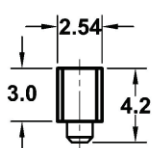
4 to 80 double row

Mate with round pins 0.70 to 0.90 mm dia.
or square pins 0,63 mm

Self-Leveling floating pin (For H=4.20)

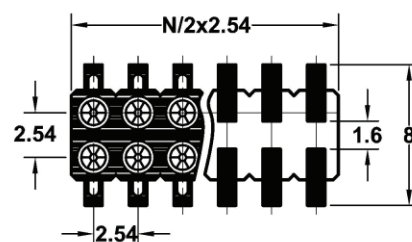
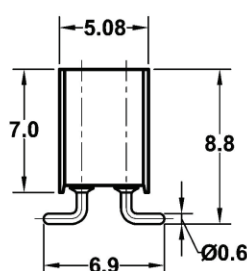
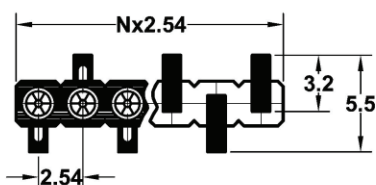
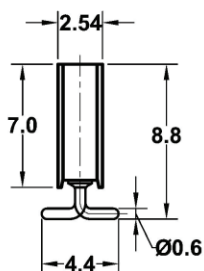
Packaging Tube (tape&reel opt.available)

Vacuum pick&place cap/film optional



Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551020xx-3042	552020xx-3042	0	Tin	Tin
03	551030xx-3042	552030xx-3042	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551390xx-3042	552390xx-3042	32	Au 0.25 µm	Au 0.25 µm
40	551400xx-3042	552400xx-3042			

xx:plating code



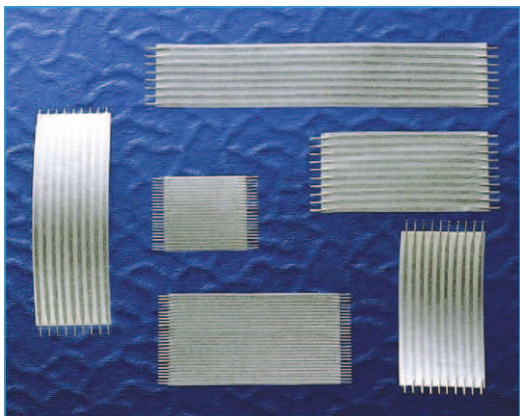
Poles/row	P/N single row	P/N dual row	Plating code	Sleeve plating	Clip plating
02	551020xx-3088	552020xx-3088	0	Tin	Tin
03	551030xx-3088	552030xx-3088	91	Tin	Au flash
---			92	Tin	Au 0.25 µm
---			31	Au flash	Au flash
39	551390xx-3088	552390xx-3088	32	Au 0.25 µm	Au 0.25 µm
40	551400xx-3088	552400xx-3088			

xx:plating code

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Flexible Connections - Jumpflex

B



SPECIFICATIONS

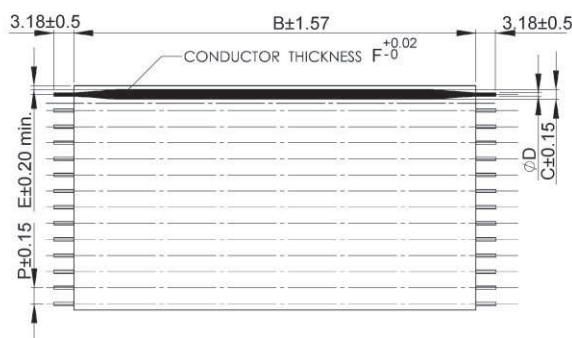
Current Rating: see table
 Insulation Resistance: see table
 Voltage Rating: see table
 Withstanding Voltage: see table
 Temperature Range: -40°C ~ +125°C

MATERIAL

Insulator: Nomex™, UL 5188
 Conductor: Pure electrolytic copper
 Plating: Pure Tin

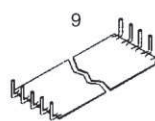
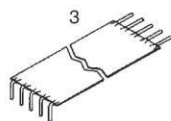
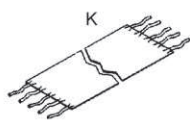
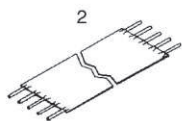
FEATURES

Quick connection
 High vibration resistance
 Break safe
 Connection reliability guaranteed after millions of folding cycles
 Cost saving for easy handling&assembly



Pitch	P(mm)	1.27	2.00	2.54	5.08
Lenght	B (in.)	0.5/1.0/1.5/2.0/2.5/3.0/3.5/4.0/4.5/5.0/5.5/6.0			
Edge max.	E(mm)	0.6	0.6	0.6	0.6
Pin diameter	D(mm)	0.3	0.4	0.5	0.5
Wire gauge	AWG	28	26	24	24
Flat conductor width	C(mm)	0.80	1.30	1.50	1.50
Flat conductor tck.	F(mm)	0.10	0.11	0.12	0.12
Current rating at 20°C	A	1.5	2.0	3.0	3.0
Voltage rating	V	200	200	300	300
Dielectric withst. voltage	V/min.	1000	1500	1500	1500

Termination Style



B=1 in.	B=2 in.	B=3 in.	B=4 in.	B=5 in.	B=6 in.	Term. Style
Pitch 1.27 mm						
50199xx21	50199xx22	50199xx23	50199xx24	50199xx25	50199xx26	2
50199xx31	50199xx32	50199xx33	50199xx34	50199xx35	50199xx36	3
50199xx41	50199xx42	50199xx43	50199xx44	50199xx45	50199xx46	K
50199xx91	50199xx92	50199xx93	50199xx94	50199xx95	50199xx96	9
Pitch 2.0 mm						
57199xx21	57199xx22	57199xx23	57199xx24	57199xx25	57199xx26	2
57199xx31	57199xx32	57199xx33	57199xx34	57199xx35	57199xx36	3
57199xx41	57199xx42	57199xx43	57199xx44	57199xx45	57199xx46	K
57199xx91	57199xx92	57199xx93	57199xx94	57199xx95	57199xx96	9
Pitch 2.54 mm						
51199xx21	51199xx22	51199xx23	51199xx24	51199xx25	51199xx26	2
51199xx31	51199xx32	51199xx33	51199xx34	51199xx35	51199xx36	3
51199xx41	51199xx42	51199xx43	51199xx44	51199xx45	51199xx46	K
51199xx91	51199xx92	51199xx93	51199xx94	51199xx95	51199xx96	9
Pitch 5.08 mm						
54199xx21	54199xx22	54199xx23	54199xx24	54199xx25	54199xx26	2
54199xx31	54199xx32	54199xx33	54199xx34	54199xx35	54199xx36	3
54199xx41	54199xx42	54199xx43	54199xx44	54199xx45	54199xx46	K
54199xx91	54199xx92	54199xx93	54199xx94	54199xx95	54199xx96	9

xx=n° of poles 01-22 or 5K (reel 5,000 pin)

Std insulator: Nomex.

For other version (pitch/length/insulator/termin. style), please contact us.

**MATERIAL**

Conductor: Tin coated flat copper wire

Insulator: Polyester (PET), white color

Support Tape: Polyester (PET), blue color

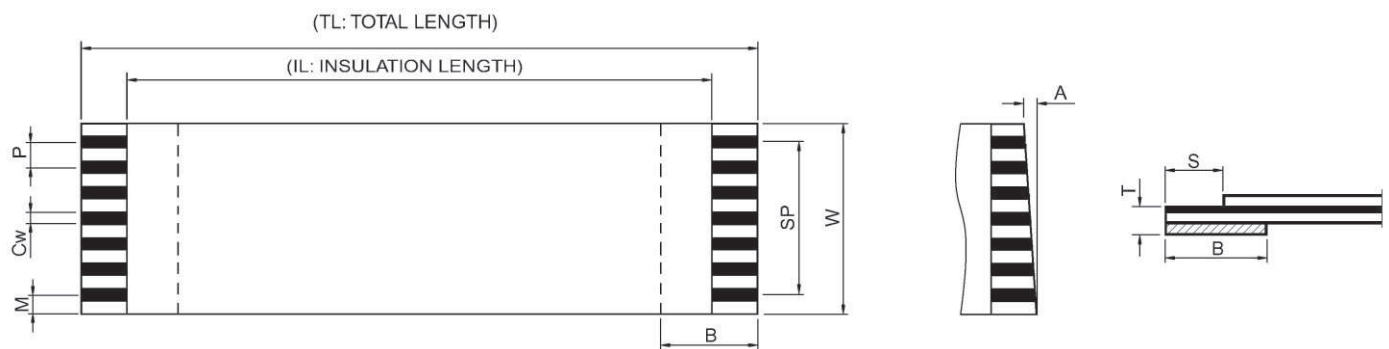
FEATURES

Light weight and flexible

Easy assembling & low production cost

Excellent flexibility

Space saving



Item	Abbr.	P=0.5	P=0.8	P=1.0	P=1.25	P=2.54
Pitch	P	±0.05	±0.08	±0.1	±0.1	±0.1
Poles	--	8-70	8-70	7-70	4-70	4-33
Total pitch	SP	$0.5 \times (N-1) \pm 0.1$	$0.8 \times (N-1) \pm 0.1$	$1.0 \times (N-1) \pm 0.2$	$1.25 \times (N-1) \pm 0.2$	$2.54 \times (N-1) \pm 0.2$
Cable width	W	$0.5 \times (N+1) \pm 0.1$	$0.8 \times (N+1) \pm 0.1$	$1.0 \times (N+1) \pm 0.2$	$1.25 \times (N+1) \pm 0.2$	$2.54 \times (N+1) \pm 0.3$
Margin	M	0.5 ± 0.1	0.8 ± 0.1	1.0 ± 0.2	1.25 ± 0.2	2.54 ± 0.3
Thickness	T	0.3 ± 0.05	0.3 ± 0.05	0.3 ± 0.05	0.3 ± 0.05	0.3 ± 0.05
Strip Length	S	4 ± 0.8	4 ± 0.8	4 ± 0.8	5.0 ± 0.8	5.0 ± 0.8
Support tape len.	B	6.0 ± 2.0	7.0 ± 0.2	7.0 ± 2.0	8.0 ± 2.0	8.0 ± 2.0
Insulation length	IL	30.0 min (all pitch)				
Total Length	TL	$IL + S1 + S2$				
Conductor width	Cw	see next page				
Conductor Tck.	Ct	see next page				

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Flat Flexible Cable - FFC

B

No	Test Item	Characteristics							
1	Operating temperature	-20°C ~ 80°C							
2	Voltage rating	30V (UL2896), 60V (UL20624)							
3	Conductor plating	Tih plate thickness: 2 - 5 µm							
4	Insulation	PET film + PET adhesive							
5	Conductor size	0.1	0.1	0.1	0.1	0.035	0.035	0.035	0.035
		x	x	x	x	x	x	x	x
6	Conductor resistance (Ω/m) at 20°C	1.27	0.8	0.7	0.5	0.8	0.7	0.5	0.3
		Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω
7	Insulation resistance (/m)	More than 100MΩ(DC500V, at 20°C)							
8	Dielectric strenght between conductors	DC 500V for 1 min.							

PITCH		0.5	0.8	1.0
CONDUCTORS	Thickness (Ct)	0.035±0.003	0.035±0.003 0.1±0.01	0.035±0.003 0.1±0.01
	Width (Cw)	0.3±0.03	0.5±0.03 0.7±0.03	0.5±0.03 0.7±0.03
PITCH		1.25	2.0	2.54
CONDUCTORS	Thickness (Ct)	0.035±0.003 0.1±0.01	0.035±0.003 0.1±0.01	0.1±0.01
	Width (Cw)	0.5±0.03 0.8±0.03	0.5±0.03 0.8±0.03	1.27±0.04

	Standard type	Super Thin FFC	Ultra Thin FFC
Thickness (T)	0.17mm±0.02	0.12mm±0.02	0.10mm±0.01
Flexibility Life	100,000 Times ^(*)	3,000,000 Times ^(*)	10,000,000 Times ^(*)
Used Conductors	0.1x0.7 0.1x0.8	0.035x0.8 0.035x0.7	0.028x0.65

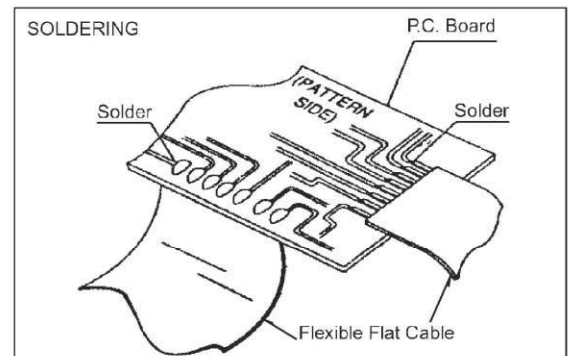
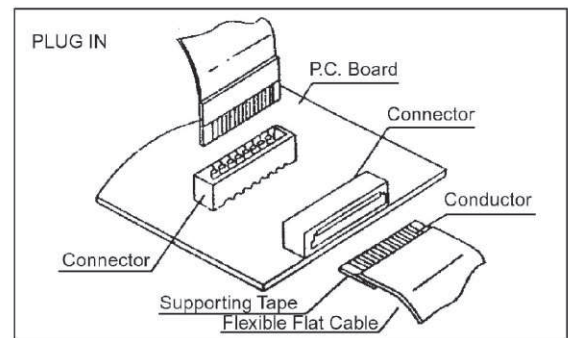
(*) Z-BENDING TEST: 15R, 100mm stroke, 60 cycles/min.

(**) U-BENDING TEST: 10mm gap, 40mm stroke, 180 cycles/min.

UL STYLE	Temperature	Voltage
2896	80°C	30V
20624	80°C	60V
20706	105°C	60V
2643	105°C	300V

Std. Products: UL2896, 20624

For other Style, please contact Us (MOQ required)



TYPE	CABLE CONFIGURATION
A	
B	
C	
D	

HOW TO ORDER

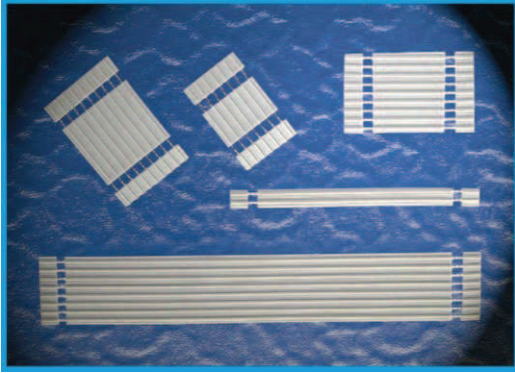
FFC

PITCH _____
1=2.54 - 5=0.5 - 6=1.25 - 7=2.0 - 8=0.8 - 9=1.0

INSULATION LENGTH (mm) _____

NR. OF WAYS (n) _____

CABLE CONFIGURATION _____



SPECIFICATIONS

UL Style : 2651

Rate Temperature: 105°C

Voltage Rating: 300V AC

Flame Test : VW-1

Insulation Resistance: 100 MΩ-Km /minute

FEATURES

Size 2 to 50 poles

AWG 26 std (p. 3,96 AWG 18)

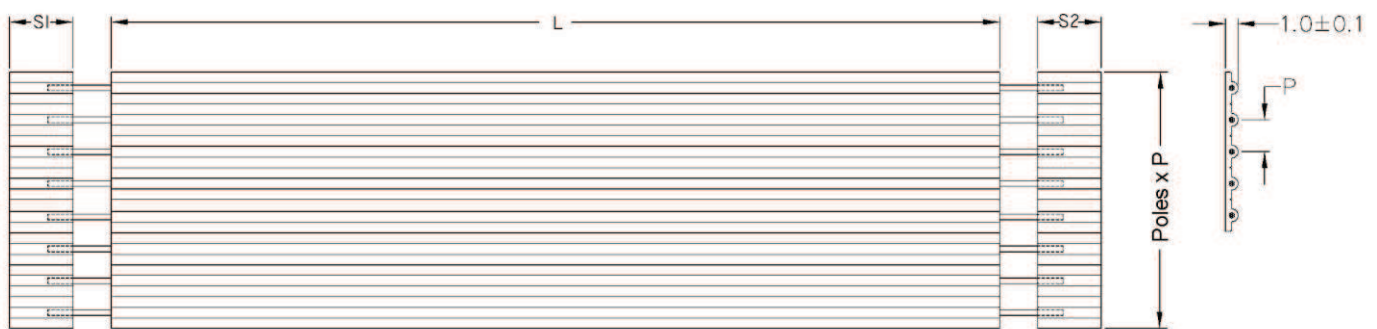
Pre-stripped termination for easy assembly

Packaging bag

MATERIAL

Insulator: PVC, grey color

Conductor: Tinned copper wire - stranded

[illegible]

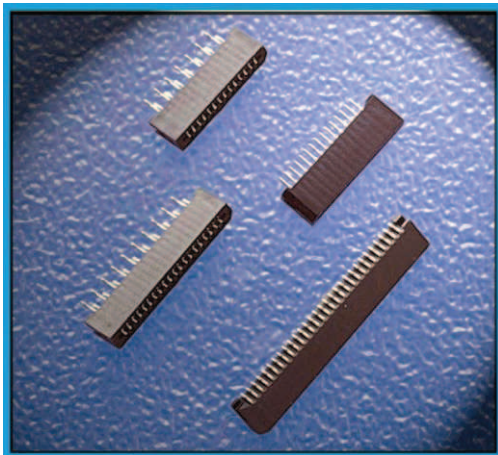
xxx: Fill with the requested **Insulation length L(mm)**. Optional AWG : 22-24 (not for pitch 3,96)

Standard Termination S1/S2= 5 mm semistrip on both sides, for other strip length please contact us.

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - LIF conn. p.1,0 mm THT 90/180°

B



SPECIFICATIONS

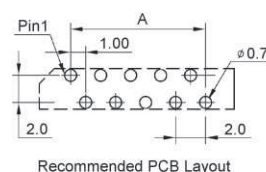
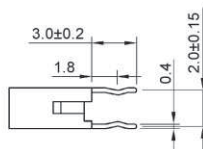
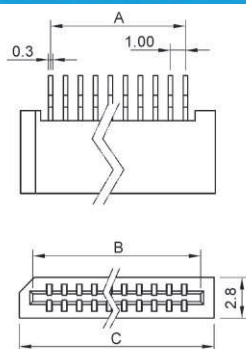
Current Rating: 0.5 A
Voltage Rating: 50V AC,DC
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 500V AC/minute
Temperature Range: -40°C ~ +105°C
Contact Resistance: 30 mΩ max.

FEATURES

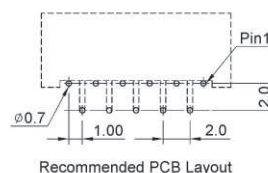
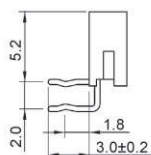
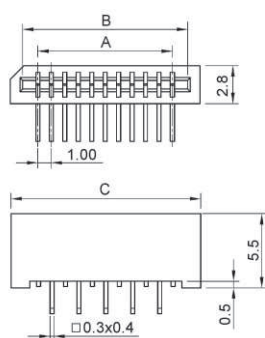
Size 2 to 36 poles
Suitable for 1.57mm thick PCB
Accept FFC/FPC tck 0.3 mm
Packaging Tube

MATERIAL

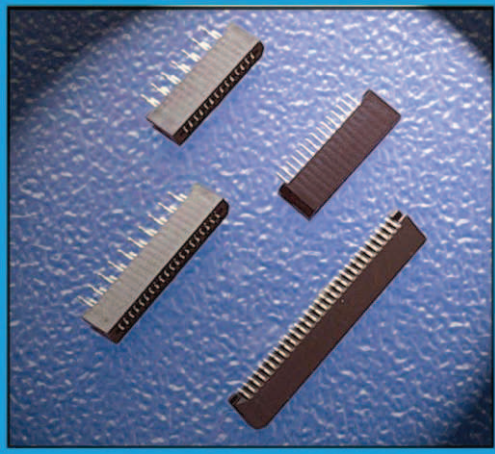
Insulator: G.F. thermoplastic, UL 94 V-0
Contact: Copper alloy
Plating: Tin over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)
02	593470220	1.00	3.10	5.00
03	593470320	2.00	4.10	6.00
04	593470420	3.00	5.10	7.00
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
34	593473420	33.00	35.10	37.00
35	593473520	34.00	36.10	38.00
36	593473620	35.00	37.10	39.00



Poles	Part. No.	A (mm)	B (mm)	C (mm)
02	593470390	1.00	3.10	5.00
03	593470390	2.00	4.10	6.00
04	593470490	3.00	5.10	6.00
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
---	---	---	---	---
34	593473490	33.00	35.10	37.00
35	593473590	34.00	36.10	38.00
36	593473690	35.00	37.10	39.00

**SPECIFICATIONS**

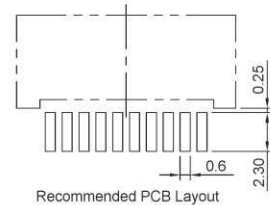
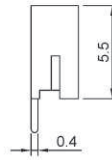
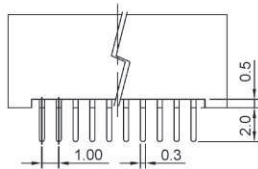
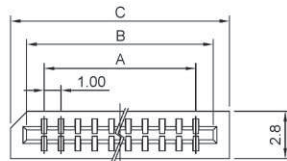
Current Rating: 0.5 A
 Voltage Rating: 50V AC,DC
 Insulation Resistance: 1000 MΩ min
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 30 mΩ max.

FEATURES

Size 2 to 36 poles
 Accept FFC/FPC tck 0.3 mm
 Optional Pick&place Pad (180°)
 Packaging Tube or Tape & reel
 Vacuum pick&place cap/film optional

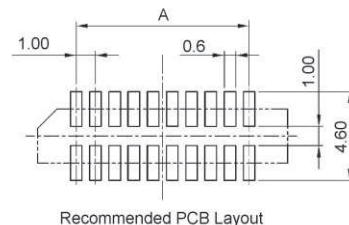
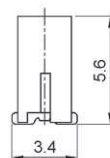
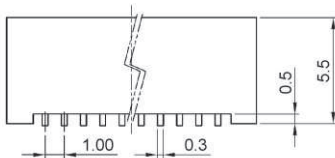
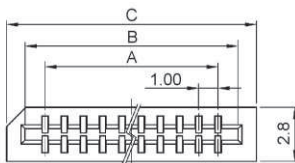
MATERIAL

Insulator: Nylon 6T, UL 94V-0
 Contact: Copper alloy
 Plating: Tin over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)
2	593470200-H*	1.00	3.10	5.00
3	593470300-H*	2.00	4.10	6.00
4	593470400-H*	3.00	5.10	7.00
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34	593473400-H*	33.00	35.10	37.00
35	593473500-H*	34.00	36.10	38.00
36	593473600-H*	35.00	37.10	39.00

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)



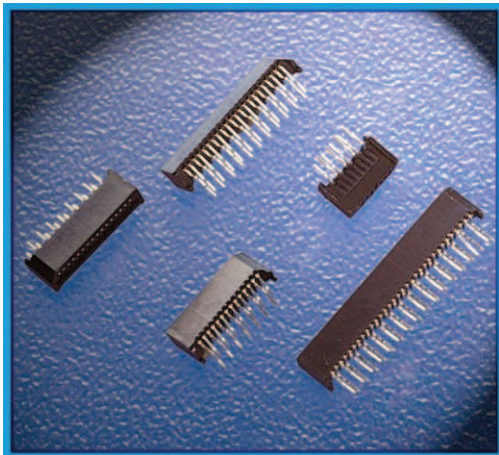
Poles	Part. No.	A (mm)	B (mm)	C (mm)
02	593470200-V*	1.00	3.10	5.00
03	593470300-V*	2.00	4.10	6.00
04	593470400-V*	3.00	5.10	7.00
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34	593473400-V*	33.00	35.10	37.00
35	593473500-V*	34.00	36.10	38.00
36	593473600-V*	35.00	37.10	39.00

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - LIF conn. p.1,25 mm THT 180°

B



SPECIFICATIONS

Current Rating: 1A AC,DC

Insulation Resistance: 500 MΩ min.

Voltage Rating: 200V AC,DC

Temperature Range: -40°C ~ +105°C

Contact Resistance: 30 mΩ max.

FEATURES

Size 3 to 36 poles

Suitable for 1.57mm thick PCB

Accept FFC/FPC tck 0.3 mm

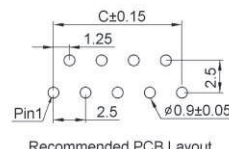
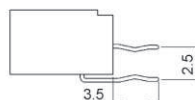
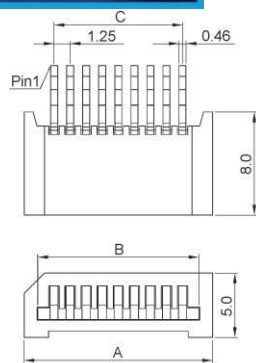
Packaging Tube

MATERIAL

Insulator: G.F. thermoplastic, UL 94 V-0

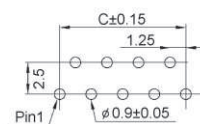
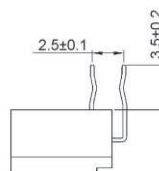
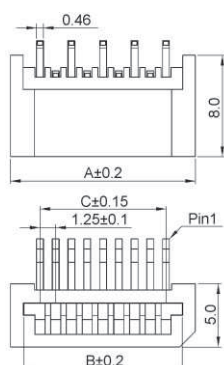
Contact: Copper alloy

Plating: Tin over Nickel



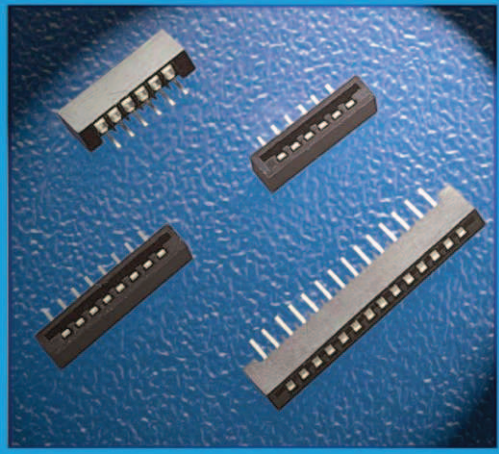
Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
03	503470320	7.30	5.15	2.50
04	503470420	8.55	6.40	3.75
05	503470520	9.80	7.65	5.00
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34	503473420	46.05	43.90	41.25
35	503473520	47.30	45.15	42.50
36	503473620	48.55	46.40	43.75



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
03	503470390	7.30	5.15	2.50
04	503470490	8.55	6.40	3.75
05	503470590	9.80	7.65	5.00
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---	---	---	---	---
34	503473490	46.05	43.90	41.25
35	503473590	47.30	45.15	42.50
36	503473690	48.55	46.40	43.75

**SPECIFICATIONS**

Current Rating: 1A AC,DC

Insulation Resistance: 1000 MΩ min.

Voltage Rating: 200V AC max.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 2 to 30 poles

Suitable for 1.57mm thick PCB

Accept FFC/FPC tck 0.3 mm

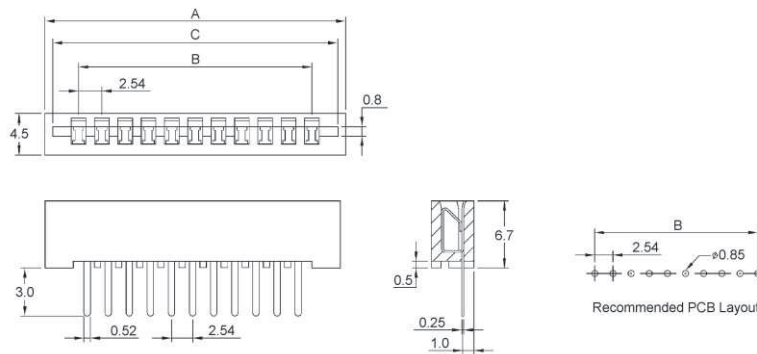
Packaging Tube

MATERIAL

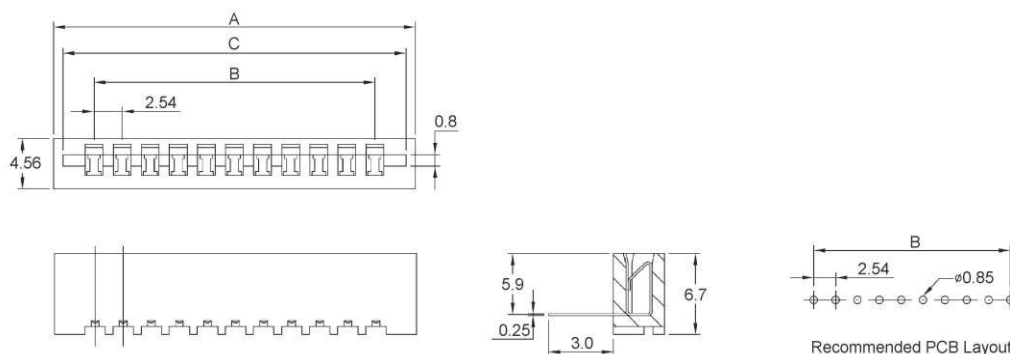
Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Plating: Tin over Nickel



Poles	Part. No	A (mm)	B (mm)	C (mm)
2	513470220	10.54	2.54	8.43
3	513470320	13.08	5.08	10.97
4	513470420	15.62	7.62	13.51
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28	513472820	76.58	68.58	74.47
29	513472920	79.12	71.12	77.01
30	513473020	81.66	73.66	79.55



Poles	Part. No.	A (mm)	B (mm)	C (mm)
2	513470290	10.54	2.54	8.43
3	51.470390	13.08	5.08	10.97
4	513470490	15.62	7.62	13.51
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28	513482890	76.58	68.58	74.47
29	513472990	79.12	71.12	77.01
30	513473090	81.66	73.66	79.55

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - ZIF conn. p.0,5 mm SMT 90°

B



SPECIFICATIONS

Voltage Rating: 50V AC,DC

Current Rating: 0.5A

Contact Resistance: 20 mΩ max.

Insulation Resistance: 100 MΩ min.

Withstanding Voltage: 250V AC/minute

Temperature Range: -20°C ~ +85°C

FEATURES

Size 6 to 60 poles

Accept FFC/FPC tck 0.3 mm

Vacuum pick&place cap optional

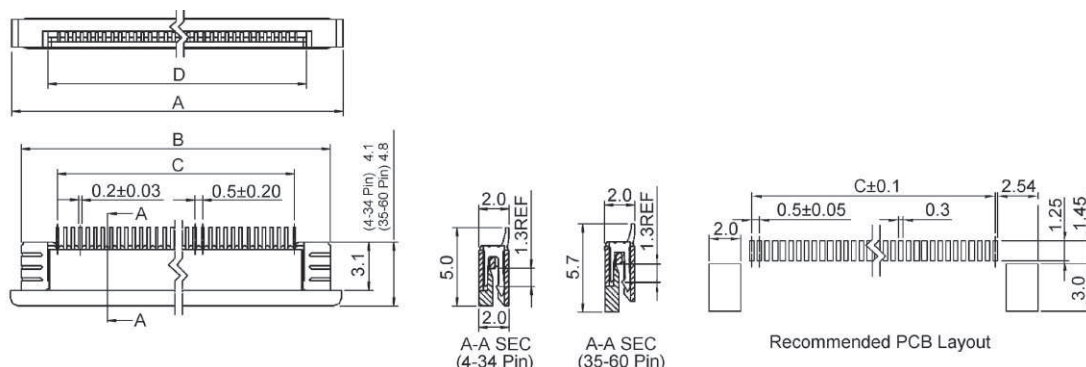
Packaging Tube or Tape & reel

MATERIAL

Insulator: Nylon 6T, UL 94V-0

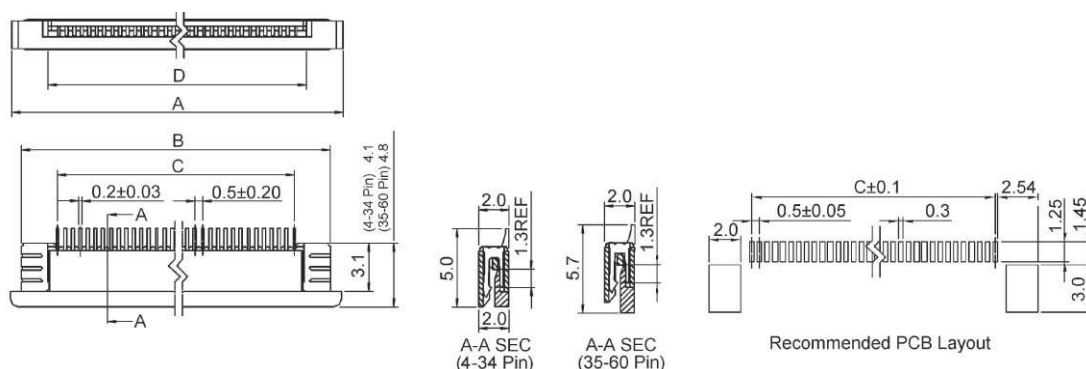
Contact: Phosphor bronze

Plating: Tin plated



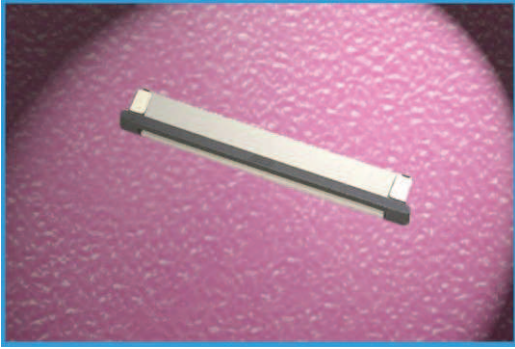
Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
4	553480400-L*	7.60	6.50	1.50	2.80
5	553480500-L*	8.10	7.00	2.00	3.30
6	553480600-L*	8.60	7.50	2.50	3.80
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58	553485800-L*	34.60	33.50	28.50	29.80
59	553485900-L*	35.10	34.00	29.00	30.30
60	553486000-L*	35.60	34.50	29.50	30.80

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
4	553480400-U*	7.60	6.50	1.50	2.80
5	553480500-U*	8.10	7.00	2.00	3.30
6	553480600-U*	8.60	7.50	2.50	3.80
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---	---	---	---	---	---
58	553485800-U*	34.60	33.50	28.50	29.80
59	553485900-U*	35.10	34.00	29.00	30.30
60	553486000-U*	35.60	34.50	29.50	30.80

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)

**SPECIFICATIONS**

Voltage Rating: 50V AC,DC

Current Rating: 0.5A

Contact Resistance: 20 mΩ max.

Insulation Resistance: 100 MΩ min.

Withstanding Voltage: 250V AC/minute

Temperature Range: -20°C ~ +85°C

FEATURES

Size 6 to 60 poles

Accept FFC/FPC tck 0.3 mm

Packaging Tube or Tape & reel

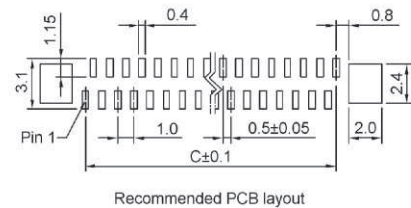
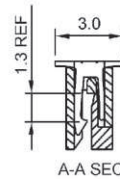
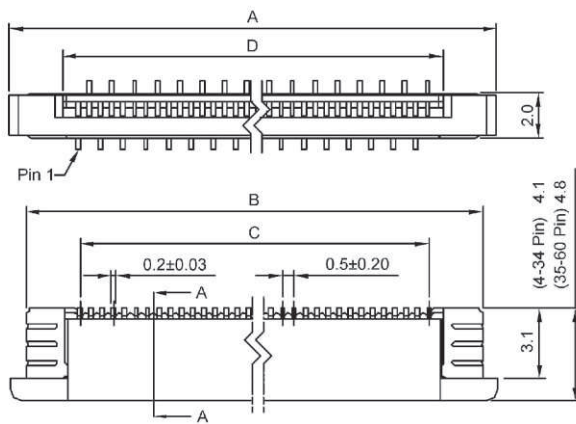
Vacuum pick&place cap/film optional

MATERIAL

Insulator: Nylon 6T, UL 94V-0

Contact: Phosphor bronze

Plating: Tin plated



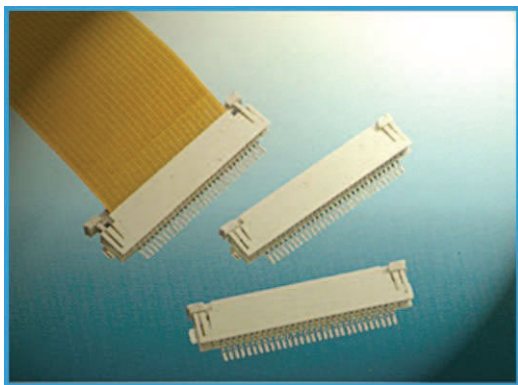
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D(mm)
4	553480400-V*	7.60	6.50	1.50	2.80
5	553480500-V*	8.10	7.00	2.00	3.30
6	553480600-V*	8.60	7.50	2.50	3.80
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---	---	---	---	---	---
58	553485800-V*	34.60	33.50	28.50	29.80
59	553485900-V*	35.10	34.00	29.00	30.30
60	553486000-V*	35.60	34.50	29.50	30.80

*2 (Tube pack); *3 (Tape&reel 'pack)

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - ZIF conn. p.0,8 mm SMT 90°

B



SPECIFICATIONS

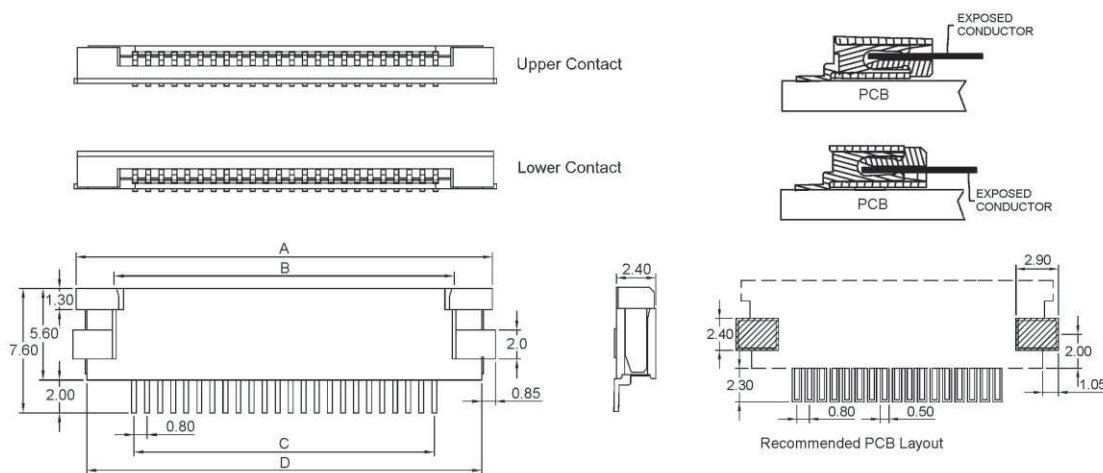
Voltage Rating: 100V AC,DC
 Current Rating: 1 A
 Contact Resistance: 20 mΩ max.
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -40°C ~ +85°C

FEATURES

Size 4 to 30 poles
 Accept FFC/FPC tck 0.3 mm
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional

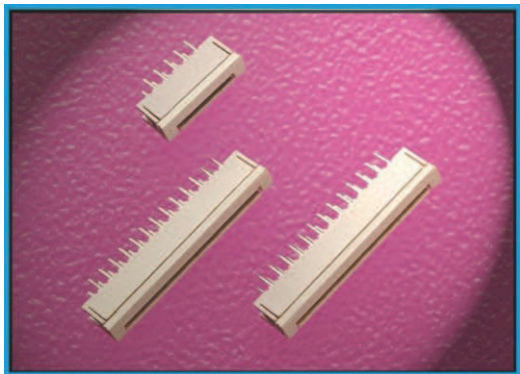
MATERIAL

Insulator: Nylon 46, UL 94V-0
 Contact: Phosphor bronze
 Plating: Tin over nickel



Poles	P/N. Lower c.	P/N. Upper c.	A (mm)	B (mm)	C (mm)	D (mm)
4	583480400-L*	583480400-U*	9.50	4.84	2.40	8.20
5	583480500-L*	583480500-U*	10.30	5.64	3.20	9.00
6	583480600-L*	583480500-U*	11.10	6.44	4.00	9.80
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28	583482800-L*	583482800-U*	28.70	24.04	21.60	27.40
29	583482900-L*	583482900-U*	29.50	24.84	22.40	28.20
30	583483000-L*	583483000-U*	30.30	25.64	23.20	29.00

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)

**SPECIFICATIONS**

Voltage Rating: 100V AC,DC

Current Rating: 1A

Contact Resistance: 20 mΩ max.

Insulation Resistance: 500 MΩ min.

Withstanding Voltage: 500V AC/minute

Temperature Range: -40°C ~ +85°C

MATERIALS

Insulator: Nylon 46, UL 94V-0

Actuator: PPA, UL 94 V-0

Contact: Phosphor bronze

Plating: Tin plated

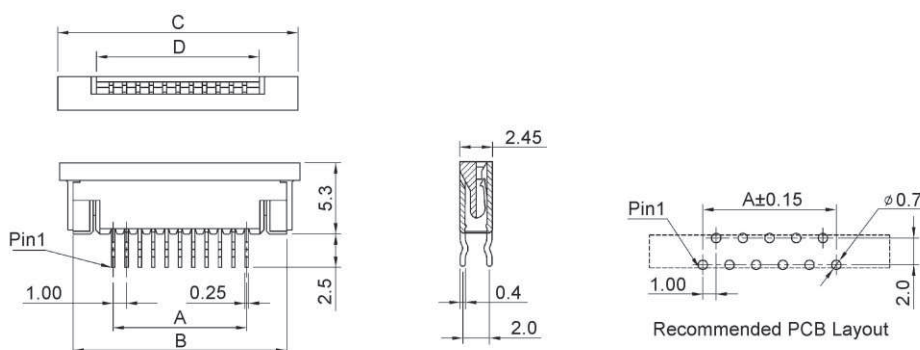
FEATURES

Size 4 to 34 poles

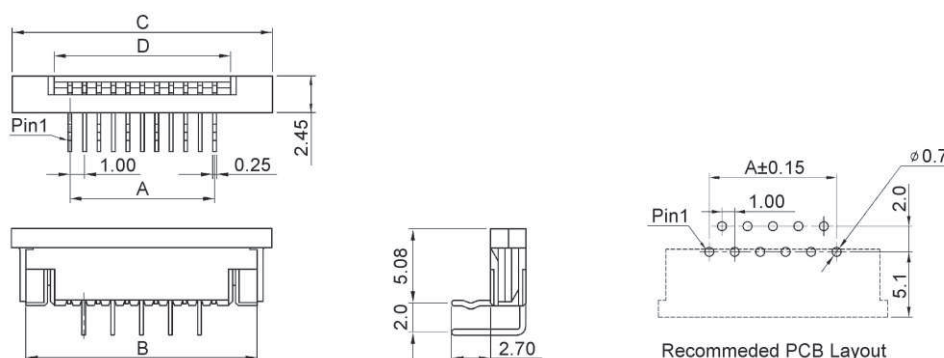
Suitable for 1.57mm thick PCB

Accept FFC/FPC tck 0.3 mm

Packaging Tube



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
4	593480420	3.00	9.00	11.00	5.05
5	593480520	4.00	10.00	12.00	6.05
6	593480620	5.00	11.00	13.00	7.05
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32	593483220	31.00	37.00	39.00	33.05
33	593483320	32.00	38.00	40.00	34.05
34	593483420	33.00	39.00	41.00	35.05

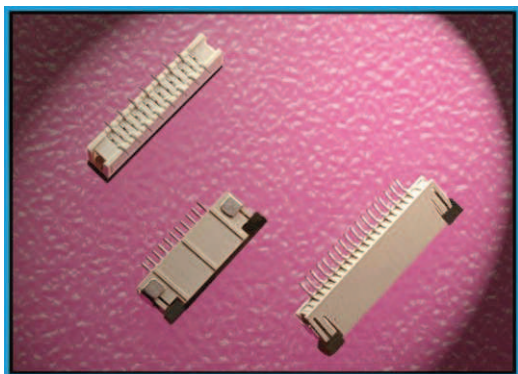


Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
4	593480490	3.00	9.00	11.00	5.05
5	593480590	4.00	10.00	12.00	6.05
6	593480690	5.00	11.00	13.00	7.05
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32	593483290	31.00	37.00	39.00	33.05
33	593483390	32.00	38.00	40.00	34.05
34	593483490	33.00	39.00	41.00	35.05

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - ZIF conn. p.1,0 mm SMT 90/180° - Solder Tabs

B



SPECIFICATIONS

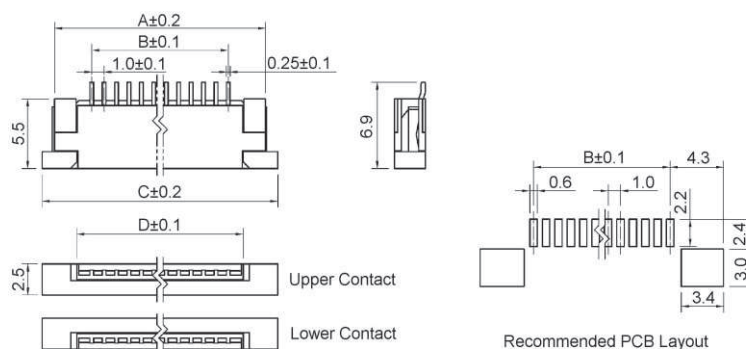
Voltage Rating: 100V AC,DC
 Current Rating: 1 A
 Contact Resistance: 20 mΩ max.
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -40°C ~ +85°C

FEATURES

Size 4 to 30 poles
 Accept FFC/FPC tck 0.3 mm
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional

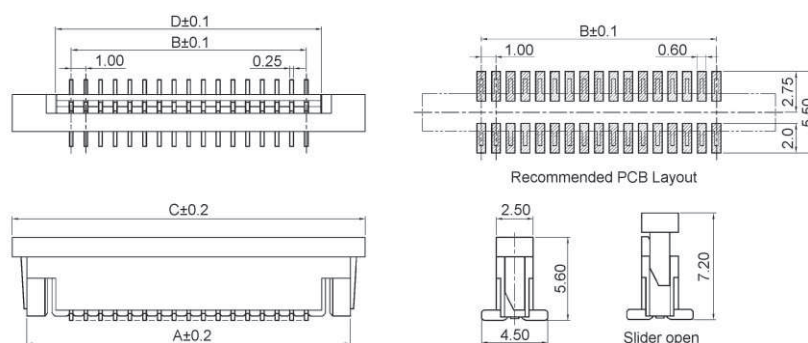
MATERIAL

Insulator LCP, UL 94V-0
 Actuator LCP, UL 94V-0
 Contact Phosphor bronze
 Plating Tin plated



Poles	P/N Lower c.	P/N Upper c.	A (mm)	B (mm)	C (mm)	D(mm)
4	593480400-L*	593480400-U*	9.10	3.00	11.10	5.10
5	593480500-L*	593480500-U*	10.10	4.00	12.10	6.10
6	593480600-L*	593480600-U*	11.10	5.00	13.10	7.10
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28	593482800-L*	593482800-U*	33.10	27.00	35.10	29.10
29	593482900-L*	593482900-U*	34.10	28.00	36.10	30.10
30	593483000-L*	593483000-U*	35.10	29.00	37.10	31.10

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)

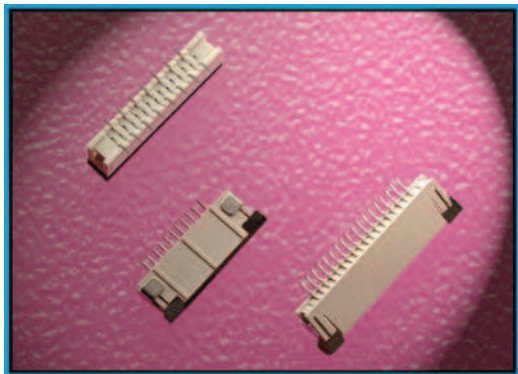


Poles	P/N Vertical	A (mm)	B (mm)	C (mm)	D(mm)
4	593480400-V*	9.10	3.00	11.10	5.10
5	593480500-V*	10.10	4.00	12.10	6.10
6	593480600-V*	11.10	5.00	13.10	7.10
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---	---	---	---	---	---
28	593482800-V*	33.10	27.00	35.10	29.10
29	593482900-V*	34.10	28.00	36.10	30.10
30	593483000-V*	35.10	29.00	37.10	31.10

*=2 (Tube pack.); *=3 (Tape&reel 'pack.)

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - ZIF conn. p.1,0 mm SMT 90/180° - Fitting Nail



SPECIFICATIONS

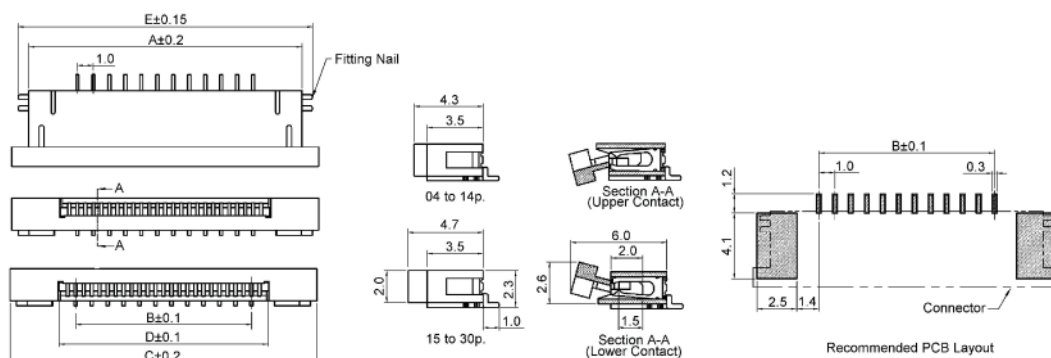
Voltage Rating: 100V AC,DC
 Current Rating: 1 A
 Contact Resistance: 20 mΩ max.
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -40°C ~ +85°C

FEATURES

Size 4 to 30 poles
 Accept FFC/FPC tck 0,3 mm
 Packaging Tube or Tape & reel
 Vacuum pick&place cap optional

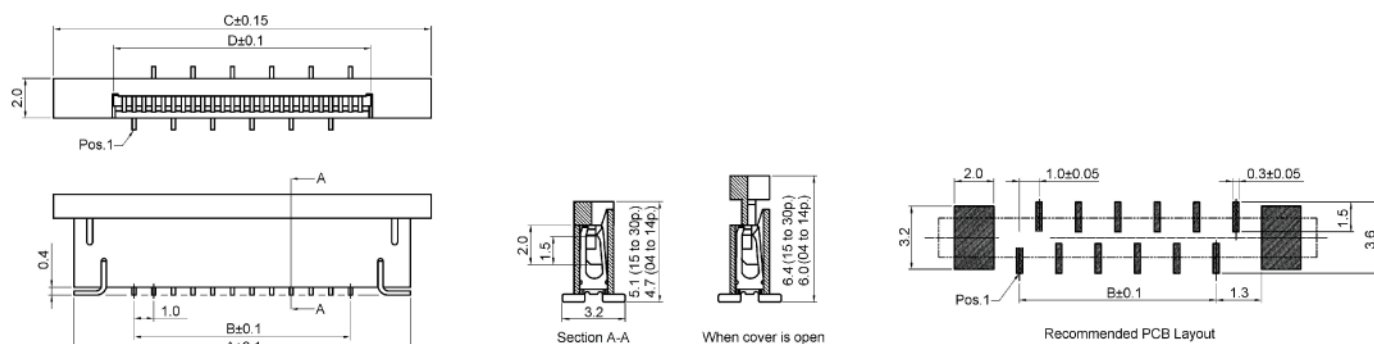
MATERIAL

Insulator Nylon 46
 Actuator PPA (UL 94 V-0)
 Contact Phosphor bronze
 Plating Tin plated



Poles	P/N Lower c.	P/N Upper c.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
4	593480400-L*S	593480400-J*S	9,10	3,00	11,10	5,10	10,40
5	593480500-L*S	593480500-J*S	10,10	4,00	12,10	6,10	11,40
6	593480600-L*S	593480600-J*S	11,10	5,00	13,10	7,10	12,40
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28	593482800-L*S	593482800-J*S	33,10	27,00	35,10	29,10	34,40
28	593482900-L*S	593482900-J*S	34,10	28,00	36,10	30,10	35,40
30	593483000-L*S	593483000-J*S	35,10	28,00	37,10	31,10	36,40

*=2 (Tube pack.); *=3 (Tape&reel pack.)



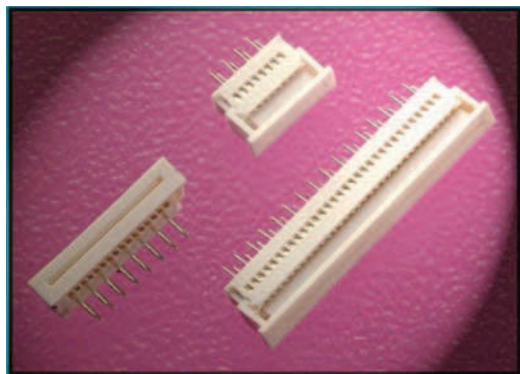
Poles	P/N Vertical	A (mm)	B (mm)	C (mm)	D (mm)
4	593480400-V*S	9,10	3,00	11,10	5,10
5	593480500-V*S	10,10	4,00	12,10	6,10
6	593480600-V*S	11,10	5,00	13,10	7,10
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---	---	---	---	---	---
28	593482800-V*S	33,10	27,00	35,10	29,10
29	593482900-V*S	34,10	28,00	36,10	30,10
30	593483000-V*S	35,10	28,00	37,10	31,10

*=2 (Tube pack.); *=3 (Tape&reel pack.)

RIBBON & FLAT WIRE CABLES AND CONNECTORS

FPC/FFC connectors - ZIF conn. p.1,25 mm THT 90°

B



SPECIFICATIONS

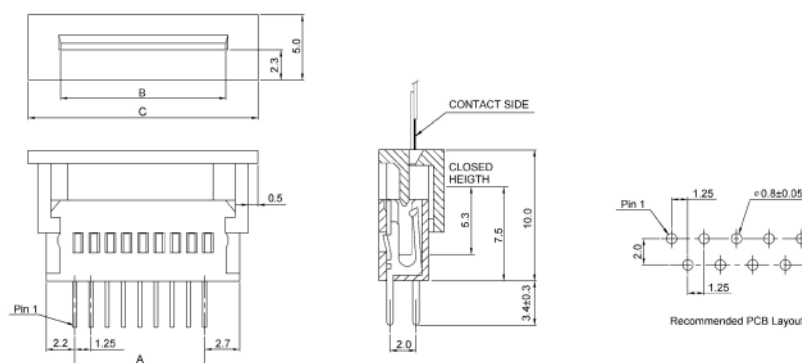
Voltage Rating: 100 V
Current Rating: 1 A
Contact Resistance: 20 mΩ max.
Insulation Resistance: 500 MΩ min.
Temperature Range: -40°C ~ +105°C

MATERIAL

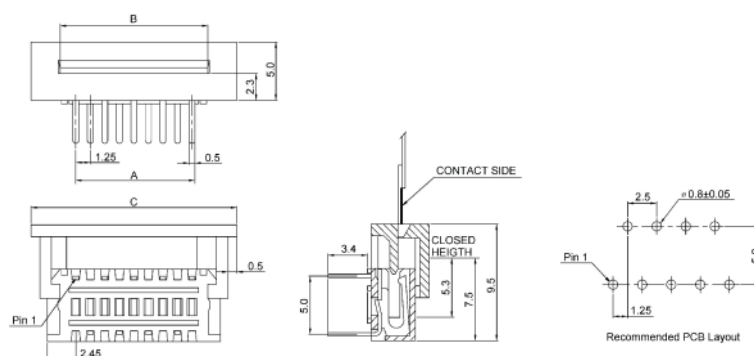
Insulator: PBT, UL 94 V-0
Contact: Phosphor bronze
Plating: Tin plated

FEATURES

Size 3 to 40 poles
Suitable for 1,57mm thick PCB
Accept FFC/FPC tck 0,3 mm
Packaging Tube



Poles	Part. No.	A (mm)	B (mm)	C (mm)
3	503480320	2,50	5,30	9,45
4	503480420	3,75	6,55	10,70
5	503480520	5,00	7,80	11,95
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38	503483820	46,25	49,05	53,20
39	503483920	47,50	50,30	54,45
40	503484020	48,75	51,55	55,70



Poles	Part. No.	A (mm)	B (mm)	C (mm)
3	503480390	2,50	5,30	9,45
4	503480490	3,75	6,55	10,70
5	503480590	5,00	7,80	11,95
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38	503483890	46,25	49,05	53,20
39	503483990	47,50	50,30	54,45
40	503484090	48,75	51,55	55,70

**SPECIFICATIONS**

Voltage Rating: 200V AC,DC

Current Rating: 3A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -55°C ~ +85°C

Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0

Sliding lock: Noryl, UL 94V-1

Contact: Phosphor bronze

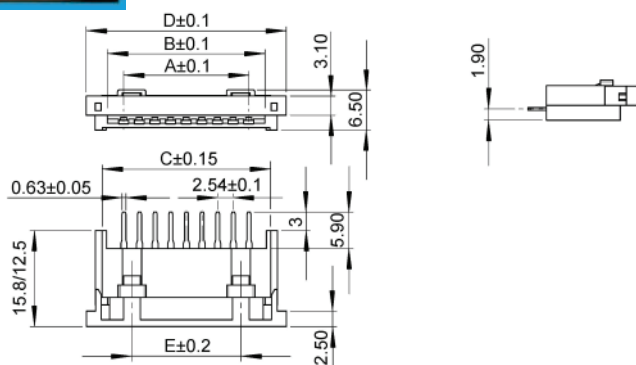
Finish: Tin over Nickel

FEATURES

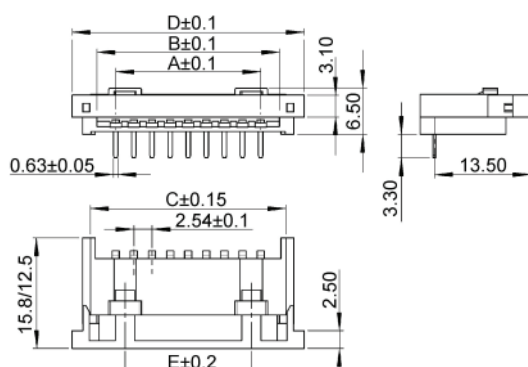
Size 5 to 22 poles

Accept FFC/FPC tck 0.075~0.25 mm

Packaging box



Poles	Part. No	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
5	513480520-2	10.16	15.44	17.34	22.24	7.62
6	513480620-2	12.70	17.98	19.88	24.78	10.16
7	513480720-2	15.24	20.52	22.42	27.32	12.70
8	513480820-2	17.78	23.60	24.96	29.86	15.24
9	513480920-2	20.32	25.60	27.50	32.40	17.78
10	513481020-2	22.86	28.14	30.04	34.94	20.32
11	513481120-2	25.40	30.68	32.58	37.48	22.86
12	513481220-2	27.94	33.22	35.12	40.02	25.40
13	513481320-2	30.48	35.76	37.66	42.56	27.94
14	513481420-2	33.02	38.30	40.20	45.10	30.48



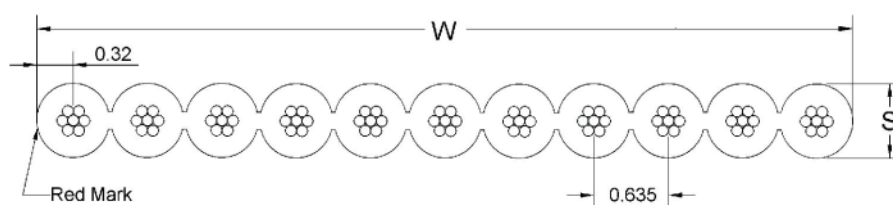
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
5	513480590-2	10.16	15.44	17.34	22.24	7.62
6	513480690-2	12.70	17.98	19.88	24.78	10.16
7	513480790-2	15.24	20.52	22.42	27.32	12.70
8	513480890-2	17.78	23.60	24.96	29.86	15.24
9	513480990-2	20.32	25.60	27.50	32.40	17.78
10	513481090-2	22.86	28.14	30.04	34.94	20.32
11	513481190-2	25.40	30.68	32.58	37.48	22.86
12	513481290-2	27.94	33.22	35.12	40.02	25.40
13	513481390-2	30.48	35.76	37.66	42.56	27.94
14	513481490-2	33.02	38.30	40.20	45.10	30.48

B

Insulation Resistance: 100 M Ω /km
Voltage Rating: 150V
Electrical resistance: 377 Ohm/km max.
Impedence: 105 Ohm
Capacitance: 80 pF/m.
Propagation delay time: 5.6 ns/m
Dielectric strength test: 2.5KV/min
Rate Temperature: 105°C

Insulator: Polyvinyl chloride (PVC)
Conductor: Stranded copper wire

size 20 to 100 poles
UL Listing 2678
Passed UL VW-1 flame test
Packaging reel

[illegible]

**SPECIFICATIONS**

Insulation Resistance: >100 MΩ/km

Voltage Rating: 300V

Conductor resistance: 237 Ohm/km

Impedance: 100 Ohm

Capacitance: 55 pF/m

Propagation delay time : 4.65 ns/m

Dielectric strength test: 2KV/minute

Rate Temperature: 105°C

MATERIALS

Insulator: Self-extinguishing PVC

Conductor: Stranded copper wire

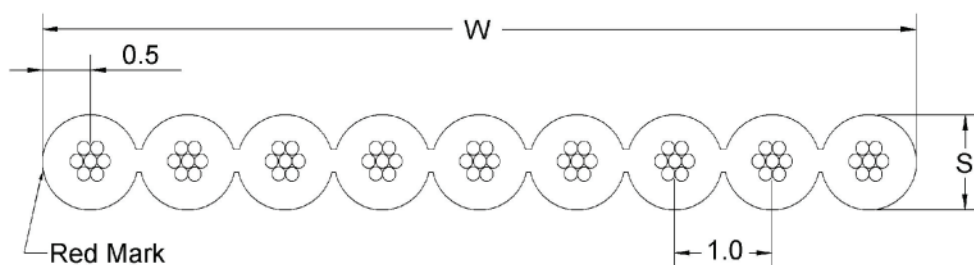
FEATURES

Size 6 to 68 poles

UL Listing 2651

Passed UL VW-1 flame test

Packaging reel

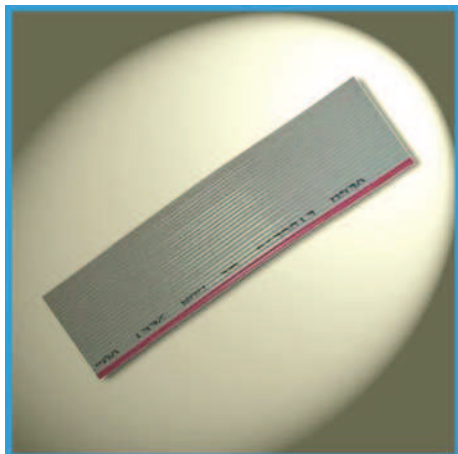


Poles	Part. No.	F.strands/mm	W (mm)	S (mm)
6	RY101-100/06	7/0,127	6,00	0,90
8	RY101-100/08	7/0,127	8,00	0,90
10	RY101-100/10	7/0,127	10,00	0,90
12	RY101-100/12	7/0,127	12,00	0,90
14	RY101-100/14	7/0,127	14,00	0,90
18	RY101-100/18	7/0,127	18,00	0,90
20	RY101-100/20	7/0,127	20,00	0,90
22	RY101-100/22	7/0,127	22,00	0,90
24	RY101-100/24	7/0,127	24,00	0,90
26	RY101-100/26	7/0,127	26,00	0,90
28	RY101-100/28	7/0,127	28,00	0,90
30	RY101-100/30	7/0,127	30,00	0,90
32	RY101-100/32	7/0,127	32,00	0,90
34	RY101-100/34	7/0,127	34,00	0,90
36	RY101-100/36	7/0,127	36,00	0,90
38	RY101-100/38	7/0,127	38,00	0,90
40	RY101-100/40	7/0,127	40,00	0,90
42	RY101-100/42	7/0,127	42,00	0,90
44	RY101-100/44	7/0,127	44,00	0,90
46	RY101-100/46	7/0,127	46,00	0,90
48	RY101-100/48	7/0,127	48,00	0,90
50	RY101-100/50	7/0,127	50,00	0,90
60	RY101-100/60	7/0,127	60,00	0,90
64	RY101-100/64	7/0,127	64,00	0,90
68	RY101-100/68	7/0,127	68,00	0,90

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cables - Flat cable- p. 1,27 mm

B



SPECIFICATIONS

Insulation Resistance: >100 MOhm/Km

Voltage Rating: 300V AC

Conductor resistance: 214 Ohm/km

Impedance: 105 Ohm

Capacitance: 45 pF/m

Propagation delay : 4.7 ns/m

Dielectric strength test: 2,5KV/min.

Rate Temperature: 105°C

MATERIALS

Insulator: Self-extinguishing PVC

Conductor: Stranded copper wire

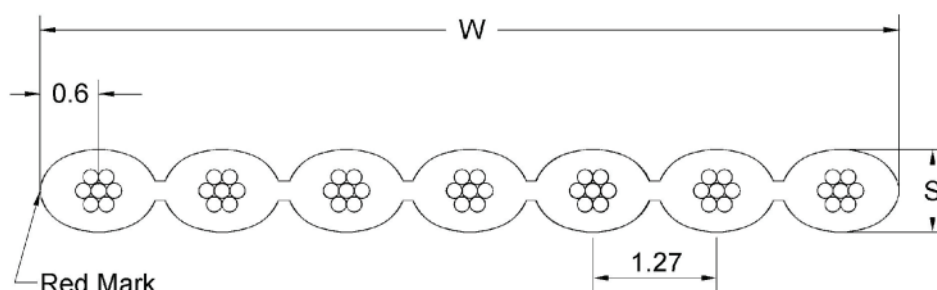
FEATURES

Size 6 to 64 poles

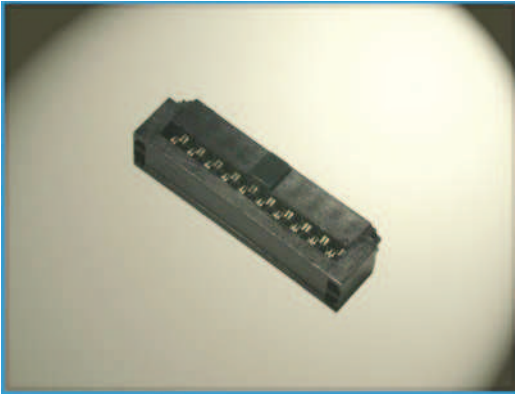
UL Listing 2651

Passed UL VW-1 flame test

Packaging reel



Poles	Part. No.	F.strands/mm	W (mm)	S (mm)
6	RY101-127/06	7/0,127	7,62	0,89
10	RY101-127/10	7/0,127	12,70	0,89
12	RY101-127/12	7/0,127	15,24	0,89
14	RY101-127/14	7/0,127	17,78	0,89
15	RY101-127/15	7/0,127	19,05	0,89
16	RY101-127/16	7/0,127	20,32	0,89
20	RY101-127/20	7/0,127	25,40	0,89
24	RY101-127/24	7/0,127	30,48	0,89
25	RY101-127/25	7/0,127	31,75	0,89
26	RY101-127/26	7/0,127	33,02	0,89
30	RY101-127/30	7/0,127	38,10	0,89
34	RY101-127/34	7/0,127	43,18	0,89
36	RY101-127/36	7/0,127	47,72	0,89
37	RY101-127/37	7/0,127	46,99	0,89
40	RY101-127/40	7/0,127	50,80	0,89
44	RY101-127/44	7/0,127	55,88	0,89
50	RY101-127/50	7/0,127	63,50	0,89
60	RY101-127/60	7/0,127	76,20	0,89
64	RY101-127/64	7/0,127	81,28	0,89

**SPECIFICATIONS**

Current Rating: 0.5 A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 10 to 100 poles

Suitable for 0,635 mm ribbon cable

Mate with box header p.1,27x2,54 mm

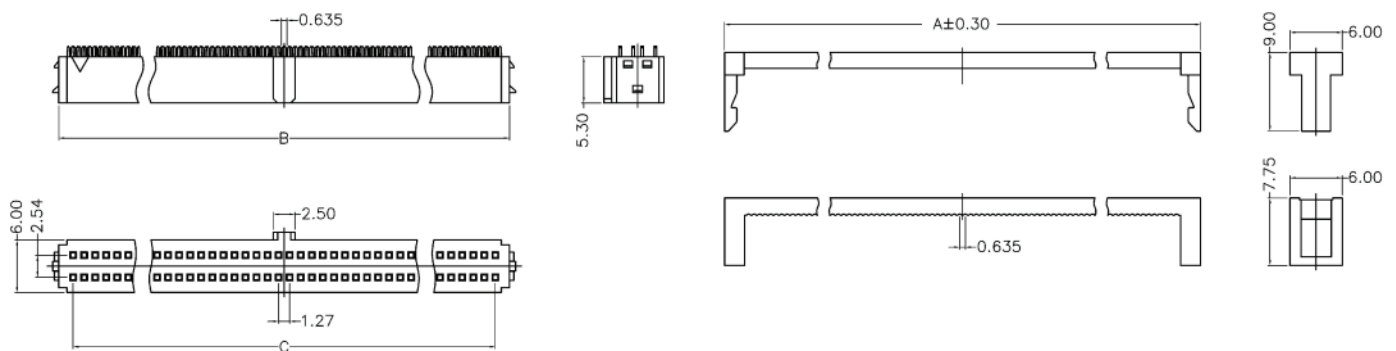
Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Plating: Selective gold over Nickel

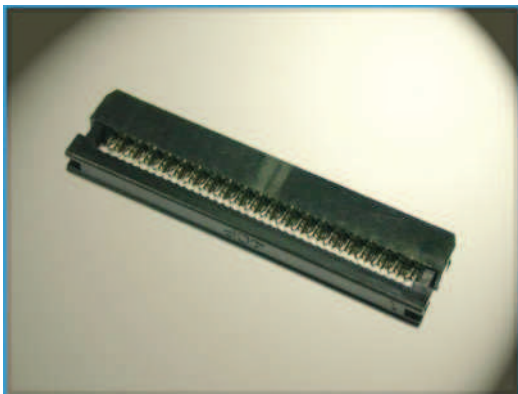


Poles	Part. No.	A (mm)	B (mm)	C (mm)
10	86F10891-0	11,35	8,45	5,08
16	86F16891-0	15,16	12,26	8,89
20	86F20891-0	17,70	14,80	11,43
26	86F26891-0	21,5	18,61	15,24
30	86F30891-0	24,05	21,5	17,78
34	86F34891-0	26,59	23,69	20,32
40	86F40891-0	30,40	27,50	24,13
50	86F50891-0	36,75	33,85	30,48
60	86F60891-0	43,10	40,20	36,83
68	86F68891-0	48,18	45,28	41,91
80	86F80891-0	55,80	52,90	48,53
100	86F100891-0	68,50	65,60	62,23

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - IDC socket p.2,0 mm

B



SPECIFICATIONS

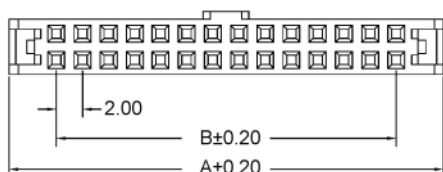
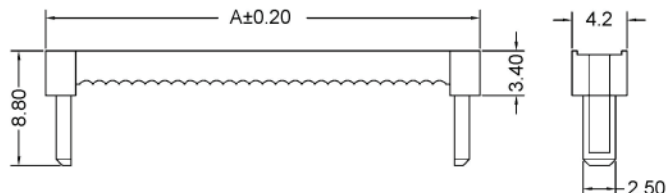
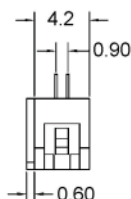
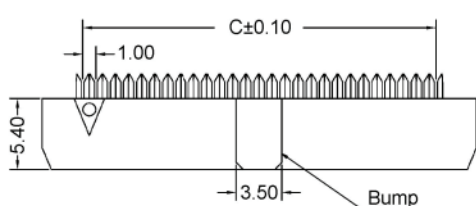
Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 500 MΩ min.
Temperature Range: -55°C ~ +125°C
Contact Resistance: 20 mΩ max.

FEATURES

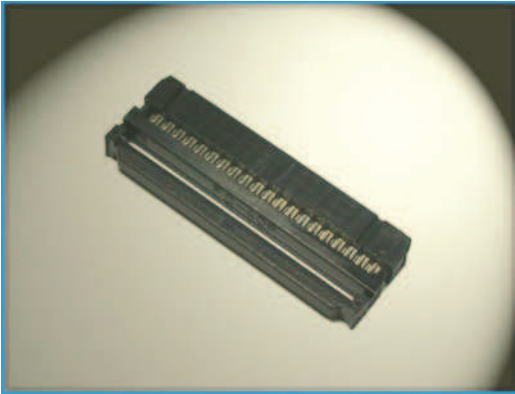
Size 6 to 100 poles
Suitable for 1,00 mm ribbon cable
Mate with box header p.2,0 mm
Optional polarizing bump
Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
Contact: Copper alloy
Plating: Selective gold over Nickel



Poles	P/N w/o pol.	P/N w/polar.	A (mm)	B (mm)	C (mm)	Poles	P/N w/o pol.	P/N w/polar.	A (mm)	B (mm)	C (mm)
6	86F06891-2	86F06891-2P	11.40	4.00	5.00	50	86F50891-2	86F50891-2P	55.40	18.00	19.00
8	86F08891-2	86F08891-2P	13.40	6.00	7.00	54	86F54891-2	86F54891-2P	59.40	22.00	23.00
10	86F10891-2	86F10891-2P	15.40	8.00	9.00	50	86F50891-2	86F50891-2P	55.40	52.00	53.00
12	86F12891-2	86F12891-2P	17.40	10.00	11.00	54	86F54891-2	86F54891-2P	59.40	56.00	57.00
14	86F14891-2	86F14891-2P	19.40	12.00	13.00	56	86F56891-2	86F56891-2P	61.40	58.00	59.00
16	86F16891-2	86F16891-2P	21.40	14.00	15.00	60	86F60891-2	86F60891-2P	65.40	62.00	63.00
18	86F18891-2	86F18891-2P	23.40	16.00	17.00	64	86F64891-2	86F64891-2P	69.40	64.00	65.00
20	86F20891-2	86F20891-2P	25.40	20.00	21.00	68	86F68891-2	86F68891-2P	73.40	66.00	67.00
22	86F22891-2	86F22891-2P	27.40	24.00	25.00	80	86F80891-2	86F80891-2P	85.40	78.00	79.00
24	86F24891-2	86F24891-2P	29.40	26.00	27.00	100	86F100891-2	86F100891-2P	105.40	98.00	99.00
26	86F26891-2	86F26891-2P	31.40	28.00	29.00						
28	86F28891-2	86F28891-2P	33.40	30.00	31.00						
30	86F30891-2	86F30891-2P	35.40	32.00	33.00						
32	86F32891-2	86F32891-2P	37.40	34.00	35.00						
34	86F34891-2	86F34891-2P	39.40	36.00	37.00						
36	86F36891-2	86F36891-2P	41.40	38.00	39.00						
38	86F38891-2	86F38891-2P	43.40	40.00	41.00						
40	86F40891-2	86F40891-2P	45.40	42.00	43.00						
44	86F44891-2	86F44891-2P	49.40	46.00	47.00						
48	86F48891-2	86F48891-2P	53.40	50.00	51.00						

**SPECIFICATIONS**

Current Rating: 1 A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 6 to 64 poles

Suitable for 1,27 mm ribbon cable

Conforming to DIN 41651 Industry standard

Mate with box header p.2,54 mm

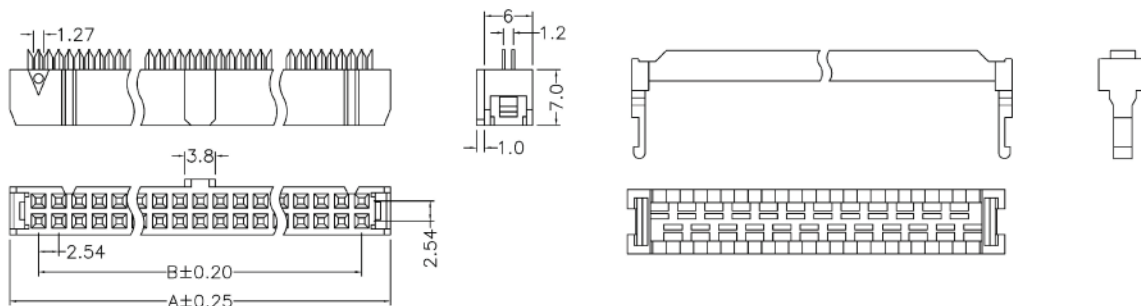
Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0

Contact: Phosphor bronze

Plating: Selective gold over Nickel

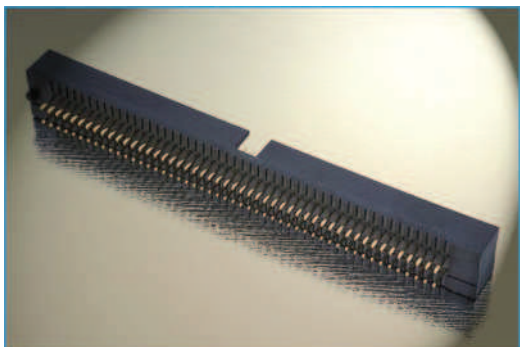


Poles	Part. No.	A (mm)	B (mm)
6	86F06891-B	12,20	5,08
8	86F08891-B	14,80	7,62
10	86F10891-B	17,30	10,16
12	86F12891-B	19,80	12,70
14	86F14891-B	22,30	15,24
16	86F16891-B	24,90	17,78
20	86F20891-B	30,00	22,86
24	86F24891-B	35,00	27,94
26	86F26891-B	37,50	30,48
30	86F30891-B	42,70	35,56
34	86F34891-B	47,80	40,64
40	86F40891-B	55,20	48,26
44	86F44891-B	60,60	53,40
50	86F50891-B	68,10	60,96
56	86F56891-B	76,00	68,60
60	86F60891-B	80,80	73,66
64	86F64891-B	85,80	78,74

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - PCB male header p.1,27x2,54 mm Low profile

B



SPECIFICATIONS

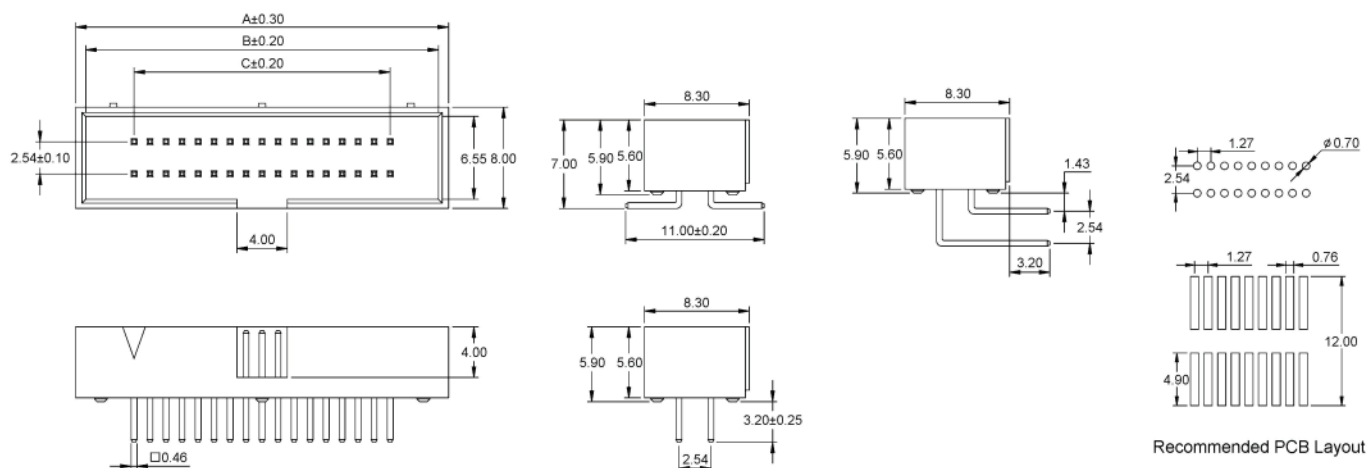
Current Rating: 0.5 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

Size 20 to 100 poles
Suitable for 1,57mm thick PCB
Mate with IDC socket p. 1,27x2,54 mm
Packaging bag

MATERIAL

Insulator: Nylon 6T , UL 94V-0
Contact: Copper alloy
Plating: Gold over Nickel



Poles	P/N DS 180°	P/N DS 90°	P/N SMT 180°	A (mm)	B (mm)	C (mm)
10	86M10291SC-0	86M10991SC-0	86M1009° SC-0	14.35	12.75	5.38
12	86M12291SC-0	86M12991SC-0	86M1209° SC-0	15.62	14.02	6.35
14	86M14291SC-0	86M14991SC-0	86M1409° SC-0	16.89	15.29	7.62
16	86M16291SC-0	86M16991SC-0	86M1609° SC-0	18.16	16.56	8.89
18	86M18291SC-0	86M18991SC-0	86M1809° SC-0	19.43	17.83	10.16
20	86M20291SC-0	86M20991SC-0	86M2009° SC-0	20.70	19.10	11.43
26	86M26291SC-0	86M26991SC-0	86M2609° SC-0	24.51	22.91	15.24
30	86M30291SC-0	86M30991SC-0	86M3009° SC-0	27.05	25.45	17.78
34	86M34291SC-0	86M34991SC-0	86M3409° SC-0	29.59	27.99	20.32
40	86M40291SC-0	86M40991SC-0	86M4009° SC-0	33.40	31.80	24.13
50	86M50291SC-0	86M50991SC-0	86M5009° SC-0	39.75	38.15	30.48
60	86M60291SC-0	86M60991SC-0	86M6009° SC-0	46.10	44.50	36.83
64	86M64291SC-0	86M64991SC-0	86M6409° SC-0	48.64	47.04	39.37

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - PCB male header p.1,27x2,54 mm Ejector type



SPECIFICATIONS

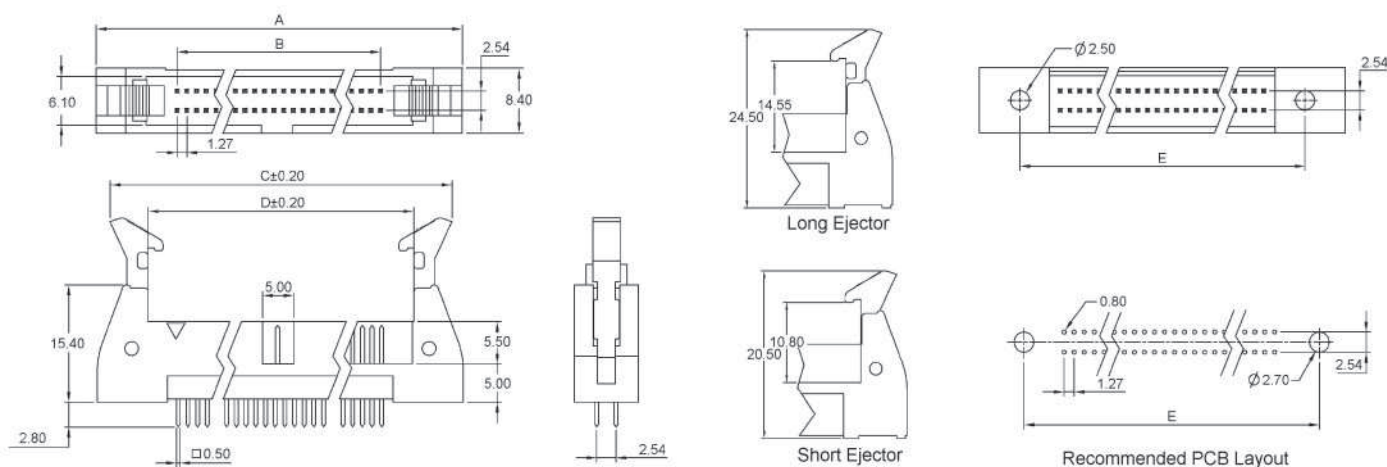
Current Rating: 0.5 A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 20 to 100 poles
 Applicable PCB tck 1,57mm
 Mate with IDC socket p. 1,27x2,54 mm
 Packaging tray

MATERIAL

Insulator: Nylon 6T
 Contact: Copper alloy
 Plating: Gold over Nickel

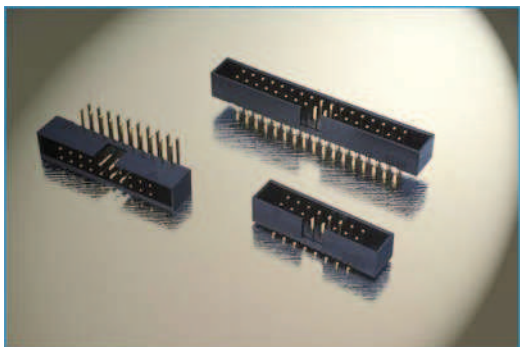


Poles	P/N Long Ejector	P/N Short Ejector	A (mm)	B (mm)	C (mm)	D(mm)	E(mm)
20	86M20291-0	86M20291-01	32.36	11.43	29.35	18.75	21.59
26	86M26291-0	86M26291-01	36.18	15.24	33.16	22.56	25.40
32	86M32291-0	86M32291-01	39.98	19.05	36.97	26.37	29.21
34	86M34291-0	86M34291-01	41.25	20.32	38.24	27.64	30.48
40	86M40291-0	86M40291-01	45.06	24.13	42.05	31.45	34.29
50	86M50291-0	86M50291-01	51.41	30.48	48.40	37.80	40.64
52	86M52291-0	86M52291-01	52.68	31.75	49.67	39.07	41.91
60	86M60291-0	86M60291-01	57.76	36.83	54.75	44.15	46.99
68	86M68291-0	86M68291-01	62.84	41.91	59.83	49.23	52.07
80	86M80291-0	86M80291-01	70.46	49.53	67.45	56.85	59.69
100	86M100291-0	86M100291-01	83.16	62.23	80.25	69.55	72.39

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - PCB male header p.2,0 mm low profile

B



SPECIFICATIONS

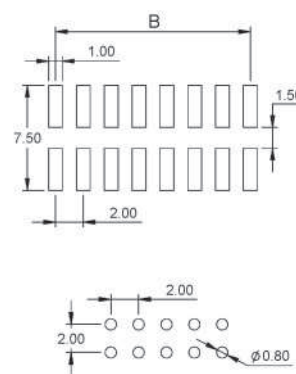
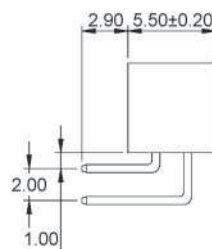
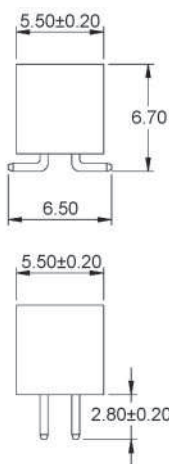
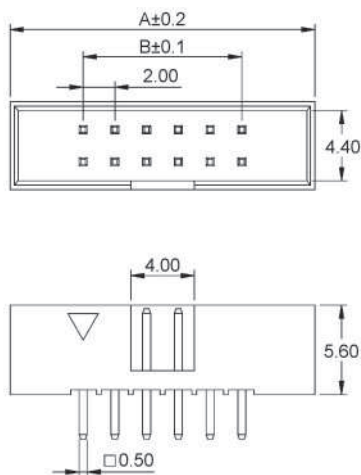
Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0
Contact: Copper alloy
Plating: Gold over Nickel

FEATURES

Size 6 to 68 poles
Suitable for 1,57mm thick PCB
Mate with IDC socket p. 2.0 mm
Packaging tray
(Tube or Tape&reel for SMT)
Vacuum pick&place cap optional (SMT)

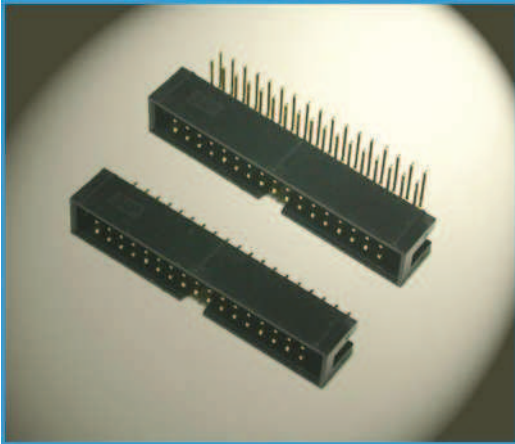


Recommended PCB Layout

Poles	P/N DS 180°	P/N DS 90°	P/N SMT 180°	A (mm)	B (mm)
6	86M06291-2	86M0699'-2	86M06091-2	13.20	4.30
8	86M08291-2	86M0899'-2	86M08091-2	15.20	6.30
10	86M10291-2	86M1099'-2	86M10091-2	17.20	8.30
12	86M12291-2	86M1299'-2	86M12091-2	19.20	10.00
14	86M14291-2	86M1499'-2	86M14091-2	21.20	12.00
16	86M16291-2	86M1699'-2	86M16091-2	23.20	14.00
20	86M20291-2	86M2099'-2	86M20091-2	27.20	18.00
24	86M24291-2	86M2499'-2	86M24091-2	31.20	22.00
26	86M26291-2	86M2699'-2	86M26091-2	33.20	24.00
30	86M30291-2	86M3099'-2	86M30091-2	37.20	28.00
32	86M32291-2	86M3299'-2	86M32091-2	39.20	30.00
34	86M34291-2	86M3499'-2	86M34091-2	41.20	32.00
40	86M40291-2	86M4099'-2	86M40091-2	47.20	38.00
44	86M44291-2	86M4499'-2	86M44091-2	51.20	42.00
50	86M50291-2	86M5099'-2	86M50091-2	57.20	48.00
60	86M60291-2	86M6099'-2	86M60091-2	67.20	58.00
64	86M64291-2	86M6499'-2	86M64091-2	71.20	62.00
68	86M68291-2	86M6899'-2	86M68091-2	75.20	66.00

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - PCB male header p.2,54 mm low profile THT



SPECIFICATIONS

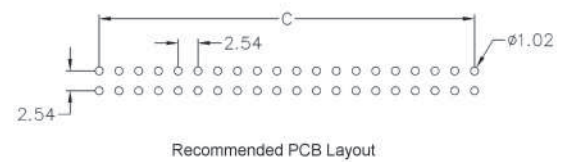
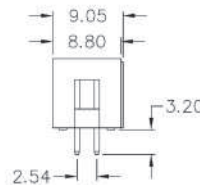
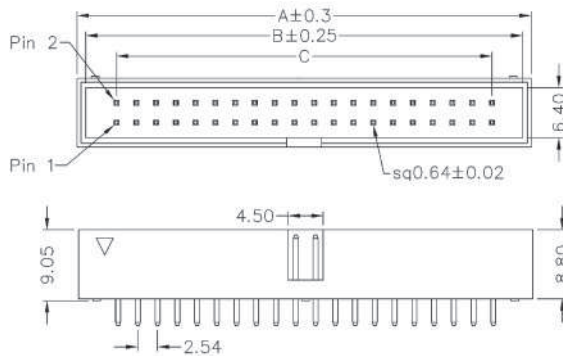
Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

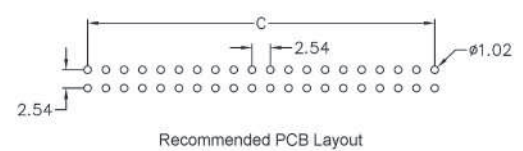
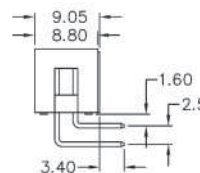
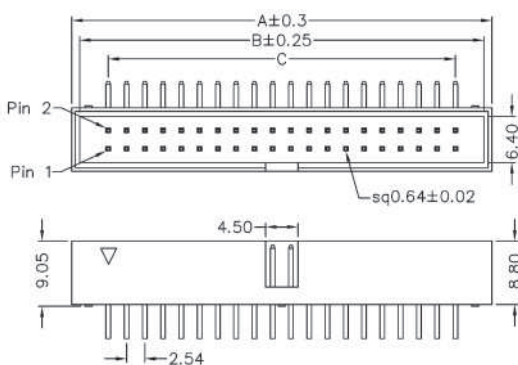
Size 6 to 64 poles
 Suitable for 1,57mm thick PCB
 Mate with IDC socket p. 2.54 mm
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Brass
 Plating: Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
6	86M06291SC-3	15.20	12.90	5.08	34	86M34291SC-B	50.80	48.58	40.64
8	86M08291SC-3	17.90	15.44	7.62	40	86M40291SC-B	58.40	56.20	48.26
10	86M10291SC-3	20.30	18.10	10.16	44	86M44291SC-B	63.48	67.28	53.36
12	86M12291SC-3	22.84	20.64	12.70	50	86M50291SC-B	77.10	68.90	60.96
14	86M14291SC-3	25.38	23.18	15.24	56	86M56291SC-B	78.72	76.52	68.56
16	86M16291SC-3	27.92	25.72	17.78	60	86M60291SC-B	83.80	81.60	73.66
20	86M20291SC-3	33.00	30.80	22.85	64	86M64291SC-B	88.88	86.88	78.74
24	86M24291SC-3	38.08	35.88	27.94					
26	86M26291SC-3	40.62	38.42	30.48					
30	86M30291SC-3	45.70	43.50	35.56					

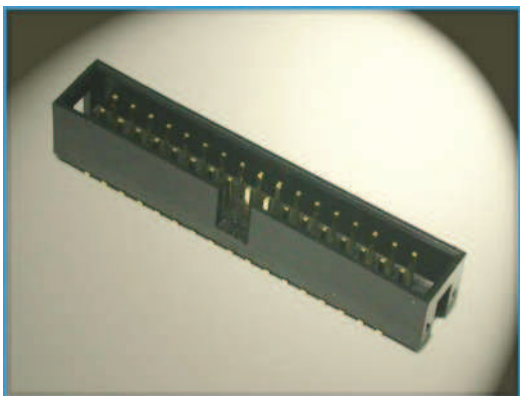


Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
6	86M06991SC-3	15.20	12.90	5.08	34	86M34991SC-B	50.80	48.58	40.64
8	86M08991SC-3	17.90	15.44	7.62	40	86M40991SC-B	58.40	56.20	48.26
10	86M10991SC-3	20.30	18.10	10.16	44	86M44991SC-B	63.48	67.28	53.34
12	86M12991SC-3	22.84	20.64	12.70	50	86M50991SC-B	77.10	68.90	60.96
14	86M14991SC-3	25.38	23.18	15.24	56	86M56991SC-B	78.72	76.52	68.56
16	86M16991SC-3	27.92	25.72	17.78	60	86M60991SC-B	83.80	81.60	73.66
20	86M20991SC-3	33.00	30.80	22.85	64	86M64991SC-B	88.88	86.88	78.74
24	86M24991SC-3	38.08	35.88	27.94					
26	86M26991SC-3	40.62	38.42	30.48					
30	86M30991SC-3	45.70	43.50	35.56					

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - PCB male header p.2,54mm low profile SMT 180°

B



SPECIFICATIONS

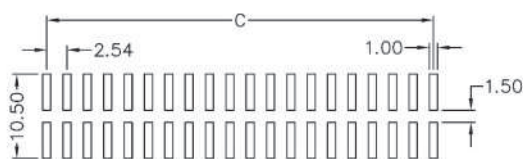
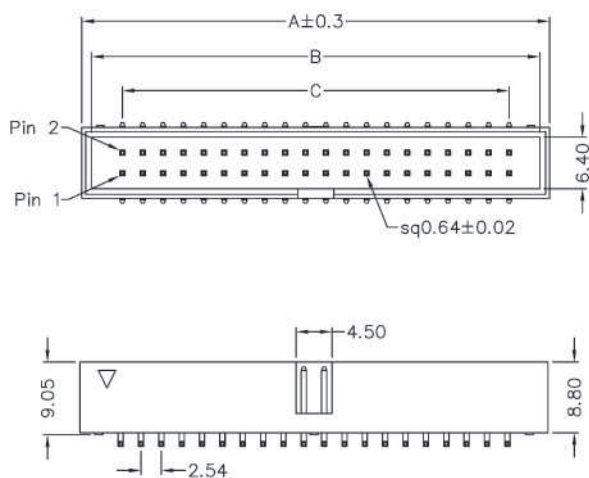
Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

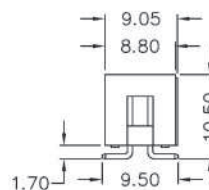
Size 6 to 64 poles
Optional Pick&place Pad
Mate with IDC socket p. 2.54 mm
Packaging Tube or Tape & reel
Vacuum pick&place cap optional

MATERIAL

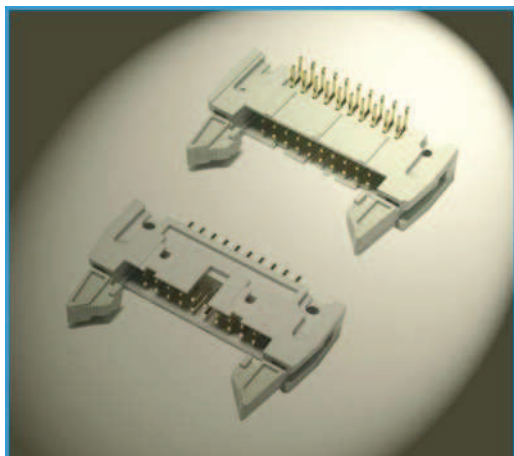
Insulator: Nylon 6T , UL94V-0
Contact: Phosphor bronze
Plating: Gold over Nickel



Recommended PCB layout



Poles	Part. No.	A (mm)	B (mm)	C (mm)
6	86MD6091SC-B	15.20	12.90	5.08
8	86MD8091SC-B	17.90	15.44	7.62
10	86M10091SC-B	20.30	18.10	10.16
12	86M12091SC-B	22.84	20.64	12.70
14	86M14091SC-B	25.38	23.18	15.24
16	86M16091SC-B	27.92	25.72	17.78
20	86M20091SC-B	33.00	30.80	22.85
24	86M24091SC-B	38.08	35.88	27.94
26	86M26091SC-B	40.62	38.42	30.48
30	86M30091SC-B	45.70	43.50	35.56
34	86M34091SC-B	50.80	48.58	40.64
40	86M40091SC-B	58.40	56.20	48.26
44	86M44091SC-B	63.48	62.28	53.34
50	86M50091SC-B	71.10	69.90	60.96
56	86M56091SC-B	78.72	76.52	68.58
60	86M60091SC-B	83.80	81.60	73.66
64	86M64091SC-B	88.88	86.68	78.74



SPECIFICATIONS

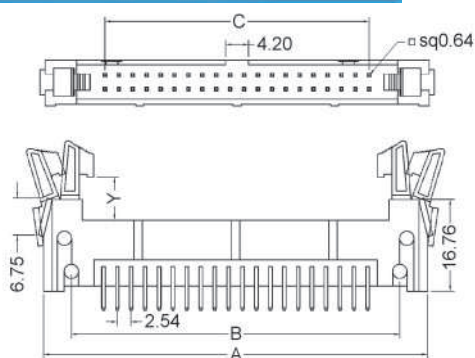
Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

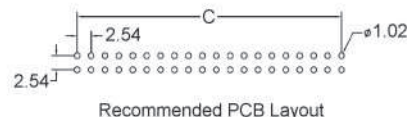
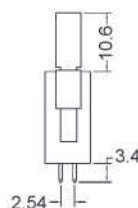
Size 6 to 64 poles
 Suitable for 1,57mm thick PCB
 Mate with IDC socket p. 2.54 mm
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Brass
 Plating: Gold over Nickel

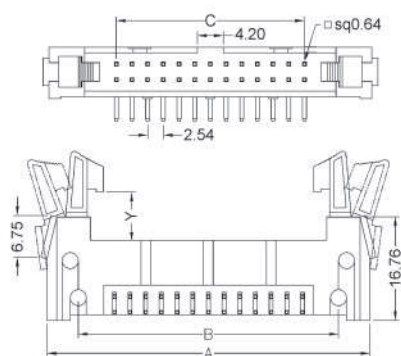


	Short L.	Long L.
Y	4.25	7.80

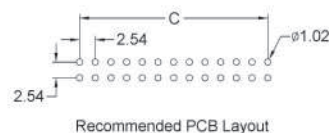
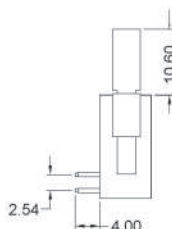


Poles	P/N Long Ejector	P/N Short Ejector	A (mm)	B (mm)	C (mm)	Poles	P/N Long Ejector	P/N Short Ejector	A (mm)	B (mm)	C (mm)
10	86M10291-B	86M10291-B1	32.00	21.50	10.16	50	86M50291-B	86M50291-B1	82.80	72.60	60.96
12	86M12291-B	86M12291-B1	34.50	24.40	12.70	60	86M60291-B	86M60291-B1	95.50	85.30	73.66
14	86M14291-B	86M14291-B1	37.10	26.90	15.24	64	86M64291-B	86M64291-B1	100.6	90.40	78.74
16	86M16291-B	86M16291-B1	39.60	29.50	17.78						
20	86M20291-B	86M20291-B1	44.70	34.50	22.86						
24	86M24291-B	86M24291-B1	49.80	39.56	27.34						
26	86M26291-B	86M26291-B1	52.30	42.20	30.48						
30	86M30291-B	86M30291-B1	57.40	47.20	35.56						
34	86M34291-B	86M34291-B1	62.50	52.30	40.64						
40	86M40291-B	86M40291-B1	71.10	59.90	48.26						

Std version is Long Ejector type. For Short Ejector MOQ is required.



	Short L.	Long L.
Y	4.25	7.80



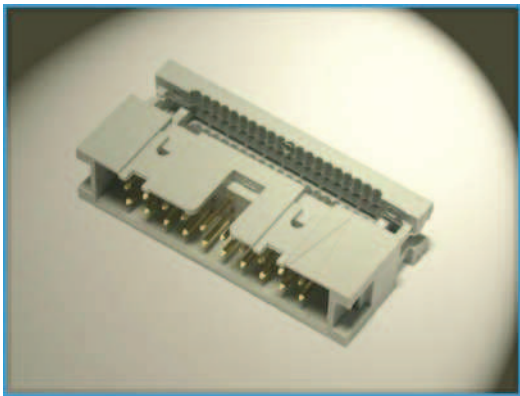
Poles	P/N Long Ejector	P/N Short Ejector	A (mm)	B (mm)	C (mm)	Poles	P/N Long Ejector	P/N Short Ejector	A (mm)	B (mm)	C (mm)
10	86M10991-B	86M10991-B1	32.00	21.50	10.16	50	86M50991-B	86M50991-B1	82.80	72.60	60.96
12	86M12991-B	86M12991-B1	34.50	24.40	12.70	60	86M60991-B	86M60991-B1	95.50	85.30	73.66
14	86M14991-B	86M14991-B1	37.10	26.90	15.24	64	86M64991-B	86M64991-B1	100.6	90.40	78.74
16	86M16991-B	86M16991-B1	39.60	29.50	17.78						
20	86M20991-B	86M20991-B1	44.70	34.50	22.86						
24	86M24991-B	86M24991-B1	49.80	39.60	27.34						
26	86M26991-B	86M26991-B1	52.30	42.20	30.48						
30	86M30991-B	86M30991-B1	57.40	47.20	35.56						
34	86M34991-B	86M34991-B1	62.50	52.30	40.64						
40	86M40991-B	86M40991-B1	70.10	59.90	48.26						

Std version is Long Ejector type. For Short Ejector MOQ is required.

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Male header p.2,54 mm IDC type low profile

B



SPECIFICATIONS

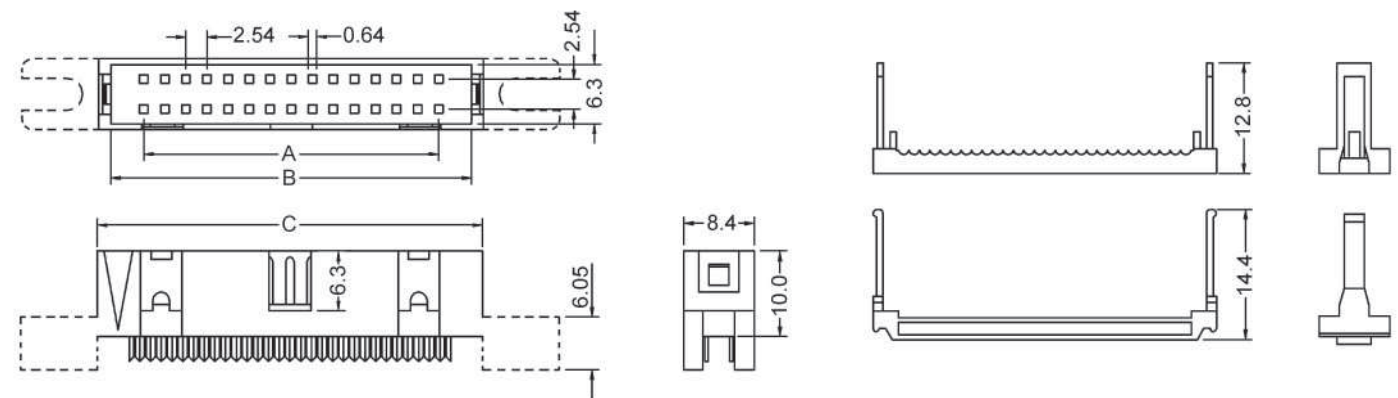
Contact Resistance: 1 A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective gold over nickel

FEATURES

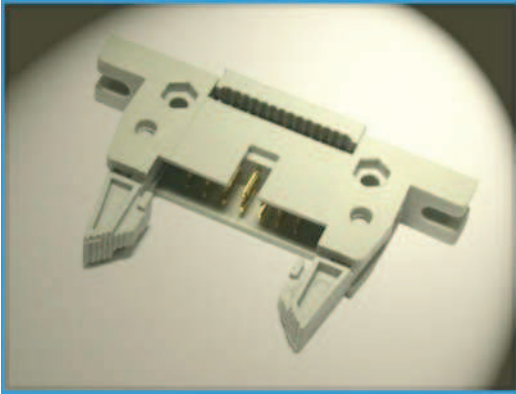
Size 10 to 64 poles
 Suitable for 1,27 mm ribbon cable
 Mate with IDC header p. 2.54 mm
 Packaging tray



Poles	P/N with ears	P/N w/o ears	A (mm)	B (mm)	C (mm)
10	86M10891SC-1	86M1089' SC	13.16	17.93	22.98
14	86M14891SC-1	86M1489' SC	15.24	22.93	28.10
16	86M16891SC-1	86M1689' SC	17.76	25.55	30.64
20	86M20891SC-1	86M2089' SC	22.86	30.56	35.70
26	86M26891SC-1	86M2689' SC	30.48	38.20	43.06
30	86M30891SC-1	86M3089' SC	35.56	43.40	48.44
34	86M34891SC-1	86M3489' SC	40.64	48.30	53.28
40	86M40891SC-1	86M4089' SC	48.26	56.06	60.96
50	86M50891SC-1	86M5089' SC	60.96	68.70	73.72
60	86M60891SC-1	86M6089' SC	73.66	81.34	88.44
64	86M64891SC-1	86M6489' SC	78.74	86.43	91.46

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Male header p.2,54 mm IDC type with ejector



SPECIFICATIONS

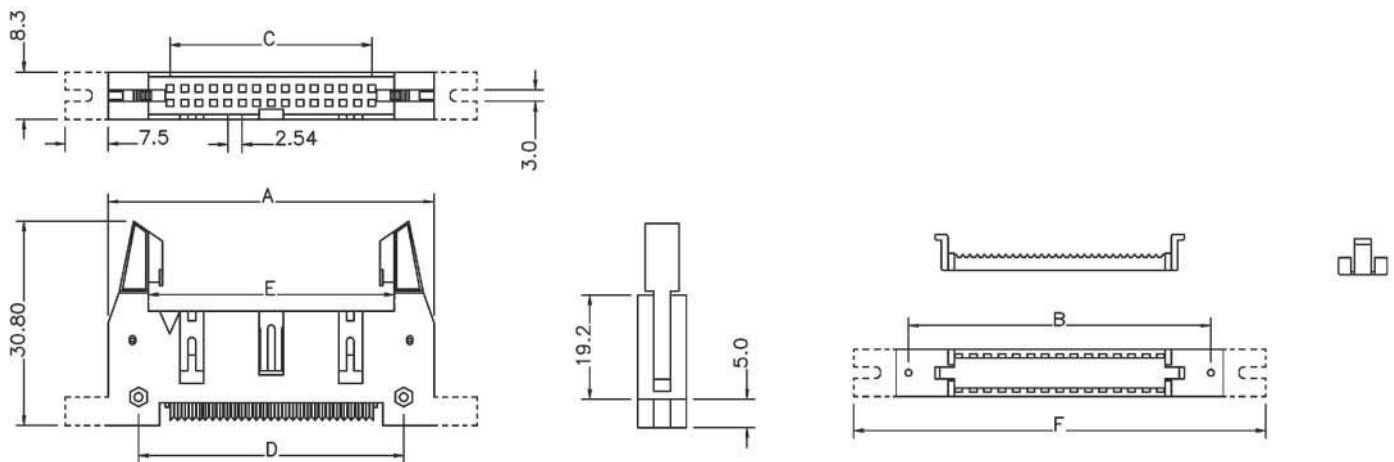
Current Rating: 1A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 10 to 64 poles
 Suitable for 1,27 mm ribbon cable
 Mate with IDC socket p. 2.54 mm
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective gold over nickel



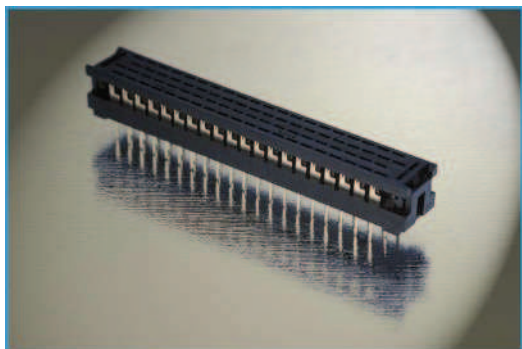
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
10	86M10891-§	31.96	25.40	10.16	21.84	17.96	47.08
14	86M14891-§	37.10	30.48	15.24	23.04	23.04	52.18
16	86M16891-§	36.92	33.02	17.78	29.46	25.58	54.84
20	86M20891-§	44.74	38.10	22.86	34.54	30.66	59.90
26	86M26891-§	52.22	48.26	30.48	42.16	38.28	67.24
30	86M30891-§	57.46	56.26	35.56	46.74	42.86	72.64
34	86M34891-§	62.52	58.42	40.64	52.32	48.44	77.48
40	86M40891-§	70.18	66.04	48.26	59.94	56.60	85.36
50	86M50891-§	82.70	78.74	60.96	72.64	68.76	97.90
60	86M60891-§	95.68	91.44	73.66	85.34	81.45	110.66
64	86M64891-§	100.7	96.52	78.74	90.42	86.54	115.62

§ Add: None=Long latch without m. ears
 -1=Short latch without m. ears
 -2=Long latch with m. ears
 -3=Short latch with m. ears

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Transition plug IDC p.1,27 mm

B



SPECIFICATIONS

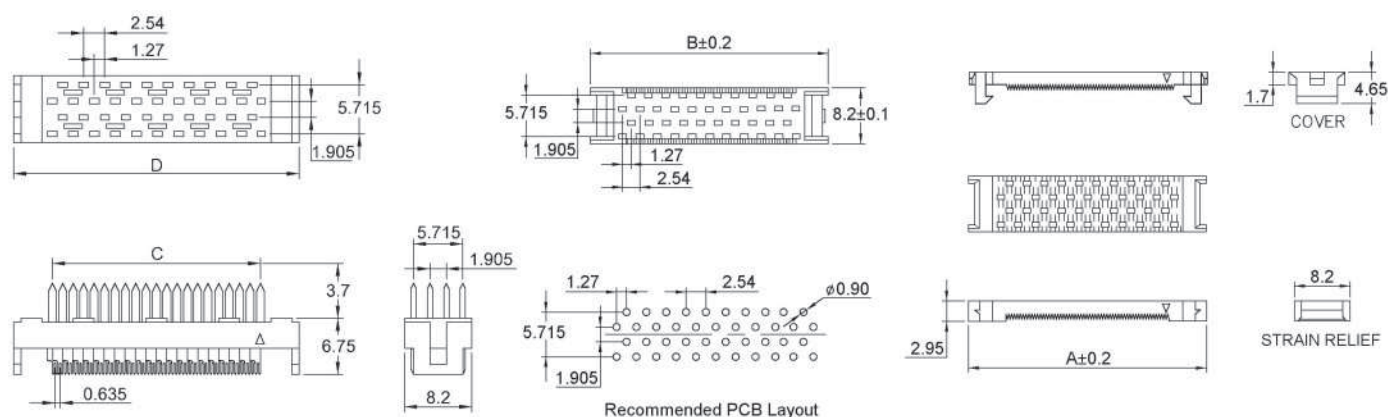
Current Rating: 0.5 A
Withstanding Voltage: 300V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

FEATURES

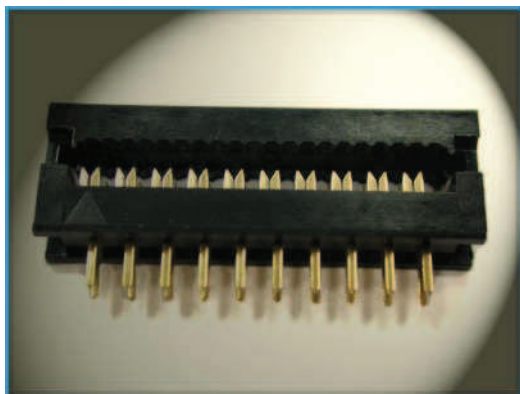
Size 26 to 100 poles
Suitable for 0,635 mm ribbon cable
Applicable PCB tck 1.57mm
Packaging tray

MATERIAL

Insulator: PBT, UL 94 V-0
Contact: Copper alloy
Plating: Tin Plated



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
26	88260-0	22.61	24.61	15.24	24.61
30	88300-0	25.15	27.15	17.76	27.15
34	88340-0	27.69	29.69	20.32	29.69
40	88400-0	31.42	33.50	24.13	33.50
50	88500-0	37.85	39.85	30.48	39.85
60	88600-0	44.20	48.20	36.83	48.20
68	88680-0	49.20	51.40	41.91	51.40
80	88800-0	56.82	59.00	49.53	59.00
100	881000-0	69.60	71.60	62.23	71.60

**SPECIFICATIONS**

Current Rating: 1 A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Plating: Tin over Nickel

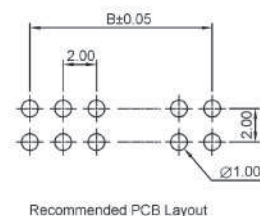
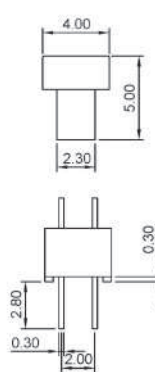
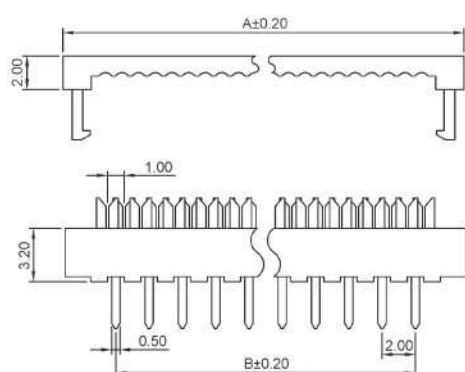
FEATURES

Size 8 to 60 poles

Suitable for 1,00 mm ribbon cable

Applicable PCB tck 1.57mm

Packaging tray

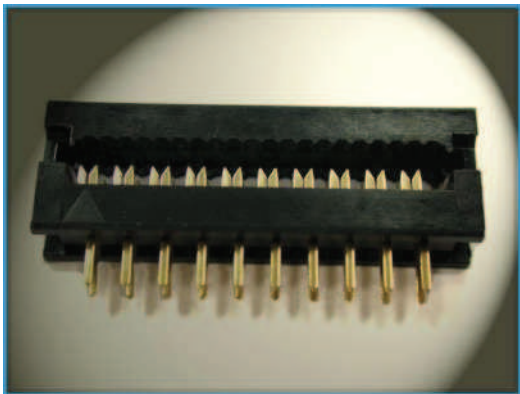


Poles	Part. No.	A (mm)	B (mm)	Poles	Part. No.	A (mm)	B (mm)
8	88080-2	12.10	6.00	48	88480-2	52.10	46.00
10	88100-2	14.10	8.00	50	88500-2	54.10	48.00
12	88120-2	16.10	10.00	52	88520-2	56.10	50.00
14	88140-2	18.10	12.00	54	88540-2	58.10	52.00
16	88160-2	20.10	14.00	56	88560-2	60.10	54.00
18	88160-2	22.10	16.00	58	88580-2	62.10	56.00
20	88200-2	24.10	18.00	60	88600-2	64.10	58.00
22	88220-2	26.10	20.00				
24	88240-2	28.10	22.00				
26	88260-2	30.10	24.00				
28	88280-2	32.10	26.00				
30	88300-2	34.10	28.00				
32	88320-2	36.10	30.00				
34	88340-2	38.10	32.00				
36	88360-2	40.10	34.00				
38	88380-2	42.10	36.00				
40	88400-2	44.10	38.00				
42	88420-2	46.10	40.00				
44	88440-2	48.10	42.00				
46	88460-2	50.10	44.00				

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Transition plug IDC p.2,54 mm

B



SPECIFICATIONS

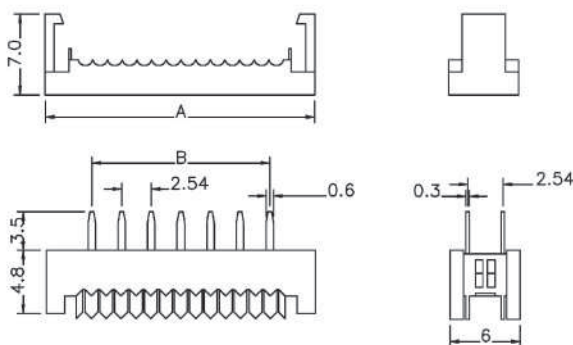
Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 M Ω min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 m Ω max.

FEATURES

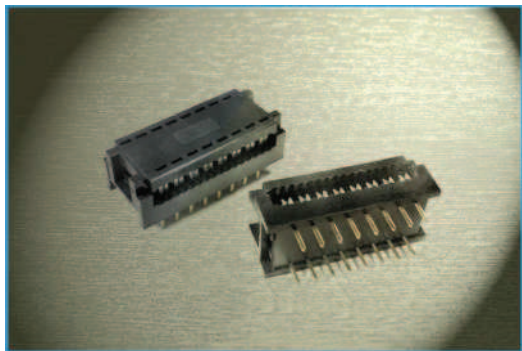
Size 8 to 60 poles
Suitable for 1,27 mm ribbon cable
Applicable PCB tck 1.57mm
Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
Contact: Copper alloy
Plating: Tin over Nickel



Poles	Part. No.	A (mm)	B (mm)
8	88080	15,44	7,62
10	88100	17,76	10,16
14	88140	22,84	15,24
16	88160	25,38	17,78
20	88200	30,46	22,86
24	88240	35,76	27,94
26	88260	38,08	30,48
30	88300	43,16	35,56
34	88340	48,24	40,64
40	88400	55,86	48,26
50	88500	68,56	60,96
60	88600	81,26	73,66

**SPECIFICATIONS**

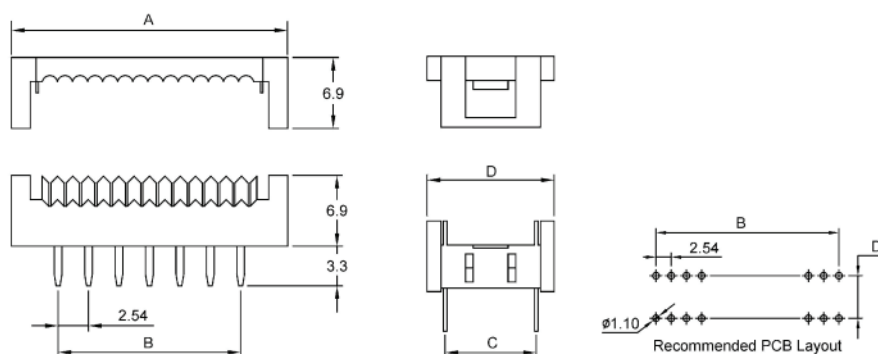
Current Rating: 1 A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 8 to 40 poles
 Suitable for 1,27 mm ribbon cable
 Applicable PCB tck 1.57mm
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Tin over Nickel

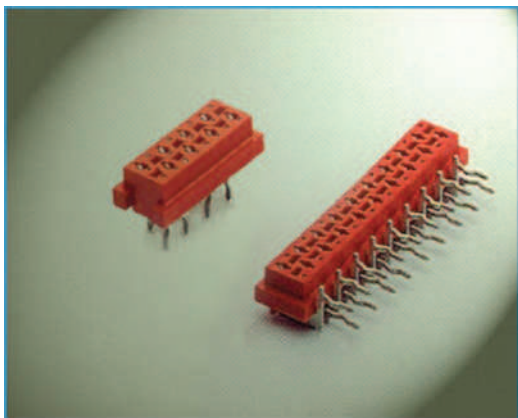


Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
8	87080	15.44	7.62	7.62	10.60
10	87100	17.98	13.16	7.62	10.60
14	87140	23.06	15.24	7.62	10.60
16	87160	25.60	17.78	7.62	10.60
18	87180	28.14	20.32	7.62	10.60
20	87200	30.68	22.86	7.62	10.60
24	87240	35.76	27.94	15.24	18.25
28	87280	40.84	33.02	15.24	18.25
32	87320	45.92	38.10	15.24	18.25
36	87360	51.00	43.18	15.24	18.25
40	87400	56.08	48.26	15.24	18.25

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Microminiature p.1,27 mm male on board

B



SPECIFICATIONS

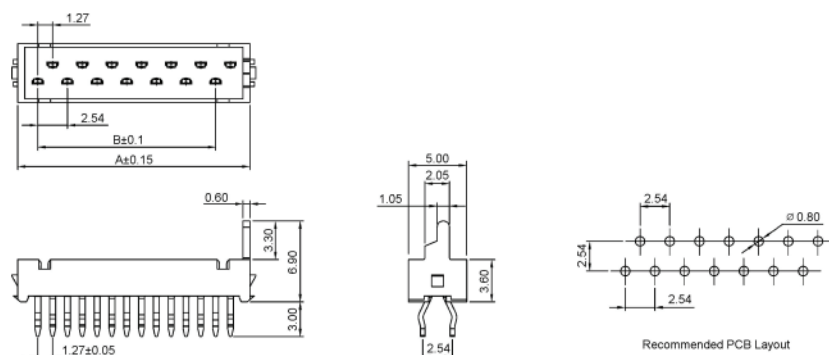
Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

MATERIAL

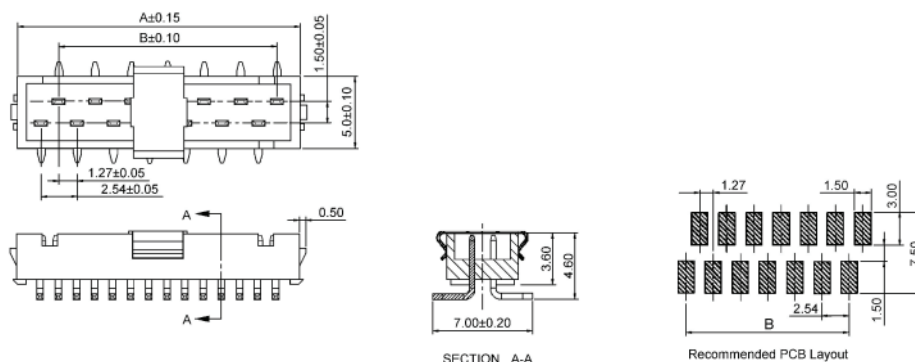
Insulator: Nylon 46, UL94V-0
Contact: Copper alloy
Plating: Tin over Nickel

FEATURES

Size 4 to 20 poles
Packaging Tube (tape&reel option available)
Vacuum pick&place cap/film optional



Poles	Part. No.	A (mm)	B (mm)
4	83MD420	7.20	2.54
6	83MD820	9.74	5.08
8	83MD820	12.28	7.62
10	83M1020	18.82	10.16
12	83M1220	17.36	12.70
14	83M1420	19.90	15.24
16	83M1820	22.44	17.78
18	83M1820	24.98	20.32
20	83M2020	27.52	22.86

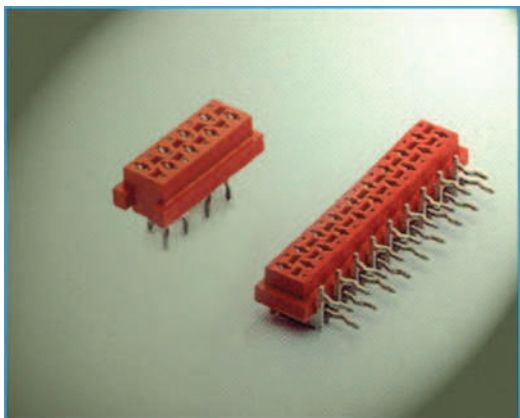


Poles	Part. No.	A (mm)	B (mm)
4	83MD400	7.20	2.54
6	83MD800	9.74	5.08
8	83MD800	12.28	7.62
10	83M1000	14.82	10.16
12	83M1200	17.36	12.70
14	83M1400	19.90	15.24
16	83M1800	22.44	17.78
18	83M1800	24.98	20.32
20	83M2000	27.52	22.86

RIBBON & FLAT WIRE CABLES AND CONNECTORS

Ribbon cable connectors - Microminiature p.1,27 mm female on board

B



SPECIFICATIONS

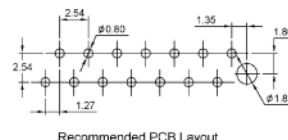
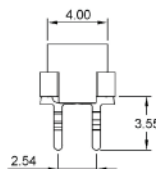
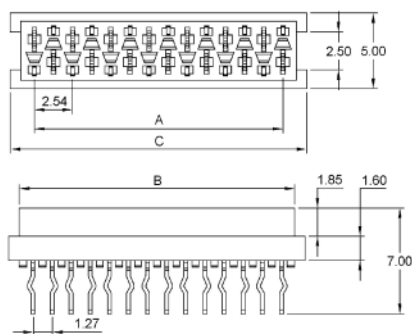
Current Rating: 1 A
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max, -40°C ~ +105°C
 C

FEATURES

Size 4 to 20 poles
 Suitable for 1,27 mm ribbon cable
 Applicable PCB tck 1.57mm
 Packaging bag or tray

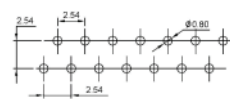
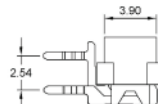
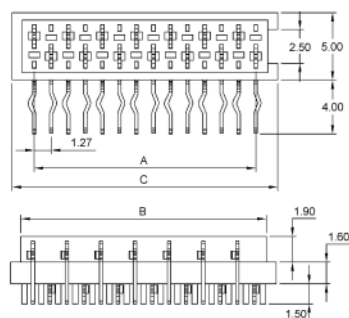
MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Phosphor bronze
 Plating: Tin over Nickel



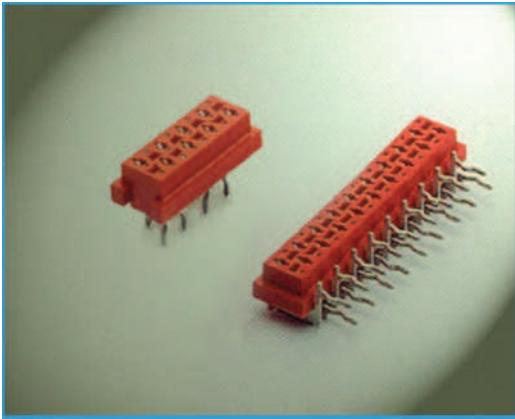
Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
4	83F0420	3,81	5,60	7,10
6	83F0620	6,35	8,14	9,70
8	83F0820	8,89	10,68	12,20
10	83F1020	11,43	13,22	14,70
12	83F1220	13,97	15,76	17,30
14	83F1420	16,51	18,30	19,80
16	83F1620	19,05	20,84	22,40
18	83F1820	21,59	23,38	24,90
20	83F2020	24,13	25,92	27,40



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
4	83F0490	3,81	5,60	7,10
6	83F0690	6,35	8,14	9,70
8	83F0890	8,89	10,68	12,20
10	83F1090	11,43	13,22	14,70
12	83F1290	13,97	15,76	17,30
14	83F1490	16,51	18,30	19,80
16	83F1690	19,05	20,84	22,40
18	83F1890	21,59	23,38	24,90
20	83F2090	24,13	25,92	27,40

**SPECIFICATIONS**

Current Rating: 1 A

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 4 to 20 poles

Packaging Tube (tape&reel option available)

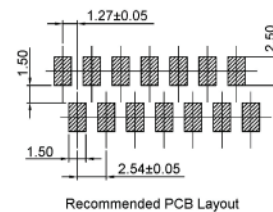
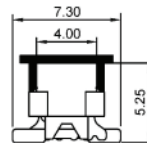
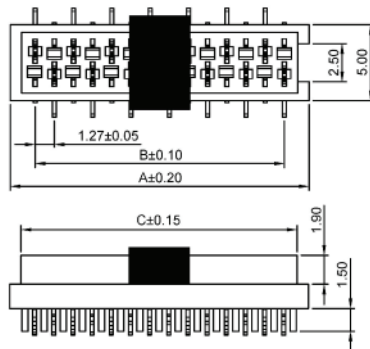
Vacuum pick&place cap/film optional

MATERIAL

Insulator: Nylon 46, UL94V-0

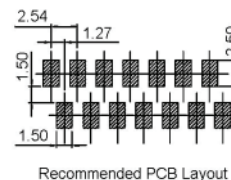
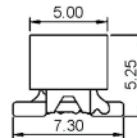
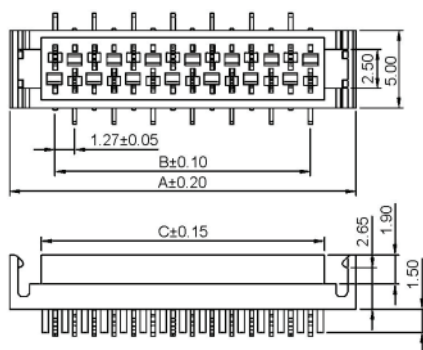
Contact: Copper alloy

Plating: Tin over Nickel



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
4	83F0400	7.00	3.81	5.60
6	83F0600	9.54	6.35	8.14
8	83F0800	12.08	8.89	10.68
10	83F1000	14.62	11.43	13.22
12	83F1200	17.16	13.97	15.76
14	83F1400	19.70	16.51	18.30
16	83F1600	22.24	19.05	20.84
18	83F1800	24.78	21.59	23.38
20	83F2000	27.32	24.13	25.92



Recommended PCB Layout

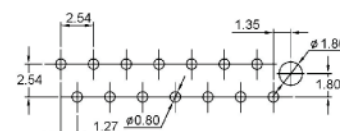
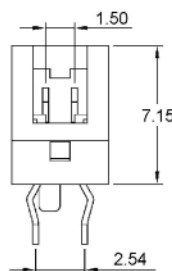
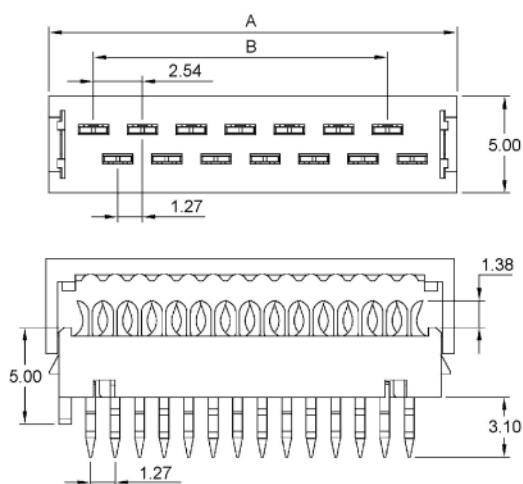
Poles	Part. No.	A (mm)	B (mm)	C (mm)
4	83F0400L	3.81	5.60	7.10
6	83F0600L	6.35	8.14	9.70
8	83F0800L	8.89	10.68	12.20
10	83F1000L	11.43	13.22	14.70
12	83F1200L	13.97	15.76	17.30
14	83F1400L	16.51	18.30	19.80
16	83F1600L	19.05	20.84	22.40
18	83F1800L	21.59	23.38	24.90
20	83F2000L	24.13	25.92	27.40

B

Current Rating: 1 A
Withstanding Voltage: 500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

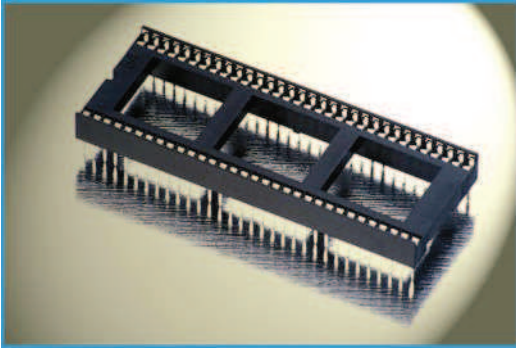
Insulator: G.F. PBT, UL94V-0
Contact: Phosphor bronze
Plating: Tin over Nickel

Size 4 to 40 poles
Suitable for 1.27 mm ribbon cable
Applicable PCB tck 1.57mm
Packaging bag or tray



Recommended PCB layout

Poles	Part. No.	A (mm)	B (mm)
4	83040	8,46	3,81
6	83060	11,00	6,35
8	83080	13,54	8,89
10	83100	16,08	11,43
12	83120	18,62	13,97
14	83140	21,16	16,51
16	83160	23,70	19,05
18	83180	26,24	21,59
20	83200	28,78	24,13

**SPECIFICATIONS**

Current Rating: 1 A

Insulation Resistance: 5000 MΩ min.

Withstanding Voltage: 500V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: PBT, UL 94 V-0

Contact: Phosphor bronze

Plating: Tin over Nickel

FEATURES

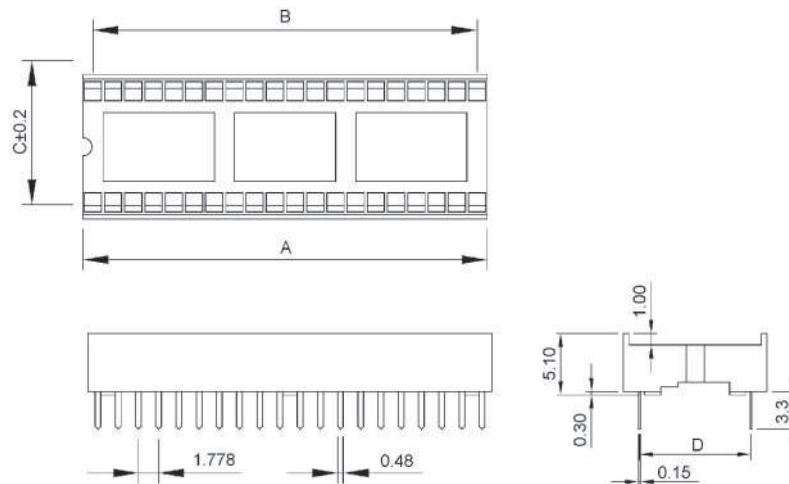
Size 16 to 64 poles

Suitable for 1,57mm thick PCB

Eneable easy IC insertion

Dual beam contact, high reliability connection

Packaging Tube

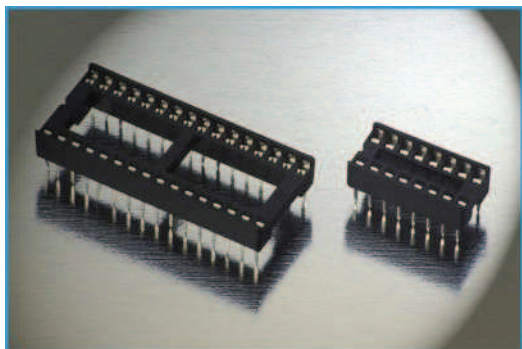


Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
16	5620820-07	14.22	12.45	10.10	7.62
20	5621020-07	17.78	16.00	10.10	7.62
22	5621120-07	19.56	17.78	10.10	7.62
24	5621220-10	21.34	19.56	12.65	10.16
28	5621420-10	24.89	23.11	12.65	10.16
30	5621520-10	26.67	24.89	12.65	10.16
32	5621620-10	28.54	26.67	12.65	10.16
40	5622020-15	35.56	33.78	17.75	15.24
42	5622120-15	37.34	35.56	17.75	15.24
48	5622220-15	42.67	40.89	17.75	15.24
52	5622620-15	46.23	44.45	17.75	15.24
54	5622720-15	48.01	46.23	17.75	15.24
56	5622820-15	49.78	48.01	17.75	15.24
64	5623220-19	56.90	55.12	28.00	19.05

MEMORY CARD & SOCKET CONNECTORS

PCB socket - IC socket p.2,54 mm

C



SPECIFICATIONS

Current Rating: 1 A

Insulation Resistance: 1000 MΩ min,

Withstanding Voltage: 500V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: PBT, UL 94 V-0

Contact: Phosphor bronze

Plating: Tin over Nickel

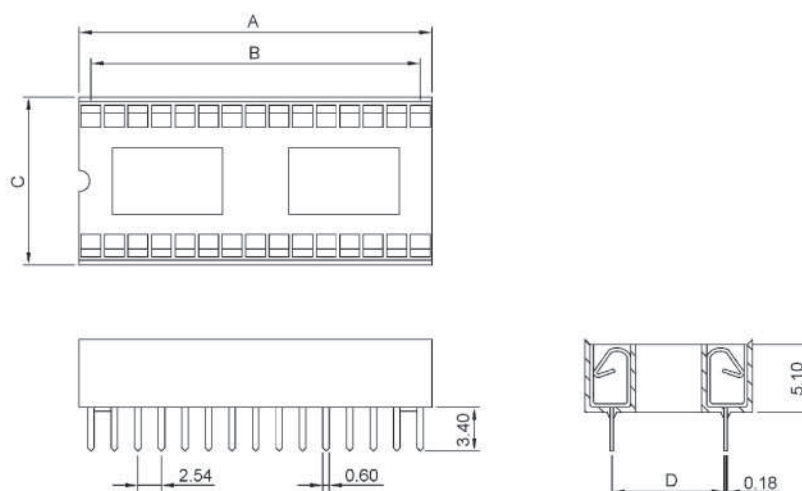
FEATURES

Size 6 to 64 poles

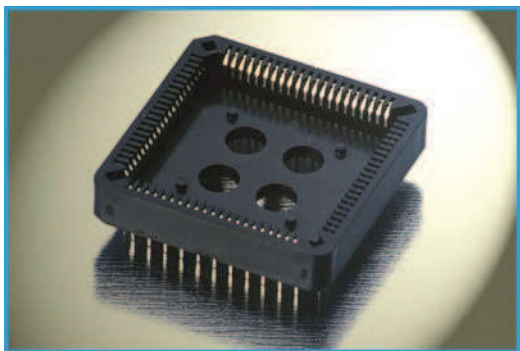
Dual beam stamped contact

Suitable for 1.57mm thick PCB

Packaging Tube



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D(mm)
6	5620320	7.62	5.08	10.00	7.62
8	5620420	10.16	7.62	10.00	7.62
14	5620720	17.78	15.24	10.00	7.62
16	5620820	20.32	17.78	10.00	7.62
18	5620920	22.86	20.32	10.00	7.62
20	5621020	25.40	22.86	10.00	7.62
22	5621120	27.94	25.40	10.00	7.62
24	5621220-7	30.48	27.94	10.00	7.62
28	5621420-7	35.56	33.02	10.00	7.62
32	5621620-7	40.64	38.10	10.00	7.62
24	5621220	30.48	27.94	17.75	15.24
28	5621420	35.56	33.02	17.75	15.24
32	5621620	40.64	38.10	17.75	15.24
34	5621720	43.18	40.64	17.75	15.24
40	5622020	50.80	48.26	17.75	15.24
48	5622420	60.96	58.42	17.75	15.24
64	5623220	81.30	78.76	28.00	23.00

**SPECIFICATIONS**

Current Rating: 1 A

Insulation Resistance: 1000 M Ω min,

Withstanding Voltage: 500V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 30 m Ω max,**MATERIAL**

Insulator: G.F. PBT or PPS, UL94V-0

Contact: Phosphor bronze

Plating: Tin over nickel

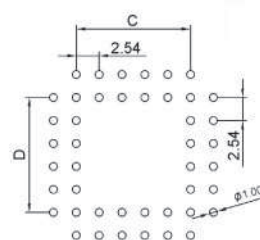
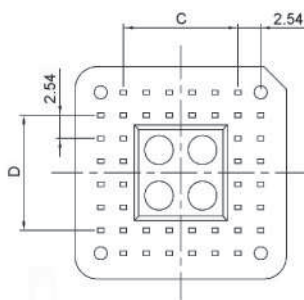
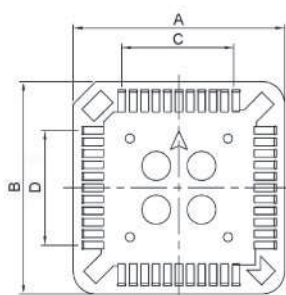
FEATURES

Size 20 to 84 poles

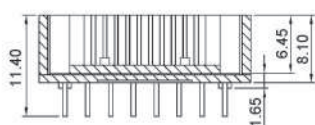
Accept JEDEC Type A square chips,

Suitable for 1.57mm thick PCB

Packaging Tube



Recommended PCB Layout



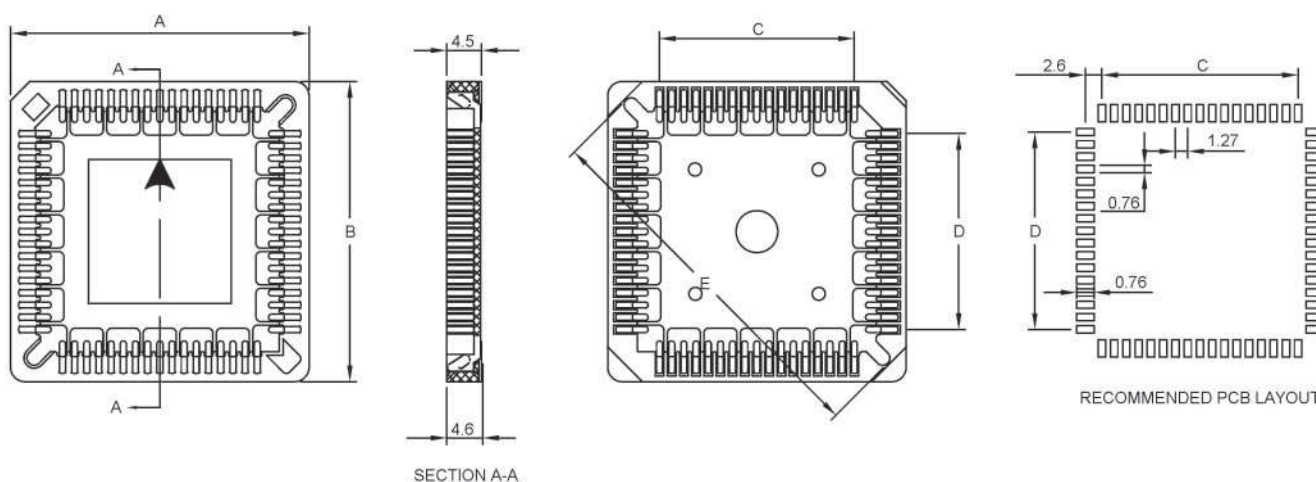
Poles	P/N, PBT	P/N, PPS	A (mm)	B (mm)	C (mm)	D (mm)
20	PLCC-20-T-B	PLCC-20-T1-P	15.50	15.50	5.06	5.06
28	PLCC-28-T-B	PLCC-28-T1-P	18.00	18.00	7.62	7.62
32	PLCC-32-T-B	PLCC-32-T1-P	18.00	25.56	7.62	10.16
44	PLCC-44-T-B	PLCC-44-T1-P	23.58	23.58	12.70	12.70
52	PLCC-52-T-B	PLCC-52-T1-P	25.90	25.90	15.24	15.24
68	PLCC-68-T-B	PLCC-68-T1-P	31.80	31.80	20.32	20.32
68	---	PLCC-68-T1-P	31.10	31.10	20.32	20.32
84	PLCC-84-T-B	PLCC-84-T1-P	36.70	36.70	25.40	25.40
84	---	PLCC-84-T1-P	36.00	36.00	25.40	25.40

C

Current Rating: 1 A
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 500V AC/minute
Temperature Range: -55°C ~ +105°C
Contact Resistance: 30 mΩ max.

Insulator: G.F. PPS, UL 94V-0
Contact: Phosphor bronze
Plating: Tin over Nickel

Size 20 to 84 poles
Accept JEDEC Type A square chips.
Packaging Tube or Tape & reel

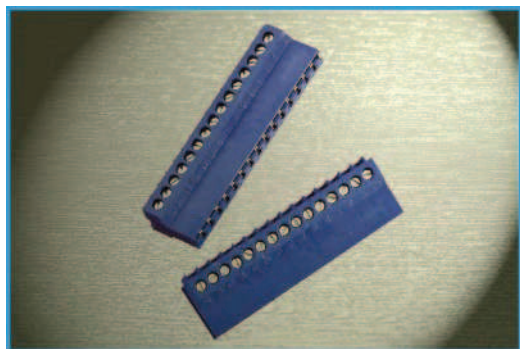


Poles	Part. No.	A (mm)	B (mm)	C (mm)	D(mm)	E(mm)
20	PD412021	15,66	15,66	5,08	5,08	17,28
28	PD412821	18,20	18,20	7,62	7,62	20,87
32	PD413221	18,20	20,74	7,62	10,16	22,20
44	PD414421	23,28	23,28	12,70	12,70	27,80
52	PD415221	25,28	25,28	15,24	15,24	31,66
68	PD416821	30,90	30,90	20,32	20,32	38,75
84	PD418421	35,98	35,98	25,40	25,40	46,00

TERMINAL BLOCK CONNECTORS

Screw Terminal edge connectors - p.5,0 mm

D



SPECIFICATIONS

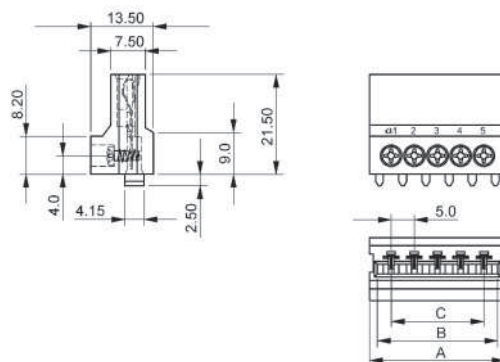
Current Rating: 5A
 Insulation Resistance: 5000 MΩ min.
 Voltage Rating: 250V AC
 Withstanding Voltage: 1500V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

FEATURES

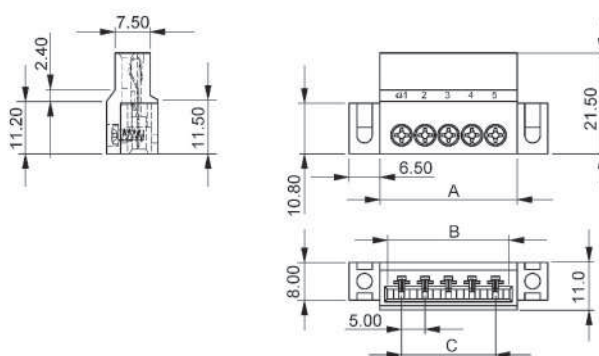
Size 3 to 15 poles
 Suitable for discrete wire AWG 16~ 20
 Accept PCB tck 1.57mm
 Packaging box
 Screw driver Ph1

MATERIAL

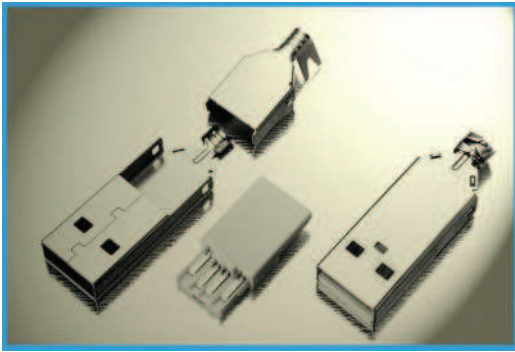
Insulator: Norly, UL 94V-0, blue colour
 Contact: Phosphor bronze
 Plating: Tin over nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
3	540440370	19.30	16.10	10.00	13	540441370	69.30	66.20	60.00
4	540440470	24.30	21.10	15.00	14	540441470	74.30	71.20	65.00
5	540440570	29.30	26.10	20.00	15	540441570	79.30	76.20	70.00
6	540440670	34.30	31.10	25.00					
7	540440770	39.30	36.10	30.00					
8	540440870	44.30	41.10	35.00					
9	540440970	49.30	46.10	40.00					
10	540441070	54.30	51.20	45.00					
11	540441170	59.30	56.20	50.00					
12	540441270	64.30	61.20	55.00					



Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
5	540450570	29.30	26.10	20.00					
6	540450670	34.30	31.10	25.00					
7	540450770	39.30	36.10	30.00					
8	540450870	44.30	41.10	35.00					
9	540450970	49.30	46.10	40.00					
10	540451070	54.30	51.20	45.00					
11	540451170	59.30	56.20	50.00					
12	540451270	64.30	61.20	55.00					
13	540451370	69.30	66.20	60.00					
14	540451470	74.30	71.20	65.00					



SPECIFICATIONS

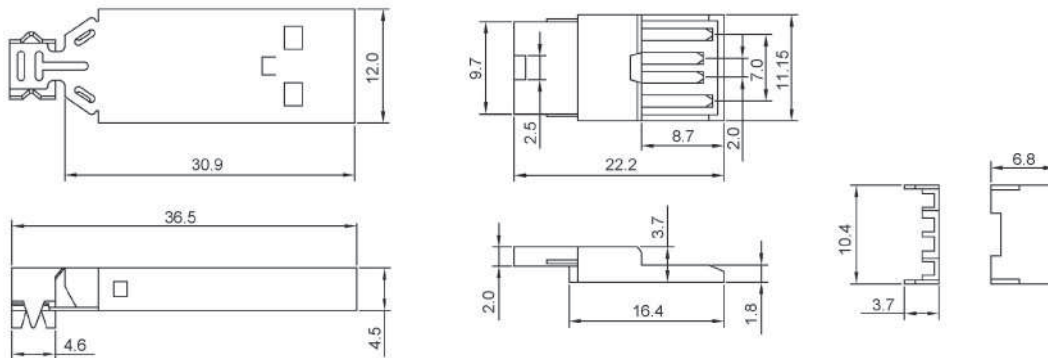
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

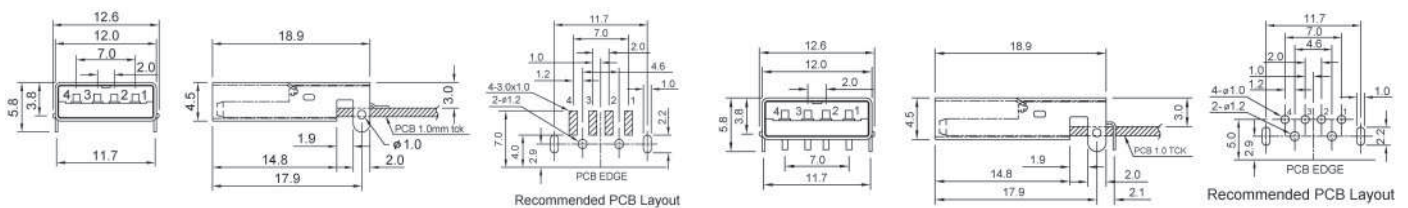
Insulator: PBT, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass Nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Socket type A
 Packaging: bag or tray



Poles	Part. No.	Type
4	2363P1.90	Cable



Poles	Part. No.	Type
4	2363P2.90	SMT 90°
4	2363P3.90	THT 90°

I/O CONNECTORS

USB/Mini USB connectors - USB sockets Type A THT/SMT 90°



SPECIFICATIONS

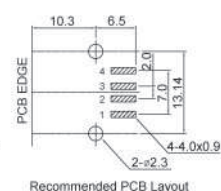
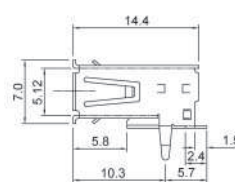
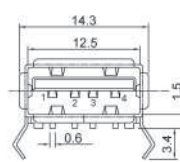
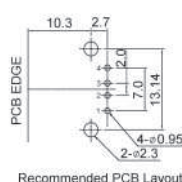
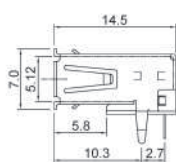
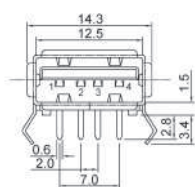
Current Rating: 1 A
 Insulation Resistance: 1000 M Ω min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 m Ω max.

MATERIALS

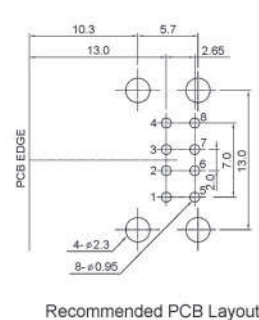
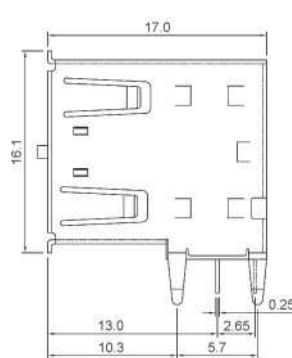
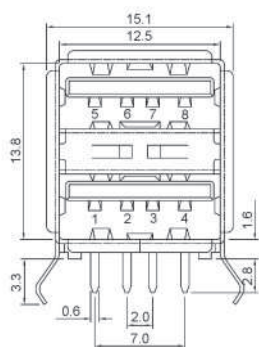
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass Nickel plated

FEATURES

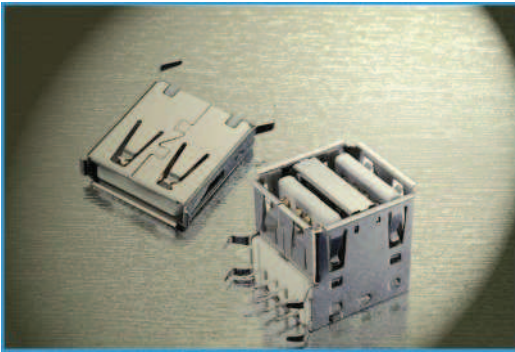
Suitable for 1.57mm thick PCB
 Mate with USB Plug type A
 Packaging tray



Poles	Part. No	Type
4	2363R1.90	THT 90°
4	2363R2.90	SMT 90°



Poles	Part. No	Type
4	2363R3.90	Dual Port



SPECIFICATIONS

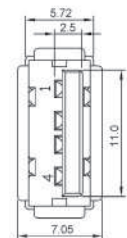
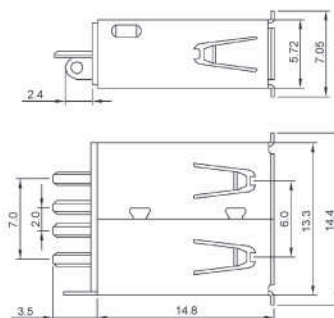
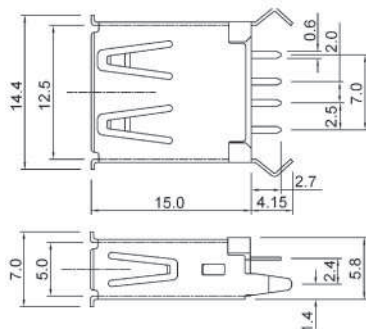
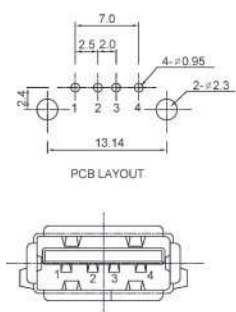
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

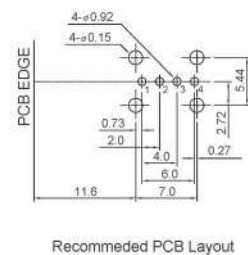
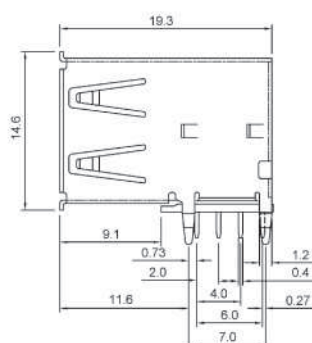
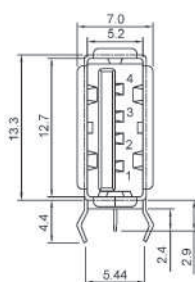
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass Nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Plug type A
 Packaging tray



Poles	Part. No	Type
4	2363R4.90	THT 180°
4	2363R5.90	Solder



Poles	Part. No.	Type
4	2363R6.90	Up right

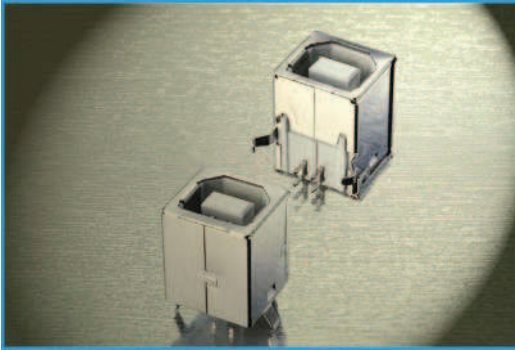
USB/Mini USB connectors - USB plugs Type B Solder type



MATERIALS

FEATURES

[illegible]174



SPECIFICATIONS

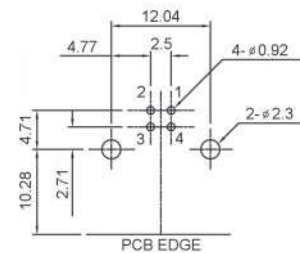
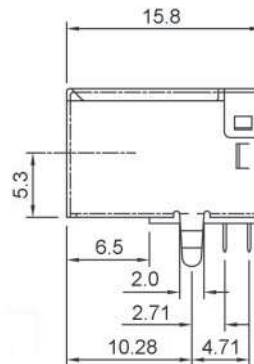
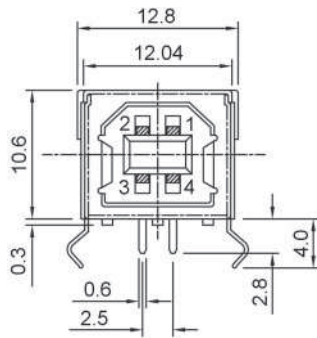
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass nickel plated

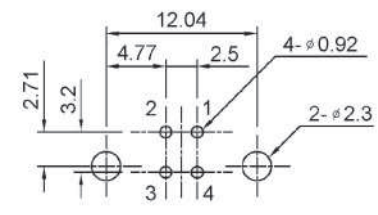
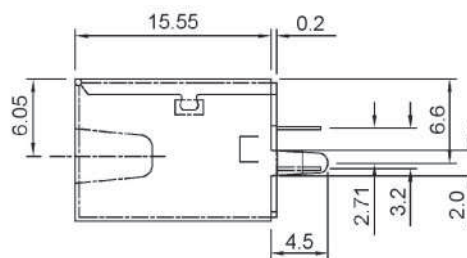
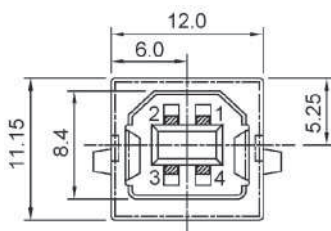
FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Plug type B
 Packaging tray



Recommended PCB Layout

Poles	Part. No	Type
4	2373R1.90	THT 90°



Recommended PCB Layout

Poles	Part. No.	Type
4	2373R2.90	THT 180°

I/O CONNECTORS

USB/Mini USB connectors - USB sockets Type B SMT 90/180°/Solder type



SPECIFICATIONS

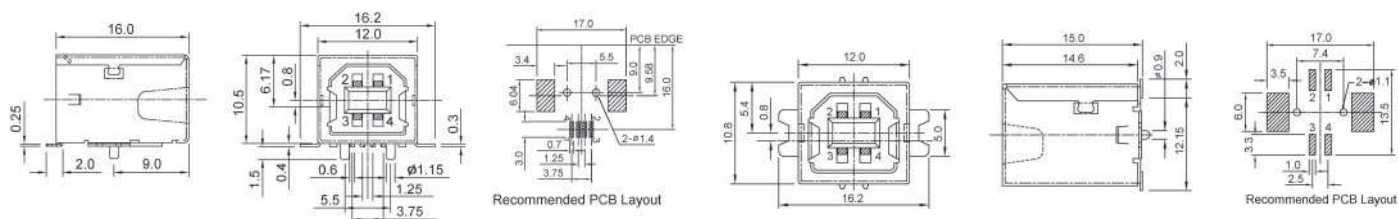
Current Rating: 1A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 750V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

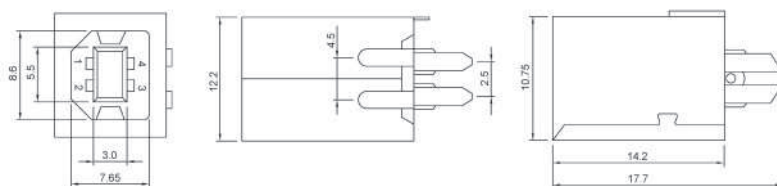
Insulator: PBT or Nylon 9T, UL 94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Brass nickel plated

FEATURES

Suitable for 1.57mm thick PCB
 Mate with USB Socket type B
 Packaging tray



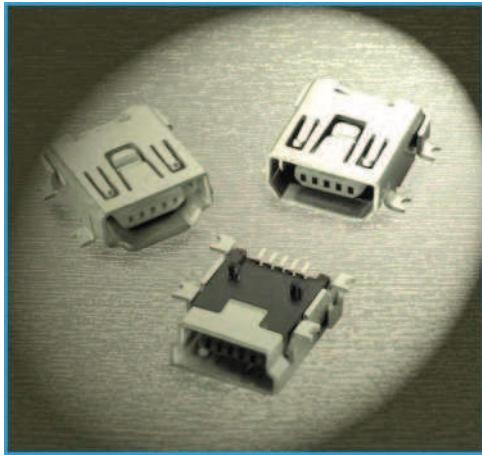
Poles	Part. No	Type
4	2373R3.90	SMT 90°
4	2373R4.90	SMT 180°



Poles	Part. No.	Type
4	2373R5.90	Solder

I/O CONNECTORS

USB/Mini USB connectors - Mini USB sockets Type B THT/SMT



SPECIFICATIONS

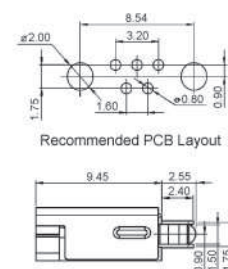
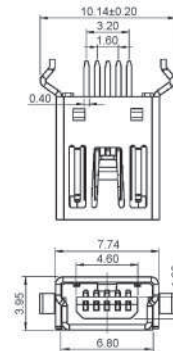
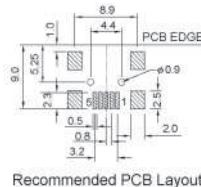
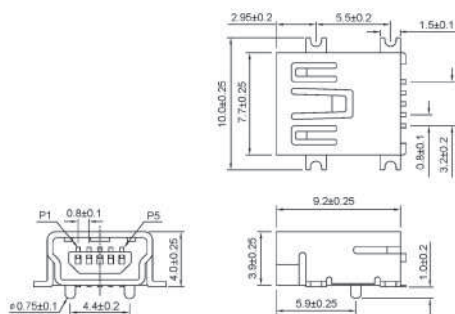
Current Rating: 1 A
 Insulation Resistance: 100 MΩ min.
 Voltage Rating: 30V AC
 Withstanding Voltage: 100V AC
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 30 mΩ max.

MATERIALS

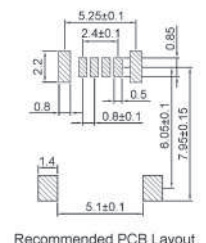
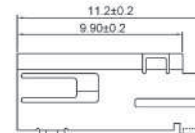
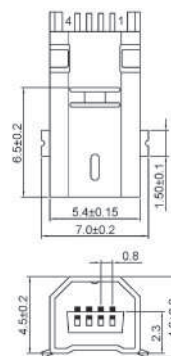
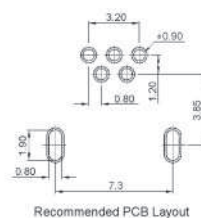
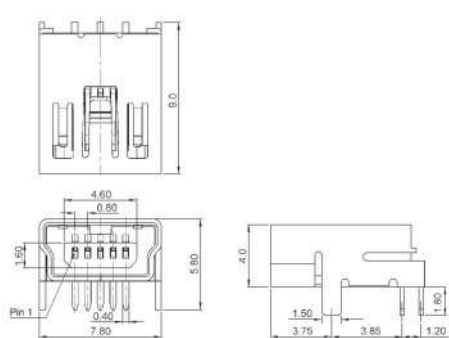
Insulator: LCP or Nylon 9T, UL 94V-0
 Contact: Phosphor Bronze
 Plating: Selective Gold over Nickel
 Shell: Copper alloy Nickel plated

FEATURES

Fully compliant with USB2.0 specs.
 Compact and lightweight design for portable devices
 Operating up to 480 Mbps
 Packaging tray (optional tape&reel upon request)



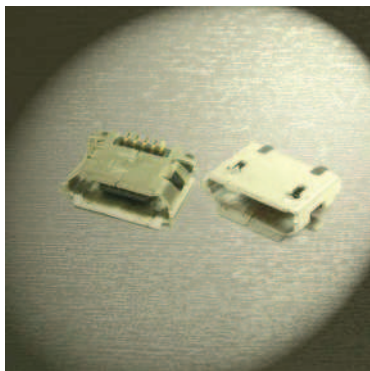
Poles	Part. No	Type
5	2374R1.90	SMT 90°
5	2374R2.90	THT 180°



Poles	Part. No.	Type
5	2374R3.90	THT 90°
4	2374R4.90	SMT 90°

I/O CONNECTORS

USB/Mini USB connectors - Micro USB sockets SMT 90°



SPECIFICATIONS

Current Rating: 1A

Insulation Resistance: 100 MΩ min.

Voltage Rating: 100V AC

Withstanding Voltage: 100V AC

Temperature Range: -20°C ~ +85°C

Contact Resistance: 30 mΩ max.

MATERIALS

Insulator: LCP or Nylon 9T, UL 94V-0

Contact: Phosphor Bronze

Plating: Selective Gold over Nickel

Shell: Copper alloy Nickel plated

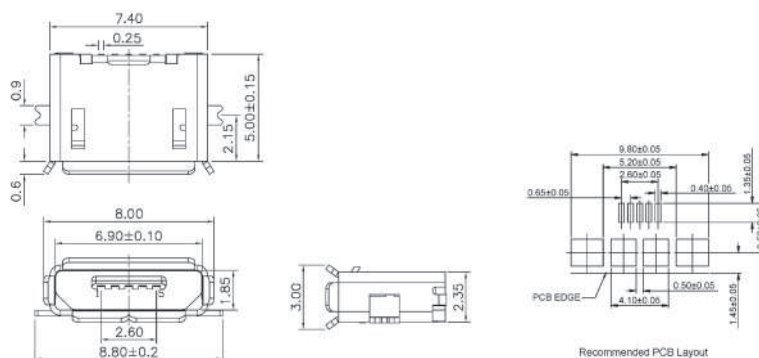
FEATURES

Fully compliant with USB2.0 specs.

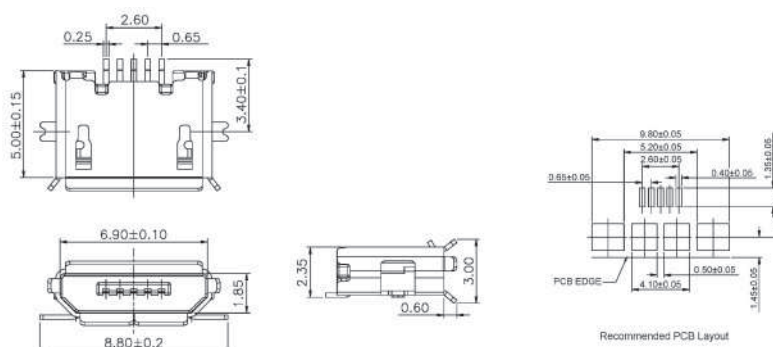
Compact and lightweight design for portable devices

Operating up to 480 Mbps

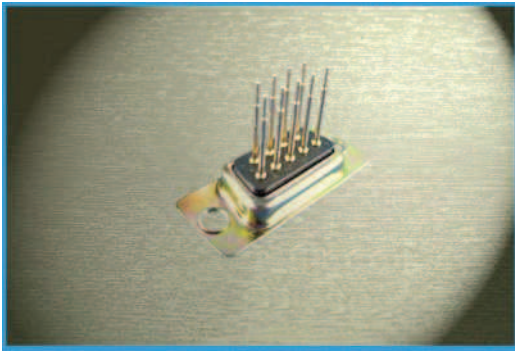
Packaging tray (optional tape & reel on request)



Poles	Part. No	Type
5	2394R1.90	AB



Poles	Part. No.	Type
5	2394R2.90	BB

**SPECIFICATIONS**

Current Rating: 5A

Insulation Resistance: 1000 MΩ min,

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

Contact Resistance: 20 mΩ max,

MATERIALS

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

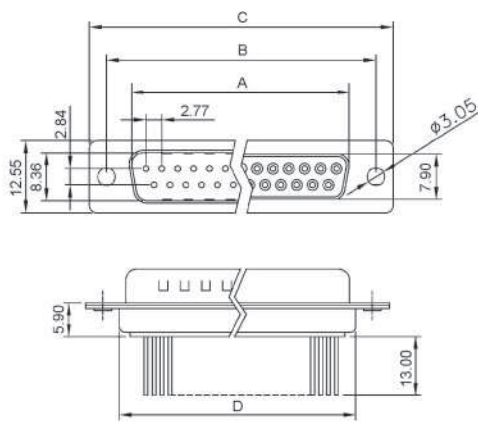
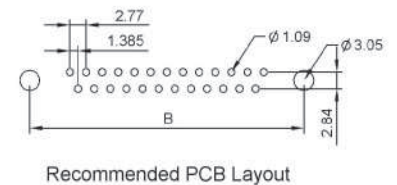
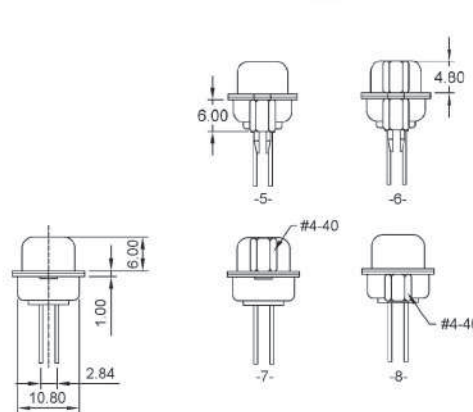
Plating: Gold over Nickel

Shell: Steel tin plated

FEATURES

Size 9 to 50 poles

Packaging tray

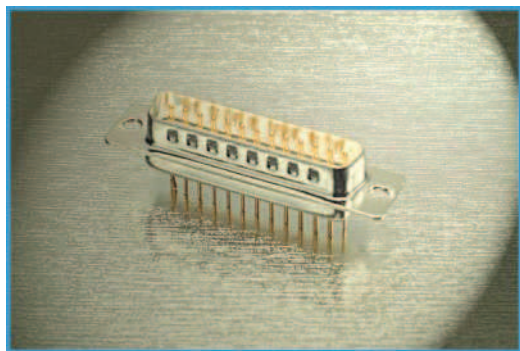
**Accessories**

Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Machined Pin						
9	843009P10-*	843009S10-*	16.92 / 16.30	25.00	30.80	19.20
15	843015P10-*	843015S10-*	25.25 / 24.60	33.30	39.20	27.70
25	843025P10-*	843025S10-*	38.96 / 38.30	47.10	53.10	41.10
37	843037P10-*	843037S10-*	55.42 / 54.80	63.50	69.40	57.30
50	843050P10-*	843050S10-*	52.81 / 52.20	61.00	67.00	55.10
Stamped Pin						
9	843009P10-S*	843009S10-S*	16.92 / 16.30	25.00	30.80	19.20
15	843015P10-S*	843015S10-S*	25.25 / 24.60	33.30	39.20	27.70
25	843025P10-S*	843025S25-S*	38.96 / 38.30	47.10	53.10	41.10
37	843037P10-S*	843037S10-S*	55.42 / 54.80	63.50	69.40	57.30
50	843050P10-S*	843050S10-S*	52.81 / 52.20	61.00	67.00	55.10

*Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub PCB THT 180°



SPECIFICATIONS

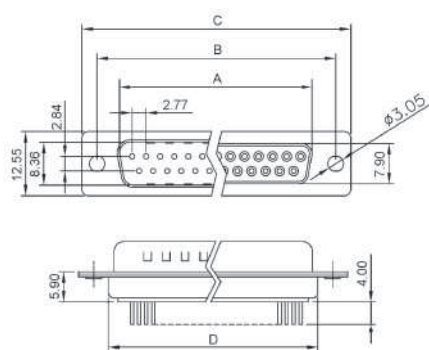
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min,
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

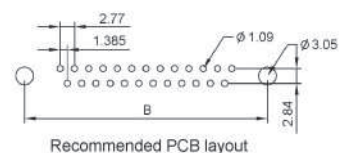
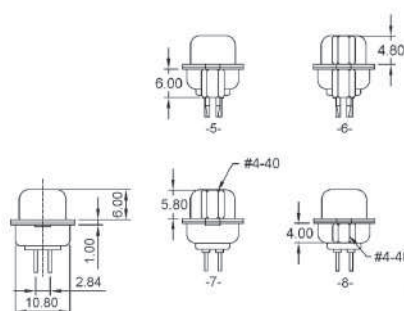
Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated

FEATURES

Size 9 to 50 poles
 Suitable for 1.57mm thick PCB
 Packaging tray

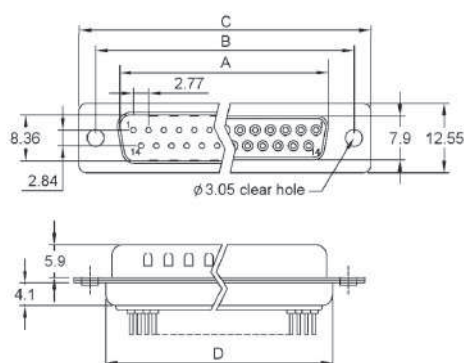


Accessories

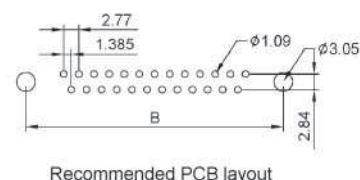
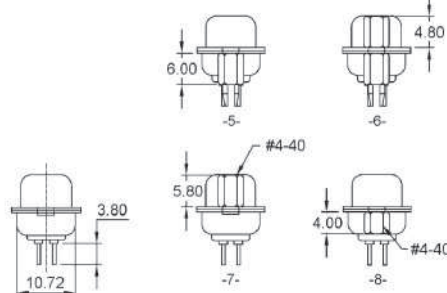


Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Machined Pin						
9	843009P20-*	843009S20-*	16,92 / 16,30	25,00	30,80	19,20
15	843015P20-*	843015S20-*	25,25 / 24,60	33,30	38,20	27,70
25	843025P20-*	843025S20-*	38,96 / 38,30	47,00	53,10	41,10
37	843037P20-*	843037S20-*	55,42 / 54,60	63,50	69,40	57,30
50	843050P20-*	843050S20-*	52,84 / 52,50	61,00	67,00	55,10

*=Select the requested accessories .



Accessories

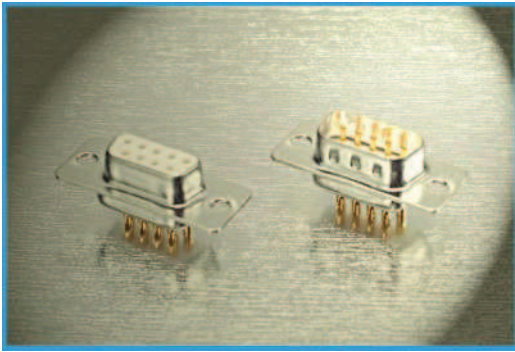


Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
Stamped Pin						
9	843009P20-S*	843009S20-S*	16,92 / 16,30	25,00	30,80	19,20
15	843015P20-S*	843015S20-S*	25,25 / 24,60	33,30	38,20	27,70
25	843025P20-S*	843025S20-S*	38,96 / 38,30	47,00	53,10	41,10
37	843037P20-S*	843037S20-S*	55,42 / 54,60	63,50	69,40	57,30
50	843050P20-S*	843050S20-S*	52,81 / 52,20	61,00	67,00	55,10

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub hand solder



SPECIFICATIONS

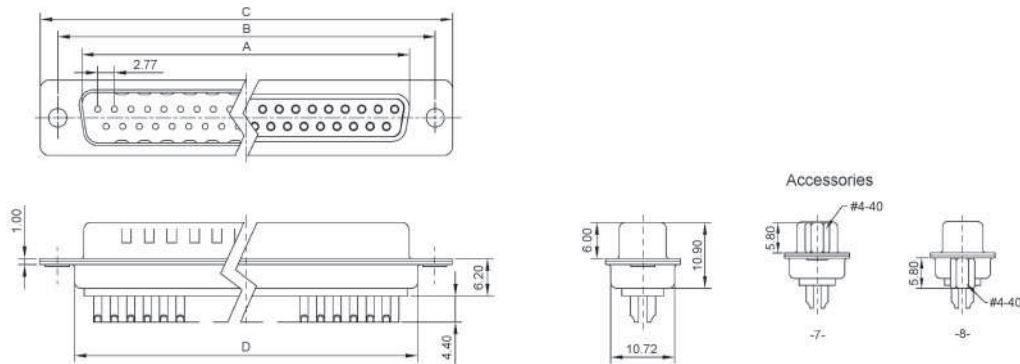
Current Rating: 5A
 Insulation Resistance: 1000 M Ω min,
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 m Ω max.

MATERIALS

Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated

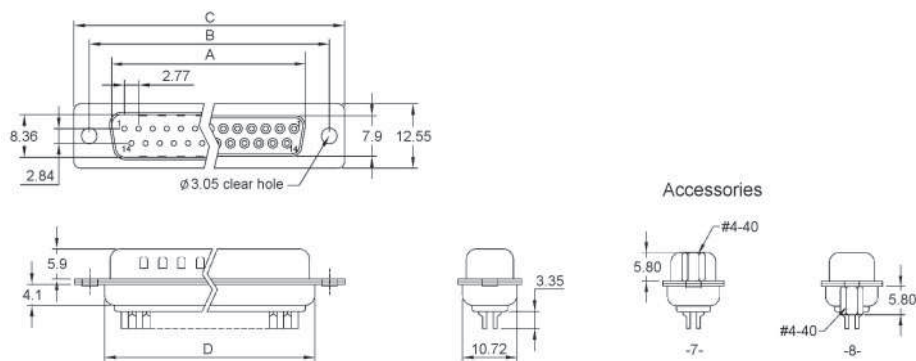
FEATURES

Size 9 to 50 poles
 Packaging tray



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
<u>Machined Pin</u>						
9	843009P30-S*	843009S30-S*	16,92 / 16,30	25,00	30,80	19,20
15	843015P30-S*	843015S30-S*	25,25 / 24,60	33,30	38,20	27,70
25	843025P30-S*	843025S30-S*	38,96 / 24,60	47,00	63,10	41,10
37	843037P30-S*	843037S30-S*	55,42 / 54,60	63,50	69,40	57,30
50	843050P30-S*	843050S30-S*	52,81 / 52,20	61,00	67,00	55,10

*=Select the requested accessories.



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D (mm)
<u>Stamped Pin</u>						
9	843009P30-S*	843009S30-S*	16,92 / 16,30	25,00	30,80	19,20
15	843015P30-S*	843015S30-S*	25,25 / 24,60	33,30	38,20	27,70
25	843025P30-S*	843025S30-S*	38,96 / 39,30	47,00	53,10	41,10
37	843037P30-S*	843037S30-S*	55,42 / 54,60	63,50	69,40	57,30
50	843050P30-S*	843050S30-S*	52,81 / 52,20	61,00	67,00	55,10

*=Select the requested accessories .

I/O CONNECTORS

D-Sub connectors - D-Sub PCB THT 90°



SPECIFICATIONS

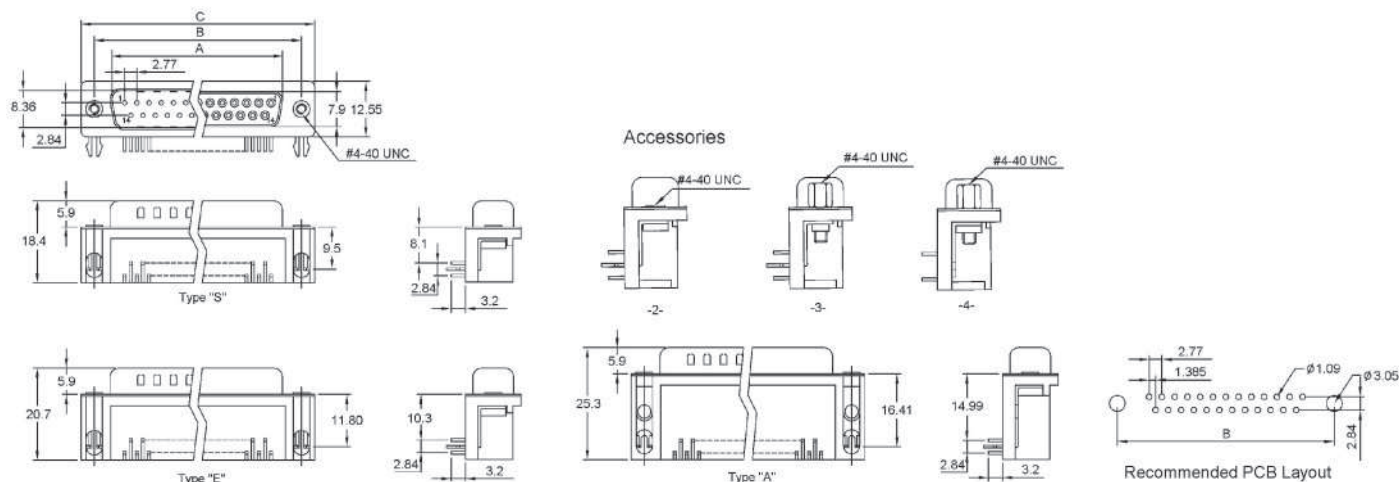
Current Rating: 5A
 Insulation Resistance: 1000 MΩ min,
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 9 to 37 poles
 Packaging tray
 Suitable for 1.57mm thick PCB

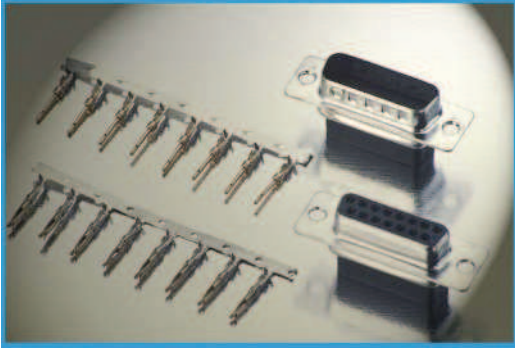
MATERIAL

Insulator: G.F. PBT UL94V-0
 Contact: Copper alloy
 Plating: gold over nickel
 Shell: Steel tin plated



Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)
Type S					
9	843039P90SxS	843009S90SxS	16.92 / 16.30	25.00	30.80
15	843015P90SxS	843015S90SxS	25.25 / 24.60	33.30	39.20
25	843025P90SxS	843025S90SxS	38.86 / 38.30	47.10	53.10
37	843037P90SxS	843037S90SxS	55.22 / 54.60	63.50	69.40
Type E					
9	843039P90ExS	843009S90ExS	16.92 / 16.30	25.00	30.80
15	843015P90ExS	843015S90ExS	25.25 / 24.60	33.30	39.20
25	843025P90ExS	843025S90ExS	38.86 / 38.30	47.10	53.10
37	843037P90ExS	843037S90ExS	55.22 / 54.60	63.50	69.40
Type A					
9	843039P90AxS	843009S90AxS	16.92 / 16.30	25.00	30.80
15	843015P90AxS	843015S90AxS	25.25 / 24.60	33.30	39.20
25	843025P90AxS	843025S90AxS	38.86 / 38.30	47.10	53.10
37	843037P90AxS	843037S90AxS	55.22 / 54.60	63.50	69.40

X= Select the requested accessories.



SPECIFICATIONS

Insulation Resistance: 1000 M Ω min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 m Ω max.
 Current Rating: 3A

HOUSING

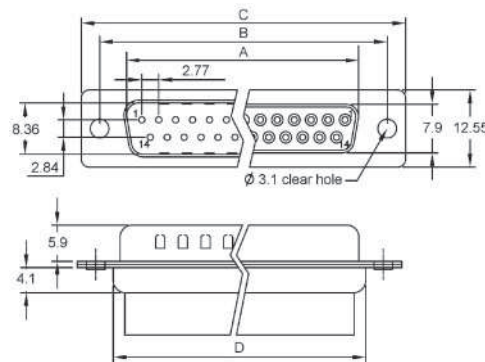
Insulator: G.F. PBT, UL94V-0
 Shell: Steel Tin plated

TERMINAL

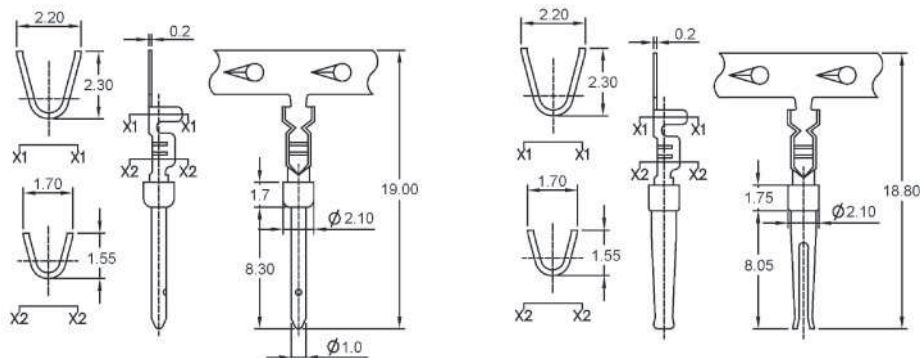
Applicable wires: AWG 24 ~ 26
 Material (male): Brass
 Material (female): Phosphor bronze
 Finish: Selective Gold or Nickel
 Packaging : Reel

FEATURES

Size 9 to 50 poles
 Suitable for discret wires AWG 24 ~ 26
 Packaging tray



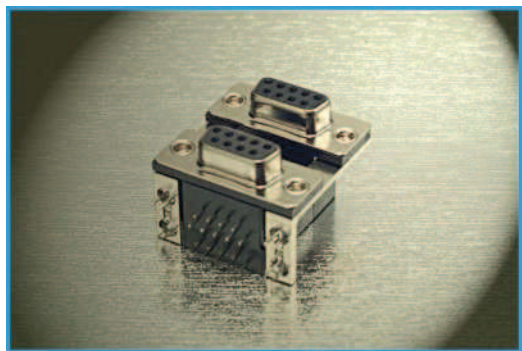
Poles	P/N Male	P/N Female	A (M/ F)	B (mm)	C (mm)	D(mm)
9	843009P60	843009S60	16.30 / 16.92	25.00	30.80	19.20
15	843015P60	843015S60	24.60 / 25.25	33.30	39.20	27.70
25	843025P60	843025S60	38.30 / 38.96	47.10	53.10	41.10
37	843037P60	843037S60	54.80 / 55.42	63.50	69.40	57.30
50	843050P60	843050S60	52.20 / 52.81	61.00	67.00	55.10



Type	Part. No	Material	Finish	Q.ty
Male	84P690	Brass	Au sel.	10000pcs/reel
Female	84S690	Phosphor bronze	Au sel.	10000pcs/reel

I/O CONNECTORS

D-Sub connectors - D-Sub Dual Port



SPECIFICATIONS

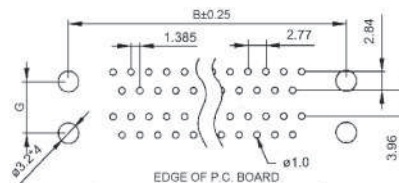
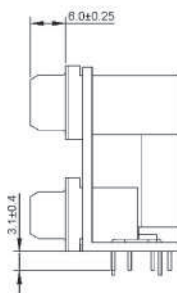
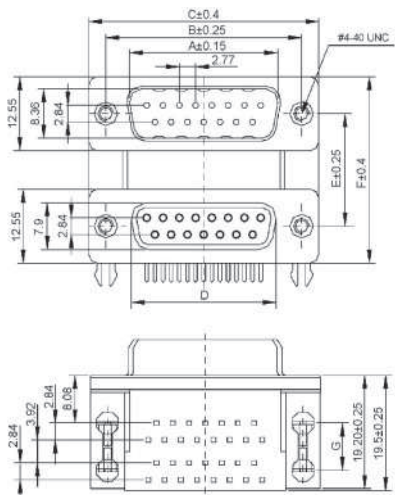
Current Rating: 5 A
 Insulation Resistance: 1000 MΩ min,
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIAL

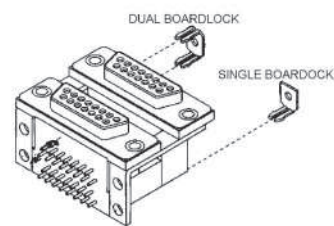
Insulator: G.F. PBT, UL94V-0
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Steel tin plated

FEATURES

Size 9 to 37 poles
 Suitable for 1,57mm thick PCB
 Packaging tray



Recommended PCB Layout



Port Spacing	M/M	M/F	F/M	F/F	E (mm)	F (mm)	G (mm)
15,88	8430xxA906*SA	8430xxB906*SA	8430xxC906*SA	8430xxD906*SA	15,88	28,40	6,90
15,88	8430xxA907*SA	8430xxB907*SA	8430xxC907*SA	8430xxD907*SA	15,88	28,40	7,90
19,05	8430xxA906*SB	8430xxB906*SB	8430xxC906*SB	8430xxD906*SB	19,05	31,60	6,90
19,05	8430xxA907*SB	8430xxB907*SB	8430xxC907*SB	8430xxD907*SB	19,05	31,60	7,90
22,86	8430xxA906*SC	8430xxB906*SC	8430xxC906*SC	8430xxD906*SC	22,86	35,40	6,90
22,86	8430xxA907*SC	8430xxB907*SC	8430xxC907*CB	8430xxD907*SC	22,86	35,40	7,90

xx=contact nr.

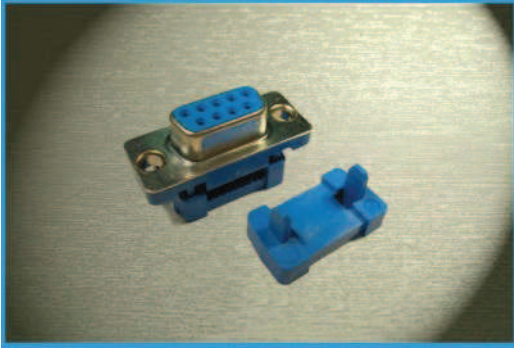
01=09/HD15	03=09,25	06=25,09+09	08=15/RCA*3	15=15,15	37=37,37
02=25/09	04=15,25	07=25/09+HD15	09=09,09	25=25,25	50=50,50

*=Process opt.

A=Dual Boardlock B=L-Shape C=Single Boardlock

	A (mm)	B (mm)	C (mm)	D (mm)
09 poles	16,92	25,00	33,80	16,30
15 poles	25,25	33,30	33,20	24,60
25 poles	38,96	47,10	53,10	38,30
37 poles	55,42	63,50	69,40	54,80

D-Sub connectors - D-Sub IDC connectors



SPECIFICATIONS

Current Rating: 1 A

Withstanding Voltage: 1000V AC/minute

Contact Resistance: 20 mΩ max.

Insulation Resistance: 1000 MΩ min.

Temperature Range: -55°C ~ +125°C

MATERIALS

Insulator: G.F. PBT, UL 94V-0

Shell: Steel, Tin plated

Contact: Copper alloy

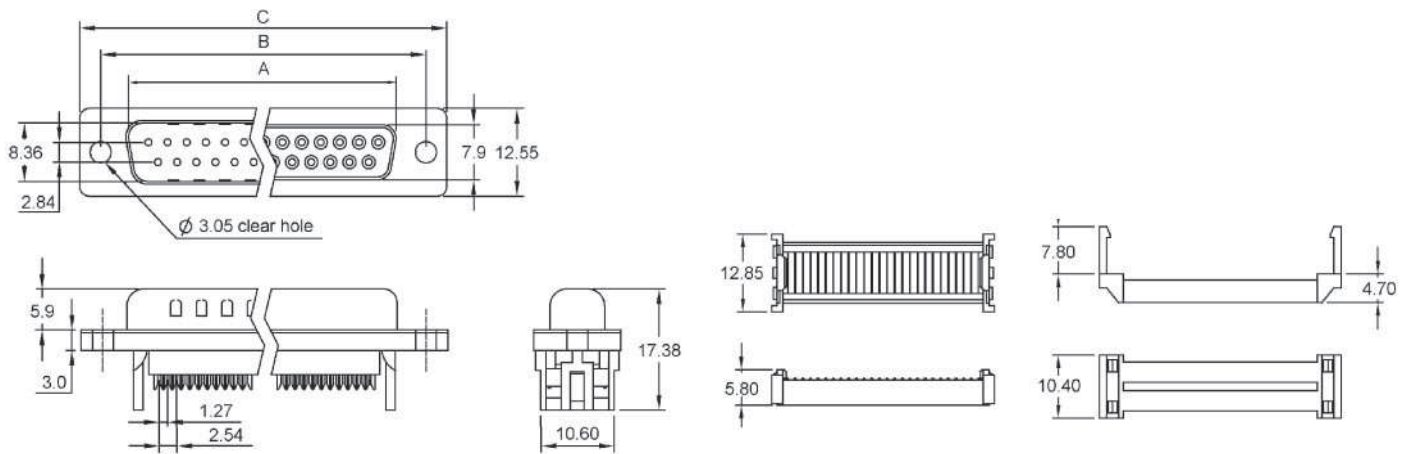
Plating: Plating

FEATURES

Size 9 to 50 poles

Suitable for 1.27 mm ribbon cable, AWG 28

Packaging tray

[illegible]

For Thread rivet 4/40 UNC option, please indicate the Part.No. without "-B"

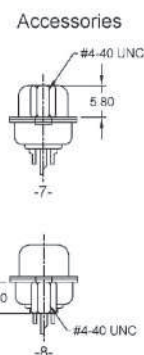
D-Sub connectors - High density D-Sub hand solder



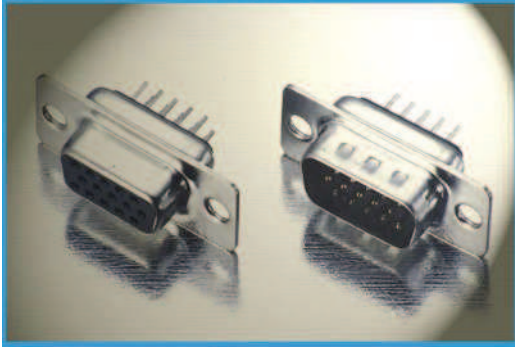
MATERIALS

FEATURES

Technical drawing of a 19-pin D-sub connector. The top view shows a rectangular connector with a central notch. Dimensions include overall width C, mounting hole spacing B, pin row spacing A, pin pitch E, and mounting hole diameter 8.36. The bottom view shows the connector's profile with dimensions 5.90, 4.10, and overall height 12.55. A callout indicates a Ø3.05 clear hole.



*=Select the requested accessories .



SPECIFICATIONS

Current Rating: 3 A

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT UL94V-0

Contact: Copper alloy

Plating: Selective gold over nickel

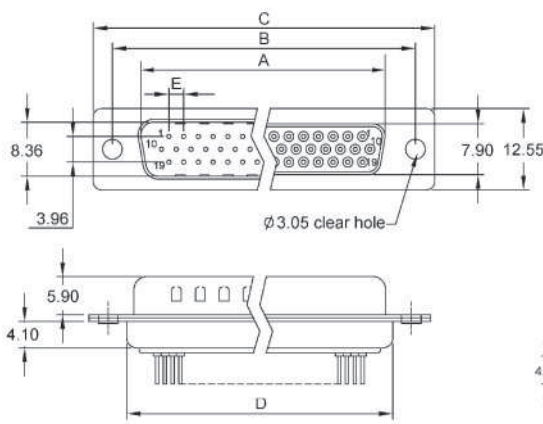
Shell: Steel tin plated

FEATURES

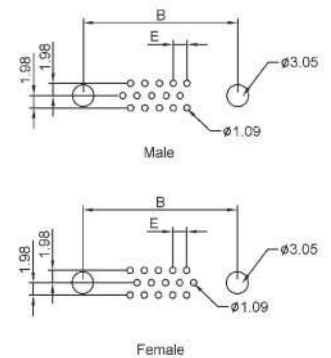
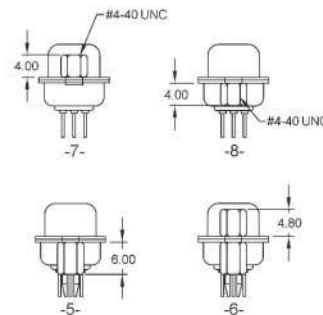
Size 15 to 78 poles

Suitable for 1.57mm thick PCB

Packaging tray



Accessories



Recommended PCB Layout

[illegible]

*=Select the requested accessories .

D-Sub connectors - High density D-Sub PCB THT 90°

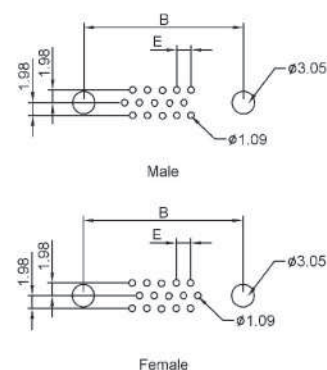
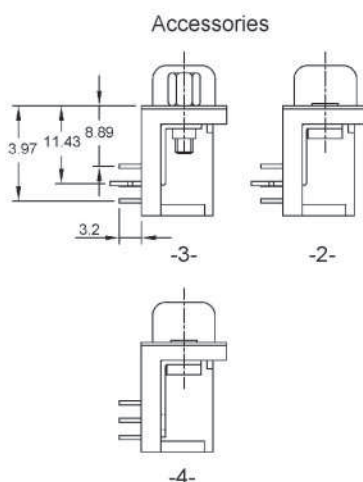


Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1000V AC/minute
Temperature Range: -55°C ~ +105°C
Contact Resistance: 20 mΩ max.

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy
Plating: Selective Gold over Nickel
Shell: Steel Tin plated

Size 15 to 78 poles
Suitable for 1.57mm thick PCB
Packaging tray



Recommended PCB Layout

*=Select the requested accessories .



SPECIFICATIONS

Current Rating: 3A
 Insulation Resistance: 1000 MΩ min,
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 20 mΩ max.

HOUSING

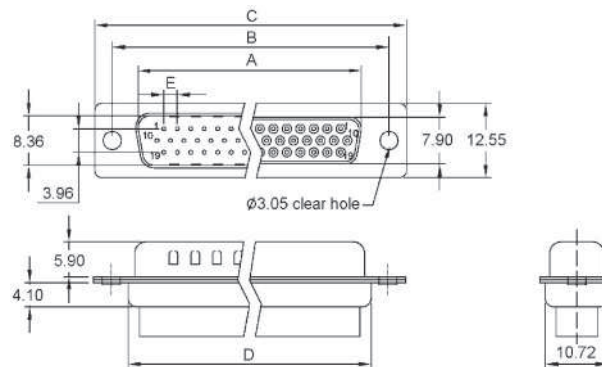
Insulator: G.F. PBT, UL94V-0
 Shell: Steel tin plated

TERMINAL

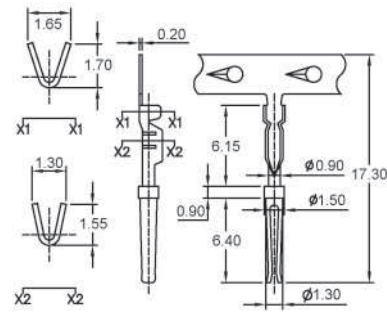
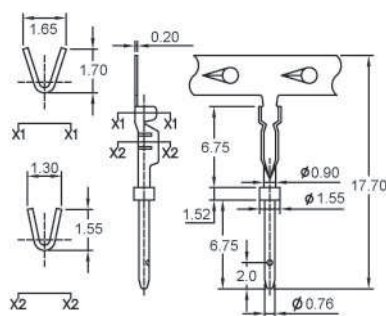
Applicable wires: AWG 26 ~ 30
 Material (male): Brass
 Material (female): Phosphor bronze
 Finish: Selective gold or nickel
 Q.ty: 10000 pcs/reel

FEATURES

Size 15 to 78 poles
 Suitable for discret wires AWG 26 ~ 30
 Packaging tray



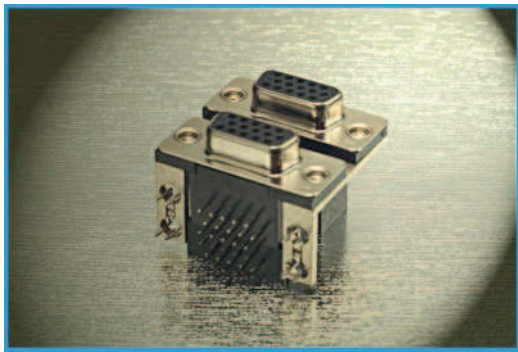
Poles	P/N Male	P/N Female	A (M/F)	B (mm)	C (mm)	D(mm)	E (mm)
15	893015P60	893015S60	16.92 / 16.30	25.00	30.80	19.20	2.29
26	893026P60	893026S60	25.25 / 24.60	33.30	39.20	27.70	2.29
44	893044P60	893044S60	38.96 / 38.30	47.10	53.10	41.10	2.29
62	893062P60	893062S60	55.42 / 54.60	63.50	69.40	57.30	2.29
78	893078P60	893078S60	52.81 / 52.20	61.00	67.00	55.10	2.41



Type	Part. No.	Q.ty
Male	89P690	10000 pcs/reel
Female	89S690	10000 pcs/reel

I/O CONNECTORS

D-Sub connectors - High density D-Sub Dual Port



SPECIFICATIONS

Current Rating: 3 A

Insulation Resistance: 1000 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: G.F. PBT, UL94V-0

Contact: Copper alloy

Plating: Selective Gold over Nickel

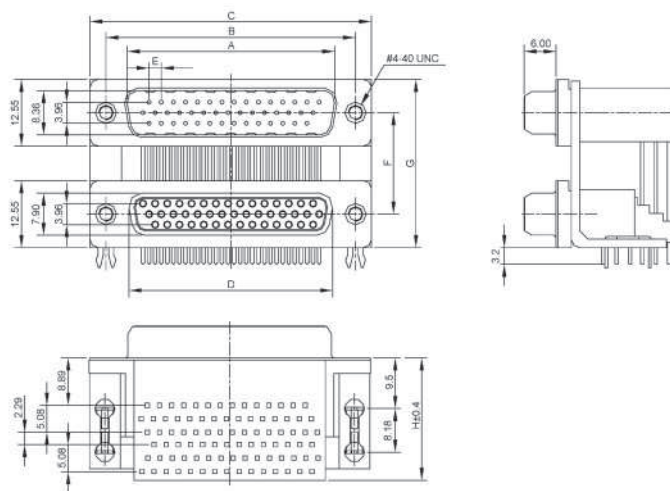
Shell: Steel tin plated

FEATURES

Size 15 to 62 poles

Suitable for 1.57mm thick PCB

Packaging tray



Port Spacing	M/M	M/F	F/M	F/F	F (mm)	G (mm)	H (mm)
15,88	8930xxA907ASA	8930xxB907ASA	8930xxC907ASA	8930xxD907ASA	15,88	28,40	22,70
19,05	8930xxA907ASB	8930xxB907ASB	8930xxC907ASB	8930xxD907ASB	19,05	31,60	23,00
22,86	8930xxA907ASC	8930xxB907ASC	8930xxC907ASC	8930xxD907ASC	22,86	35,40	23,00

xx=contact nr.

15=15/15 44=44/44

26=26/26 62=62/62

	A (mm) M/F	B (mm)	C (mm)	E (mm)
15 p	16,92/16,33	25,00	30,80	2,29
26 p	25,50/24,66	33,30	33,15	2,29
44 p	38,96/38,38	47,05	53,05	2,29
62 p	55,42/54,84	63,50	96,30	2,41



HOOD

Body (plastic): ABS, UL94V-HB

Colour: Grey or metalized

Screw/Nuts: Steel, Nickel plated

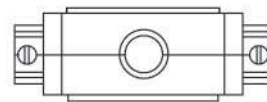
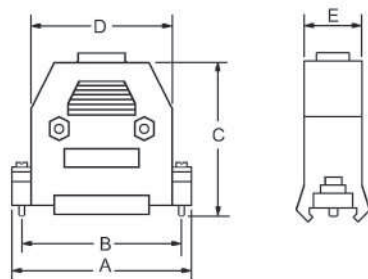
Body (metal): Zinc alloy, Nickel plated

FEATURES

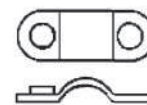
Accept Std D-Sub or High density type

Low cost and easy to use

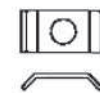
Packaging bag



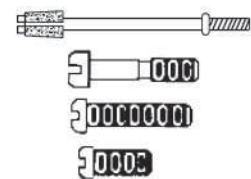
RETAINING CLIP



SADDLE WASHER



SHOULDER SCREW

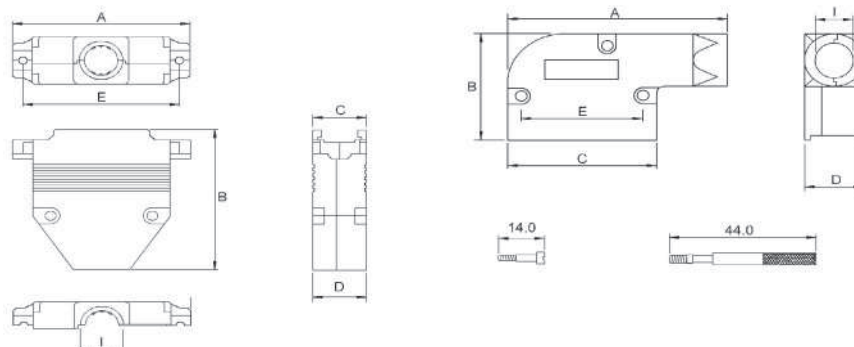


HEX-NUT



Poles	P/N Long screw	P/N Short Screw	A (mm)	B (mm)	C (mm)	D(mm)
9	8490609*	8490509*	31,00	25,00	35,50	16,00
15	8490615*	8490515*	33,00	33,30	39,50	18,00
25	8490625*	8490525*	53,20	47,00	42,00	18,50
37	8490637*	8490537*	72,00	63,50	50,00	20,50

* For cromate finish add. *C" TO the Part. No.



Poles	P/N Short screw	P/N Long screw	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Straight							
09	8490509M*	8490639M*	31,00	47,00	15,60	15,80	25,00
15	8490515M*	8490615M*	40,00	48,00	15,80	15,80	33,30
25	8490525M*	8490625M*	53,50	48,00	16,00	16,00	47,00
37	8490537M*	8490637M*	63,20	48,60	16,00	20,80	63,50
50	8490550M*	8490650M*	67,00	48,40	19,00	24,00	61,00
Right angle							
09	8491009M*		47,00	33,00	31,50	16,00	25,00
15	8491015M*		53,00	33,00	39,50	16,00	33,30
25	8491025M*		72,50	33,00	53,50	16,00	47,00

*Select the requested cable diameter "I" from 6.0 to 18.0 mm.

I/O CONNECTORS

D-Sub connectors - D-Sub accessories



SCREW KIT

Base: Steel

Plating: Nickel plated

DUST COVER

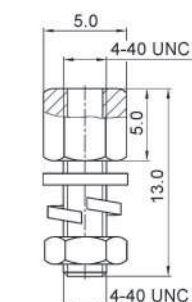
Base: PE

Colour : Transparent

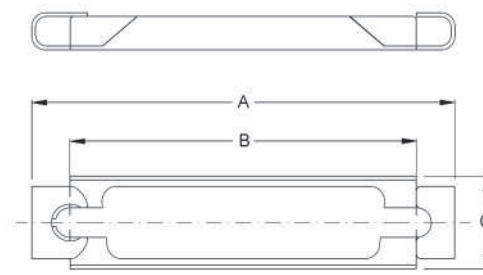
FEATURES

Accept Std D-Sub or High density type

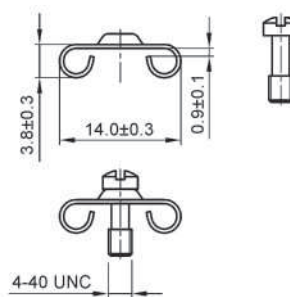
Packaging bag



SCREW KIT
1Kit=2 bolts, 4washers,
2 spring washer, 2 nuts.

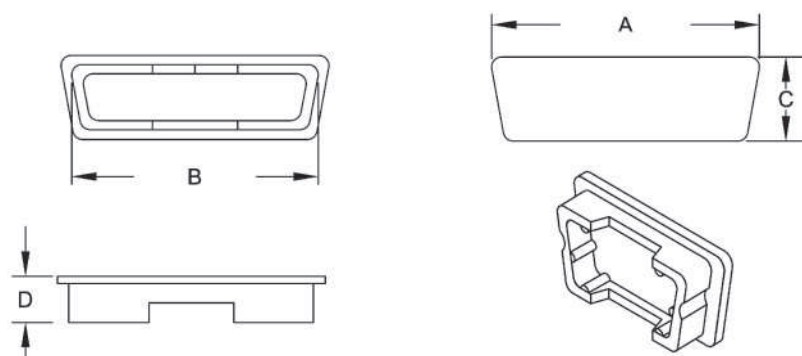


SLIDE LOCK KIT
1Kit=1 slide, 2 screws,
2 spring washers, 2 nuts.

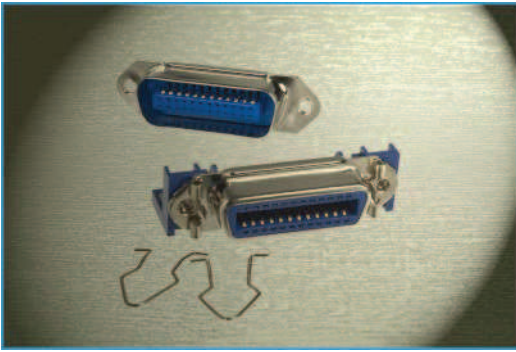


CLAMP KIT
1Kit=2 clames,
2 screws.

Type	Poles	Part. No.	A (mm)	B (mm)	C (mm)
Screw Kit	A	84916	--	--	--
Clamp Kit	A	84917	--	--	--
Slide lock kit	09	8490809	35,00	25,00	12,70
	15	8490815	43,70	33,30	12,70
	25	8490825	57,40	47,00	12,70
	37	8490837	73,90	63,50	12,70
	50	8490850	71,50	61,10	15,50



Poles	P/N Male	P/N Female	A (M/F)	B (M/F)	C (M/F)	D (mm)
09	8490809P	8490809S	24,40/22,30	21,10/19,60	14,50/13,00	6,50
15	8490815P	8490815S	32,60/29,80	29,90/28,00	14,50/13,00	6,50
25	8490825P	8490825S	46,00/45,30	43,15/41,50	14,50/13,00	6,50
37	8490837P	8490837S	62,50/61,20	59,70/58,35	14,50/13,00	6,50
50	8490850P	8490850S	57,20/54,50	57,20/54,30	14,00/13,60	8,30



SPECIFICATIONS

Current Rating: 1 A

Insulation Resistance: 1000 MΩ min,

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 25 mΩ max,

FEATURES

Size 36 poles

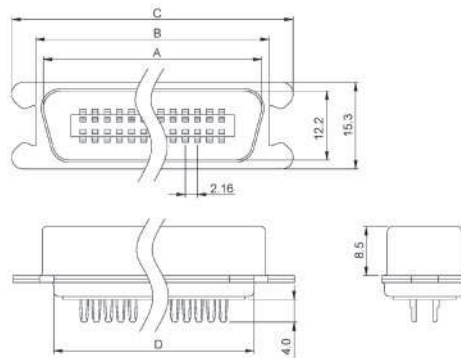
Packaging tray

MATERIAL

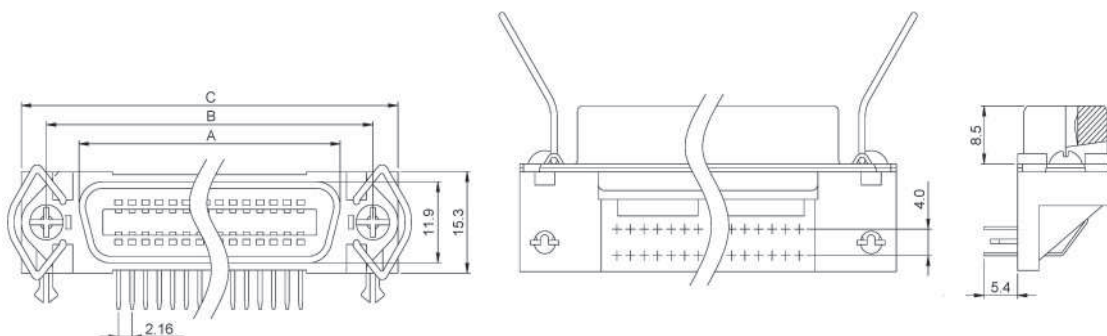
Insulator: G.F. PBT UL94V-0

Contact: Copper alloy

Shell: Steel nickel plated



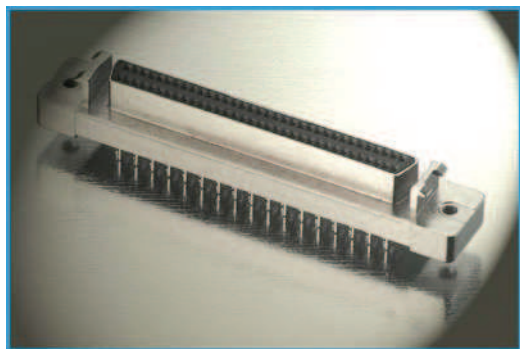
Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
36	893436P30M	49.30	53.50	62.00	45.80



Poles	Part. No.	A (mm)	B (mm)	C (mm)
36	893436S90S3S	48.90	53.70	67.70

I/O CONNECTORS

SCSI/Centronic connectors - SCSI-II D-Sub sockets THT



SPECIFICATIONS

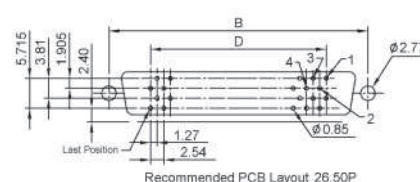
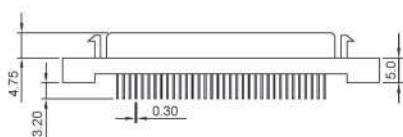
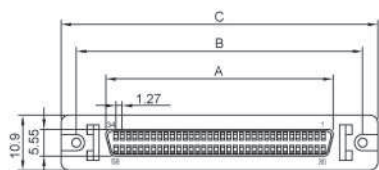
Current Rating: 1 A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 250V AC
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 35 mΩ max.

MATERIALS

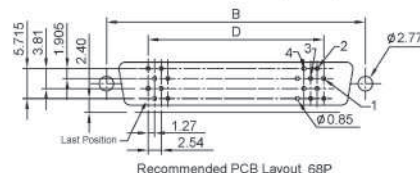
Insulator: G.F. PBT, UL94V-0. Thermoplastic polyester
 Contact: Copper alloy
 Plating: Selective Gold over Nickel
 Shell: Zinc alloy, Nickel plated

FEATURES

Size 26, 50, 68 poles
 Suitable for 1.57mm thick PCB
 Conforming to SCSI requirements
 Packaging tray

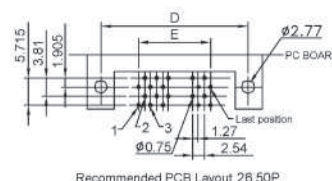
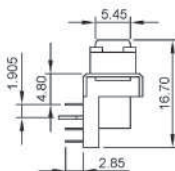
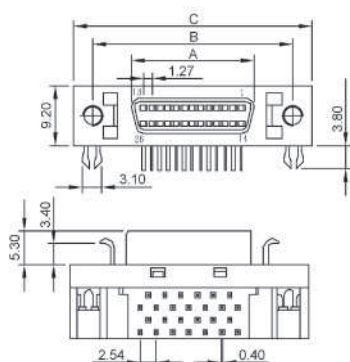


Recommended PCB Layout 26,50P

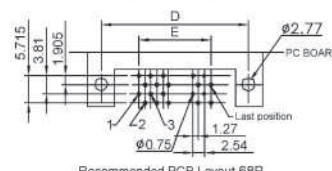


Recommended PCB Layout 68P

Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
26	803026S20	19.50	31.20	37.20	15.24
50	803050S20	34.70	48.80	52.60	21.59
68	803068S20	46.00	57.90	64.00	41.91

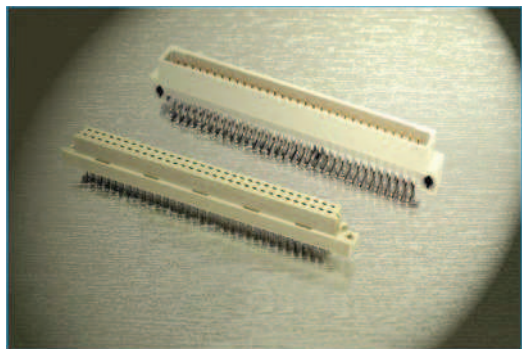


Recommended PCB Layout 26,50P



Recommended PCB Layout 68P

Poles	Part. No.	A (mm)	B (mm)	C (mm)
26	803026S90	19.45	31.26	37.19
50	803050S90	34.70	48.5	52.43
68	803068S90	46.13	57.93	63.86

**SPECIFICATIONS**

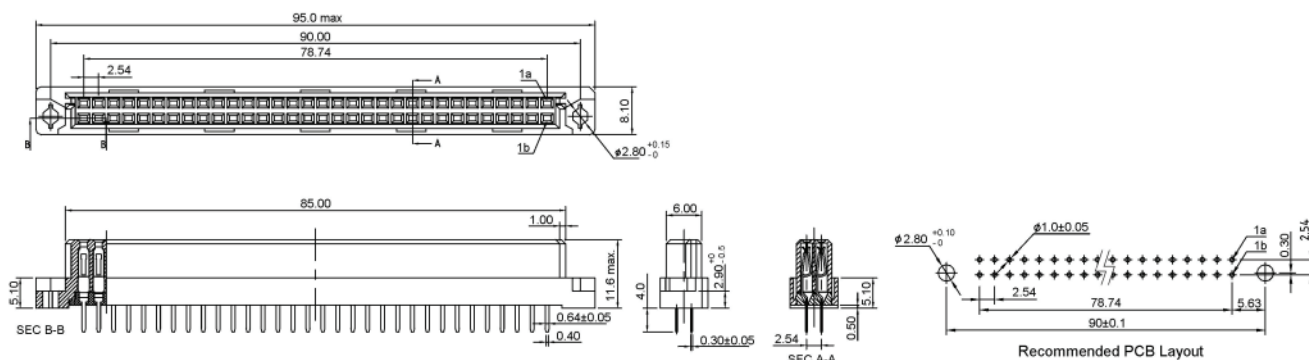
Current Rating: 3A
 Insulation Resistance: 1000 MΩ min.
 Voltage Rating: 300V AC
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 mΩ max.

MATERIALS

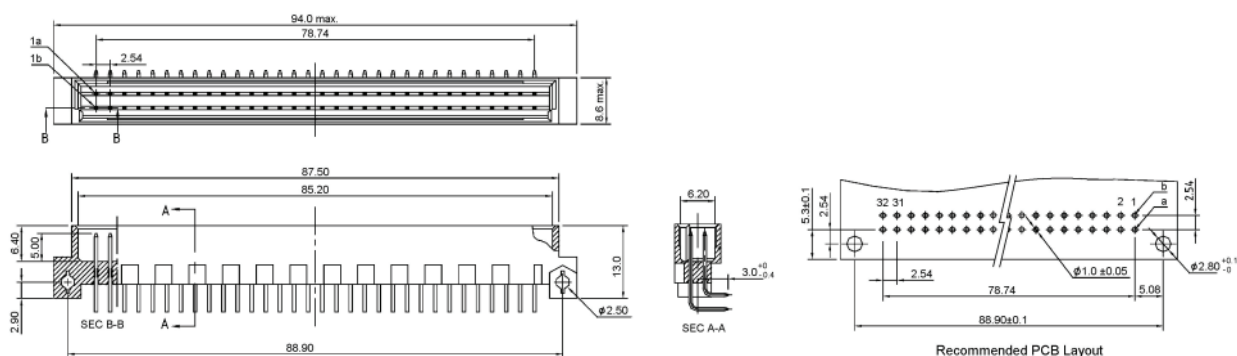
Insulator: PBT, UL 94 V-0
 Contact (plug): Copper alloy
 Contact (socket): Phosphor bronze
 Plating: Selective Gold over Nickel

FEATURES

Size 32 to 96 poles
 Suitable for 1.57mm thick PCB
 Conforming to DIN 41612 Industry standard
 Packaging tray



Poles	Part. No.	Rows	Pitch
64	851102642	a+b	2.54 mm
32	851100332	a	2.54 mm
32	854102322	a+b	5.08 mm
16	854100162	a	5.08 mm

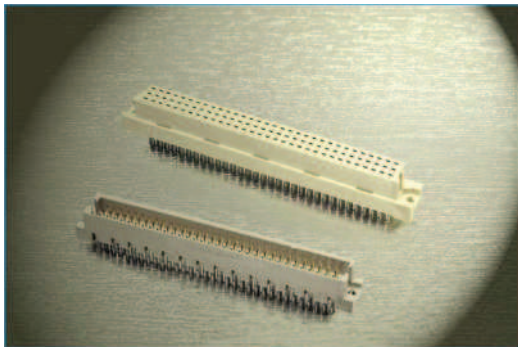


Poles	Part. No.	Rows	Pitch
64	851112649	a+b	2.54
32	851110329	a	2.54
32	854112329	a+b	5.08
16	854110169	a	5.08

BACKPLANE CONNECTORS

DIN 41612-Two parts connectors - type C male/female THT 90/180°

E



SPECIFICATIONS

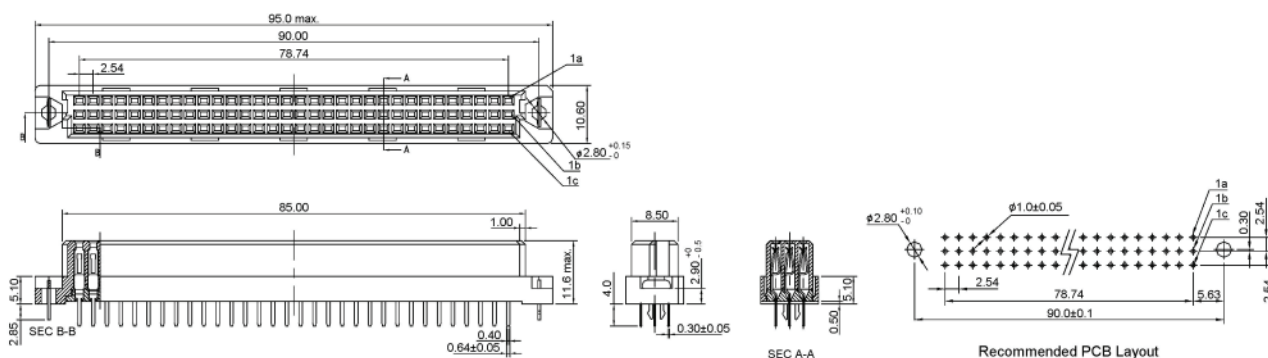
Current Rating: 3 A
 Insulation Resistance: 1000 M Ω min.
 Voltage Rating: 300V AC
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -55°C ~ +125°C
 Contact Resistance: 20 m Ω max.

MATERIALS

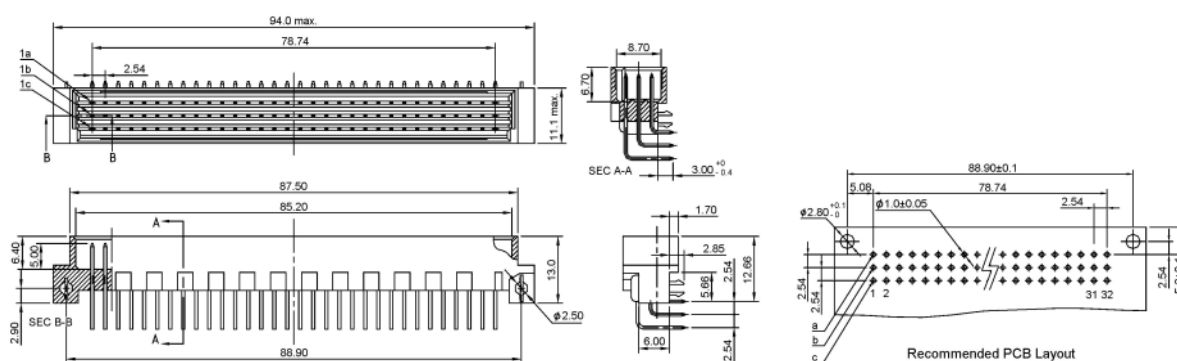
Insulator: PBT, UL 94 V-0
 Contact (plug): Copper alloy
 Contact (socket): Phosphor bronze
 Plating: Selective Gold over Nickel

FEATURES

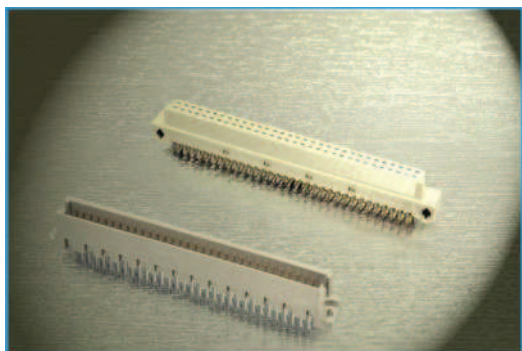
Size 32 to 96 poles
 Suitable for 1.57mm thick PCB
 Conforming to DIN 41612 Industry standard
 Packaging tray



Poles	Part. No.	Rows	Pitch
96	851203962	a+c+b	2.54 mm
64A	851204642	a+c	2.54 mm
64B	851202642	a+b	2.54 mm
32	851200322	a	2.54 mm
48	854203482	a+c+b	5.08 mm
32	854204322	a+c	5.08 mm



Poles	Part. No.	Rows	Pitch
96	851213969	a+b-c	2.54 mm
64A	851214649	a+c	2.54 mm
64B	851212649	a+b	2.54 mm
32	851210329	a	2.54 mm
48	851213489	a+b-c	5.08 mm
32	851214329	a+c	5.08 mm



SPECIFICATIONS

Current Rating: 3 A

Insulation Resistance: 1000 MΩ min.

Voltage Rating: 300V AC

Withstanding Voltage: 1000V AC/minute

Temperature Range: -55°C ~ +125°C

Contact Resistance: 20 mΩ max.

MATERIALS

Insulator: PBT, UL 94 V-0

Contact (plug): Copper alloy

Contact (socket): Phosphor bronze

Plating: Selective Gold over Nickel

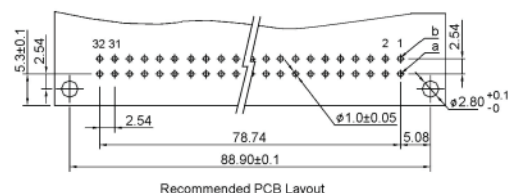
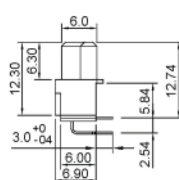
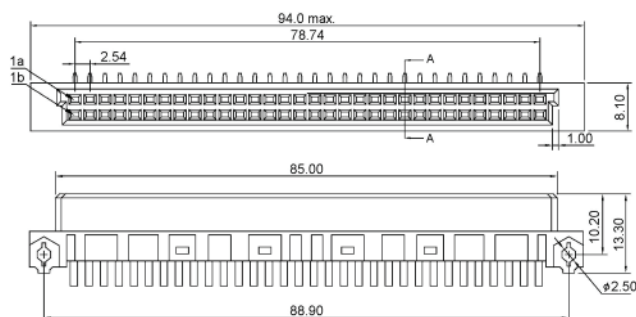
FEATURES

Size 32 to 96 poles

Suitable for 1.57mm thick PCB

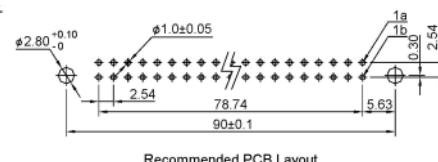
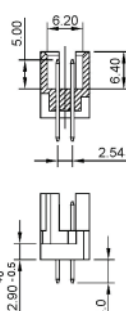
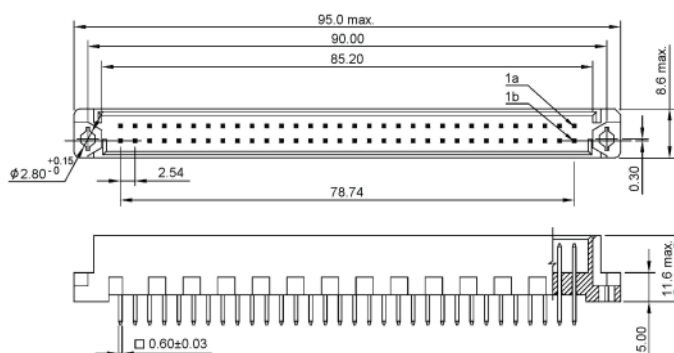
Conforming to DIN 41612 Industry standard

Packaging tray



Recommended PCB Layout

Poles	Part. No.	Rows	Pitch
64	851Q02649	a+b	2.54 mm
32	851Q00329	a	2.54 mm
32	854Q02329	a+b	5.08 mm
16	854Q00169	a	5.08 mm

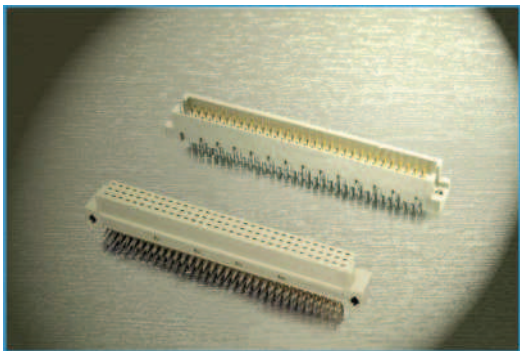


Recommended PCB Layout

Poles	Part. No.	Rows	Pitch
64	851Q'2642	a+b	2.54 mm
32	851Q'0322	a	2.54 mm
32	851Q'2322	a+b	5.08 mm
16	851Q'0162	a	5.08 mm

DIN 41612-Two parts connectors - type R male/female THT 90°/180°

E



Current Rating: 3A

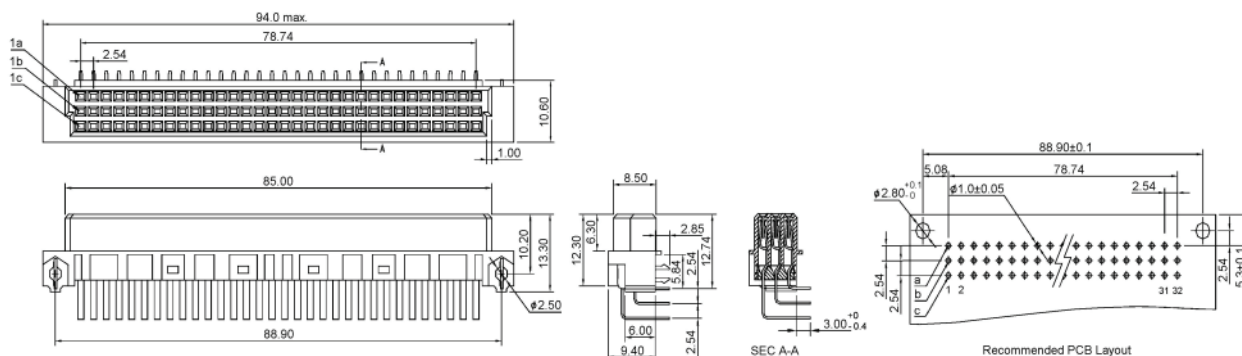
Insulation Resistance: 1000 MΩ min.
Voltage Rating: 300V AC
Withstanding Voltage: 1000V AC/minute
Temperature Range: -55°C ~ +125°C
Contact Resistance: 20 mΩ max.

Insulator: PBT, UL 94 V-0

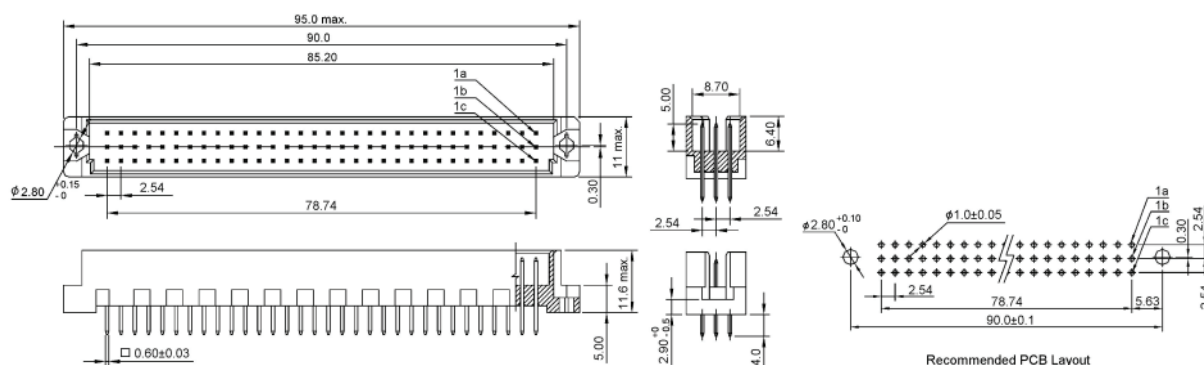
Contact (plug): Copper alloy
Contact (socket): Phosphor bronze
Plating: Selective Gold over Nickel

Size 32 to 96 poles

Suitable for 1.57mm thick PCB
Conforming to DIN 41612 Industry standard
Packaging tray



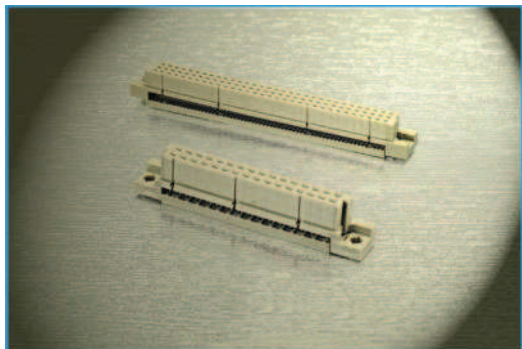
Poles	Part. No.	Rows	Pitch
36	851R03969	a+b-c	2,54 mm
64A	851R04649	a+c	2,54 mm
64B	851R02649	a+b	2,54 mm
32	851R00329	a	2,54 mm
48	854R03489	a+b-c	5,08 mm
32	854R04329	a+c	5,08 mm



Poles	Part. No.	Rows	Pitch
96	851R13962	a+b-c	2,54 mm
64A	851R14642	a+c	2,54 mm
64B	851R12642	a+b	2,54 mm
32	851R10322	a	2,54 mm
48	851R13482	a+b-c	5,08 mm
32	851R14322	a+c	5,08 mm

BACKPLANE CONNECTORS

DIN 41612-Two parts connectors - IDC socket



SPECIFICATIONS

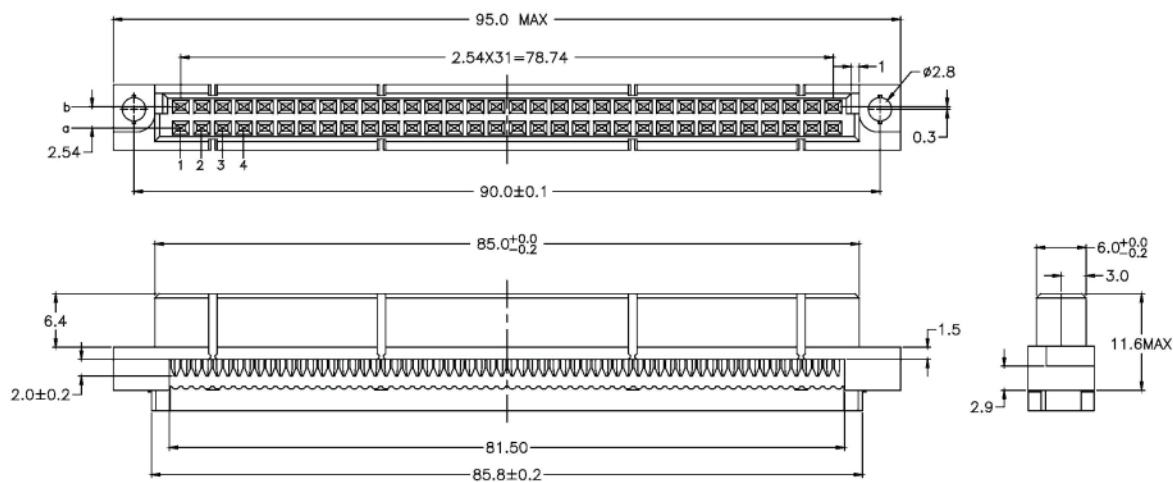
Current Rating: 2A
Insulation Resistance: 1000 MΩ min.
Voltage Rating: 300V
Temperature Range: -55°C ~ +105°C
Contact Resistance: 30 mΩ max.
Withstanding Voltage: 1000V AC/minute

MATERIALS

Insulator: G.F. PBT UL94V-0
Contact: Phosphor bronze
Plating: Selective gold over Nickel

FEATURES

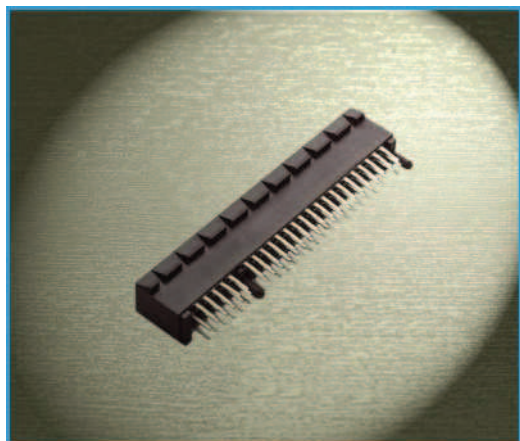
Suitable for 1.27 mm ribbon cable
Packaging tray

[illegible]

BACKPLANE CONNECTORS

Card Edge connectors - p.1.0 mm PCI Express Card edge

E



SPECIFICATIONS

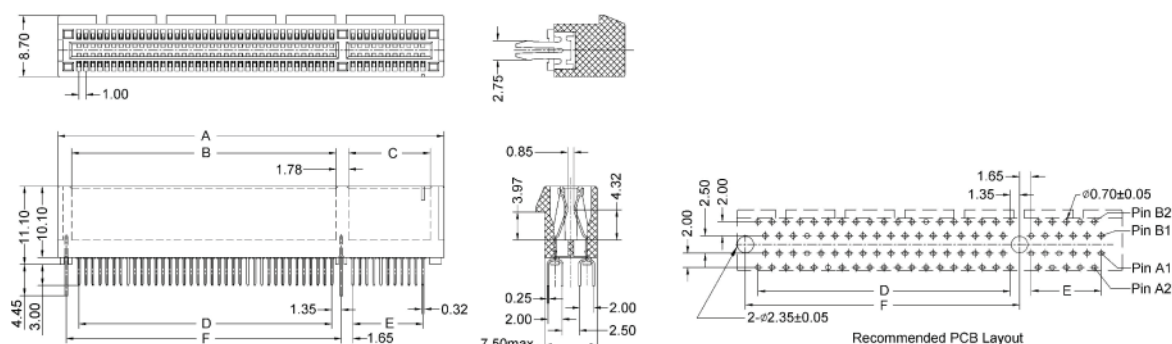
Current Rating: 1A AC,DC
Voltage Rating: 50 V AC,DC
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 500V AC/minute
Temperature Range: -55°C ~ +105°C
Contact Resistance: 30 mΩ max.

FEATURES

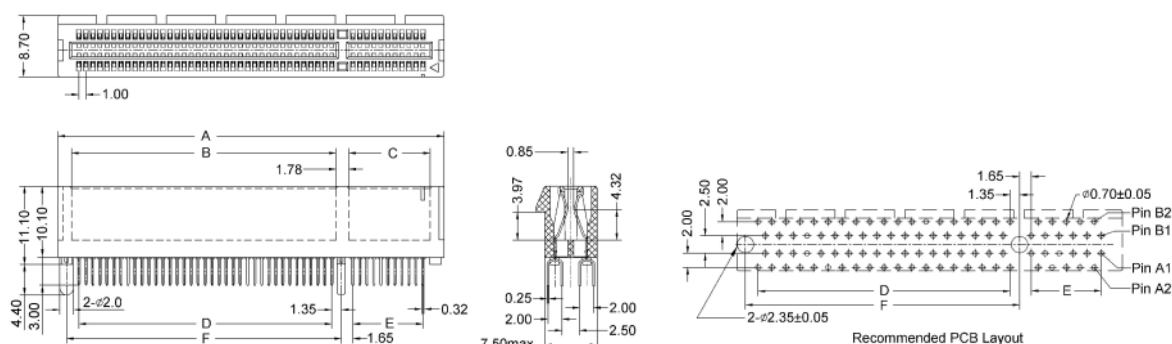
Size 36 to 230 poles
High Temper, Thermoplastic housing
Support all Express module cards
Suitable for 1,57 mm thick. PCB
Packaging tray

MATERIAL

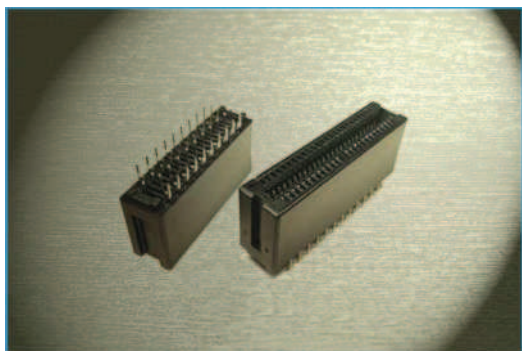
Insulator: Nylon 46, UL94V-0 black color
Contact: Copper alloy
Plating: Selective Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
36	5041218291-MPE	25.00	7.65	11.65	6.00	10.00	9.15
64	5041232291-MPE	39.00	21.65	11.65	20.00	10.00	23.15
38	5041249291-MPE	56.00	38.65	11.65	37.00	10.00	40.15
164	5041282291-MPE	89.00	71.65	11.65	70.00	10.00	73.15



Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
36	5041218291-PPE	25.00	7.65	11.65	6.00	10.00	9.15
64	5041232291-PPE	39.00	21.65	11.65	20.00	10.00	23.15
38	5041249291-PPE	56.00	38.65	11.65	37.00	10.00	40.15
164	5041282291-PPE	89.00	71.65	11.65	70.00	10.00	73.15
230	50412115291-PPE	122.00	104.65	11.65	103.00	10.00	106.15



SPECIFICATIONS

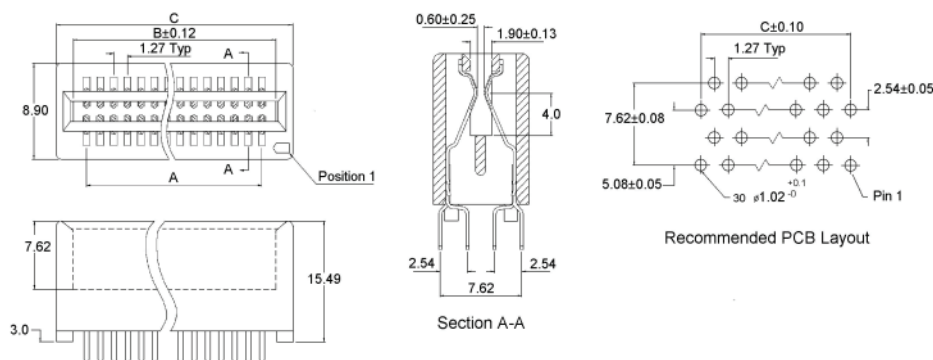
Current Rating: 1A AC,DC
 Voltage Rating: 125V AC,DC
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 30 mΩ max.

FEATURES

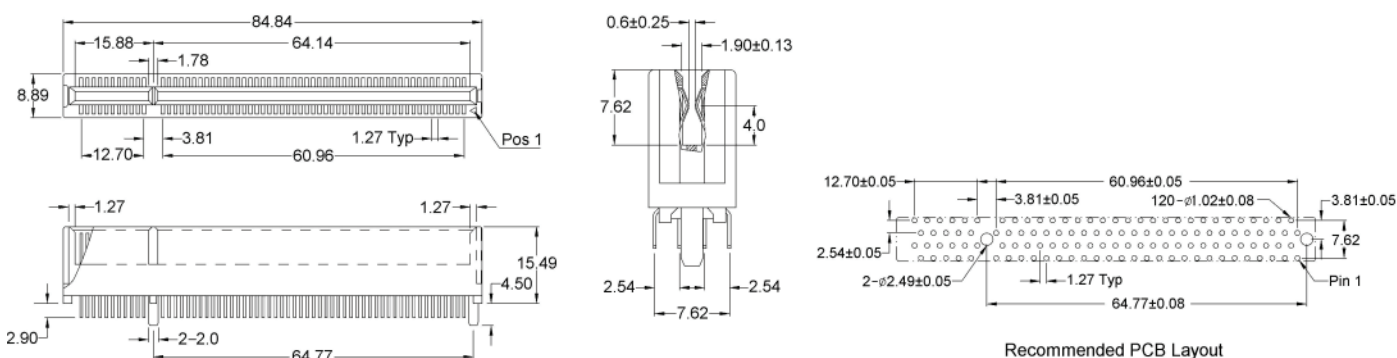
Size 10 to 120 poles
 Suitable for 1,57mm thick PCB
 Packaging tray

MATERIAL

Insulator: PPS, UL94V-0 black color
 Contact: Phosphor bronze
 Plating: Selective Gold over Nickel



Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
5+5	5041205291	5.08	7.82	10.80	60+60	5041260231	74.93	77.47	80.65
6+6	5041206291	6.35	8.89	12.07					
10+0	5041210291	11.43	13.97	17.15					
13+3	5041213291	15.24	17.78	20.96					
15+5	5041215291	17.78	20.32	23.50					
20+20	5041220291	24.13	26.67	29.85					
25+25	5041225291	30.48	33.02	36.20					
30+30	5041230291	36.83	39.37	42.55					
40+40	5041240291	49.53	52.07	55.25					
50+50	5041250291	62.23	64.77	67.95					



Poles	Part. No.	Poles	Part. No.
60+60	5041260291-PP		

BACKPLANE CONNECTORS

Card Edge connectors - Card Edge p.1,27 mm SMT 180°/Edge mount

E



SPECIFICATIONS

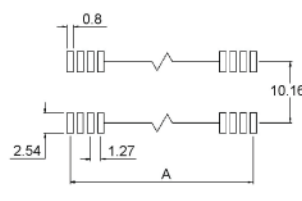
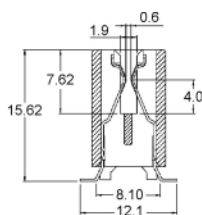
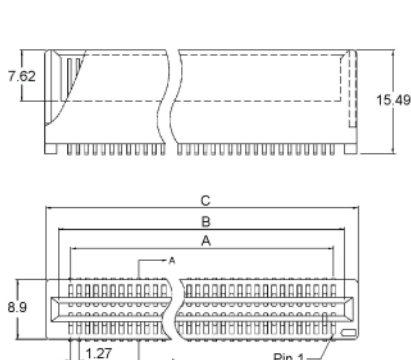
Current Rating: 1A AC,DC
Voltage Rating: 125V AC,DC
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 500V AC/minute
Temperature Range: -55°C ~ +105°C
Contact Resistance: 30 mΩ max.

MATERIAL

Insulator: PPS, UL94V-0 black color
Contact: Phosphor bronze
Plating: Selective gold over nickel

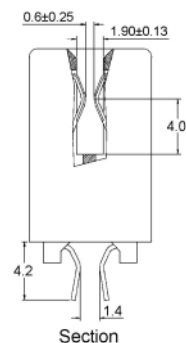
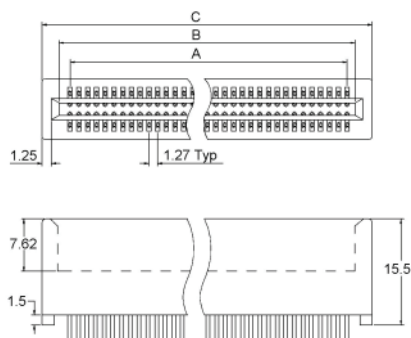
FEATURES

Size 10 to 120 poles
Suitable for 1,57mm thick PCB
Packaging tray

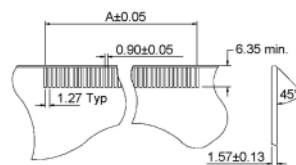


Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
5+5	5041205C91	5.08	7.82	10.80	60+60	5041260031	74.93	77.47	80.65
6+6	5041206C91	6.35	8.89	12.07					
10+10	5041210C91	11.43	13.97	17.15					
13+13	5041213C91	15.24	17.78	20.96					
15+15	5041215C91	17.78	20.32	23.50					
20+20	5041220C91	24.13	26.67	29.85					
25+25	5041225C91	30.48	33.02	36.20					
30+30	5041230C91	36.83	39.37	42.55					
40+40	5041240C91	49.53	52.07	55.25					
50+50	5041250C91	62.23	64.77	67.95					



Section



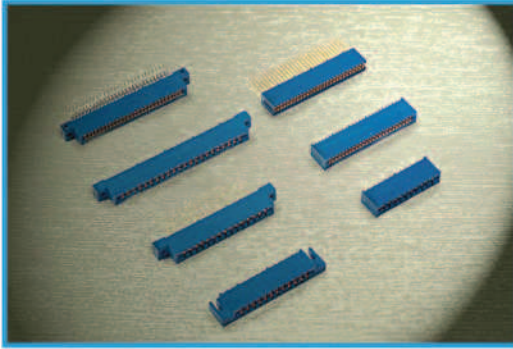
Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)	Poles	Part. No.	A (mm)	B (mm)	C (mm)
5+5	5041205C91	5.08	7.82	10.80	60+60	5041260031	74.93	77.47	80.65
6+6	5041206C91	6.35	8.89	12.07					
10+10	5041210C91	11.43	13.97	17.15					
13+13	5041213C91	15.24	17.78	20.96					
15+15	5041215C91	17.78	20.32	23.50					
20+20	5041220C91	24.13	26.67	29.85					
25+25	5041225C91	30.48	33.02	36.20					
30+30	5041230C91	36.83	39.37	42.55					
40+40	5041240C91	49.53	52.07	55.25					
50+50	5041250C91	62.23	64.77	67.95					

BACKPLANE CONNECTORS

Card Edge connectors - P.C.B. thickness 1,6 mm

E

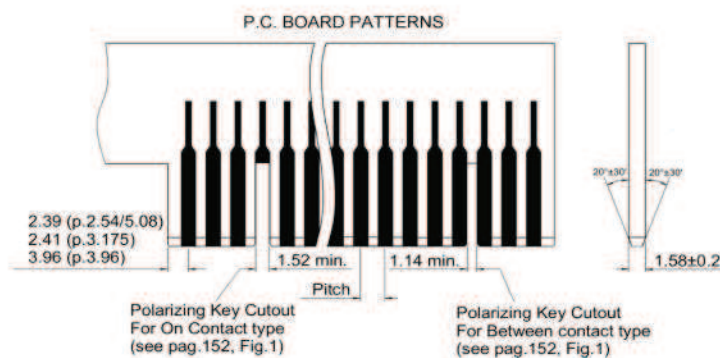


SPECIFICATIONS

Current Rating: 3A
 Voltage Rating: 250V AC
 Withstanding Voltage: 750V AC
 Insulation Resistance: 500 MΩ min.
 Contact Resistance: 12 mΩ max.
 Temperature Range: -55°C ~ +125°C
 Capacitance: ≤ 5 pf (adjacent contacts)
 Insertion force: according UTE specs.
 Extraction force: according to UTE specs.

MATERIAL

Insulator: G.F. PBT, UL94V-0, blue color
 Contact: Phosphor bronze
 Plating: Selective Gold over Nickel



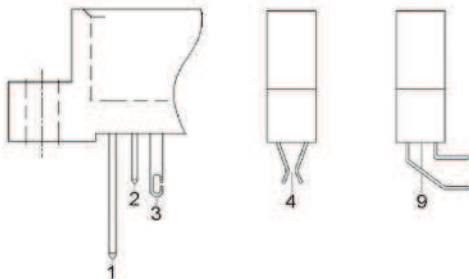
Available with a choice of 5 contact terminations: Mini Wire Wrap, Dip solder, Hand solder, Dip solder 90° and bended for extension.

Housing molded in prefilled self-extinguishing glass fiber, with contact positions numbered.

Bifurcated and preloaded spring contacts maintains an exact pressure on circuit paths, and the locking lance permits easy contact replacement. Gold over nickel plating assures a high corrosion strength.

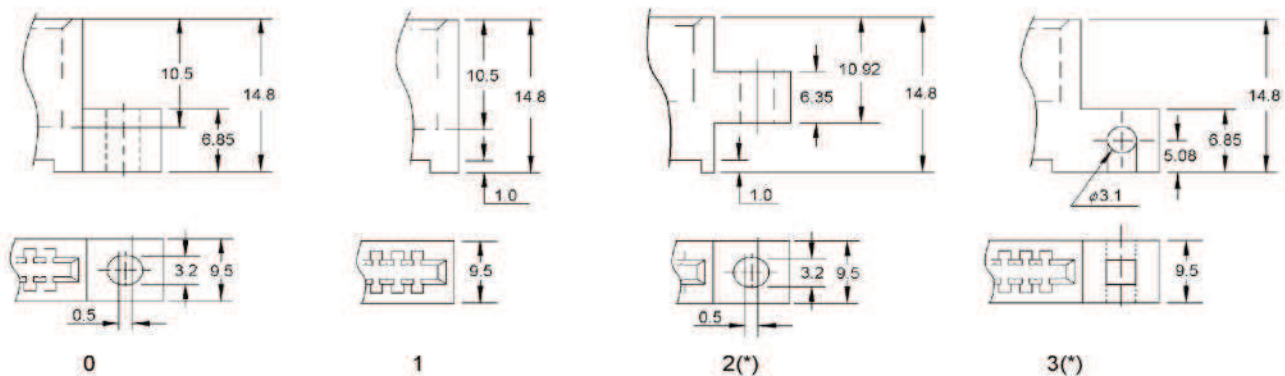
Possibility of inserting polarizing keys and gard guides without loss of contact.

Termination Options

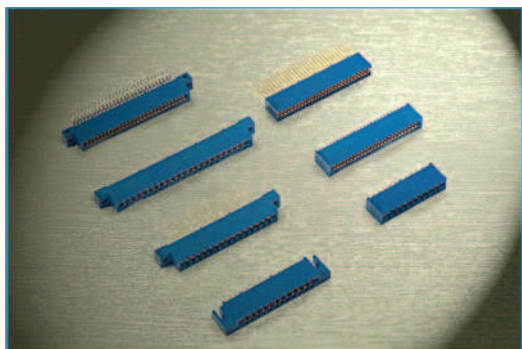


1=Mini Wire Wrap; 2=Dip Solder; 3=Hand Solder; 4=Bended to Extension; 9=Dip Solder 90°

Mounting Options



(*) Special version, please contact us.



SPECIFICATIONS

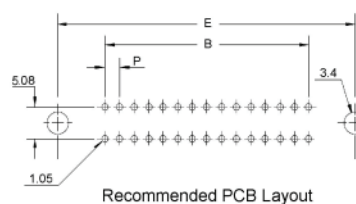
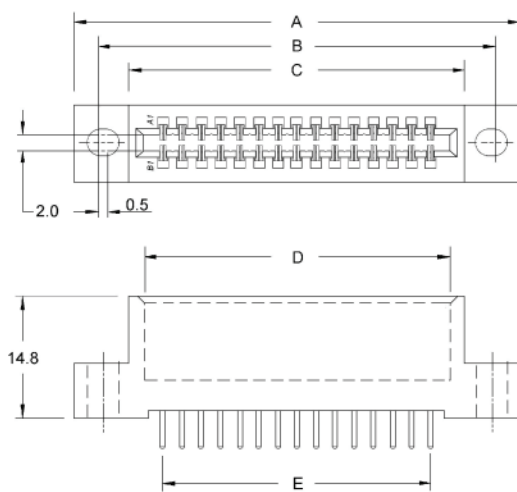
Current Rating: 3A
 Voltage Rating: 250V AC
 Withstanding Voltage: 750V AC
 Insulation Resistance: 500 MΩ min.
 Contact Resistance: 12 mΩ max.
 Temperature Range: -55°C ~ +125°C

FEATURES

Size 5 to 77 poles single row;
 10 to 154 poles double row.
 Suitable for 1.57mm thick PCB
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0, blue color
 Contact: Phosphor bronze
 Plating: Selective Gold over Nickel



Poles	P/N row A+B	P/N row A	P/N row B	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
5	5130205x9'	5130005x91	5130105x91	33.44	26.44	19.44	15.04	10.16
7	5130207x9'	5130007x91	5130107x91	38.52	31.52	24.22	20.12	15.24
9	5130209x9'	5130009x91	5130109x91	43.60	36.60	29.30	25.20	20.32
10	5130210x9'	5130010x91	5130110x91	46.14	39.14	31.84	27.74	22.86
13	5130213x9'	5130013x91	5130113x91	53.76	46.76	39.46	35.36	30.48
15	5130215x9'	5130015x91	5130115x91	58.84	51.84	44.54	40.44	35.56
18	5130218x9'	5130018x91	5130118x91	66.46	59.46	52.16	48.06	43.18
19	5130219x9'	5130019x91	5130119x91	69.00	62.00	54.70	50.60	45.72
20	5130220x9'	5130020x91	5130120x91	71.54	64.54	57.24	53.14	48.26
22	5130222x9'	5130022x91	5130122x91	76.62	69.62	62.32	58.22	53.34
23	5130223x9'	5130023x91	5130123x91	78.16	72.16	64.86	60.76	55.88
25	5130225x9'	5130025x91	5130125x91	84.24	77.24	69.94	65.84	60.96
28	5130228x9'	5130028x91	5130128x91	91.86	84.86	77.56	73.46	68.58
30	5130230x9'	5130030x91	5130130x91	96.94	89.94	82.64	78.58	73.66
31	5130231x9'	5130031x91	5130131x91	99.48	92.48	85.18	81.08	76.20
35	5130235x9'	5130035x91	5130135x91	109.64	102.64	95.34	91.24	86.36
36	5130236x9'	5130036x91	5130136x91	112.18	105.18	97.88	93.78	88.90
37	5130237x9'	5130037x91	5130137x91	114.72	107.72	100.42	96.32	91.44
40	5130240x9'	5130040x91	5130140x91	122.34	115.34	108.00	103.95	99.06
43	5130243x9'	5130043x91	5130143x91	129.96	122.96	115.66	111.56	106.68
49	5130249x9'	5130049x91	5130149x91	145.20	138.20	130.90	126.80	121.92
50	5130250x9'	5130050x91	5130150x91	147.74	140.74	133.44	129.34	124.46
64	5130264x9'	5130064x91	5130164x91	193.30	176.30	169.30	164.90	160.02
77	5130277x9'	5130077x91	5130177x91	216.32	209.32	202.02	197.92	193.04

x= Select the requested termination. § Optional version STD USA add-"U" to Part. No.

All the Part. No. are with std. Mounting ears (type 0). If you need another solution, change the fourth digit with the option as in the drawing.

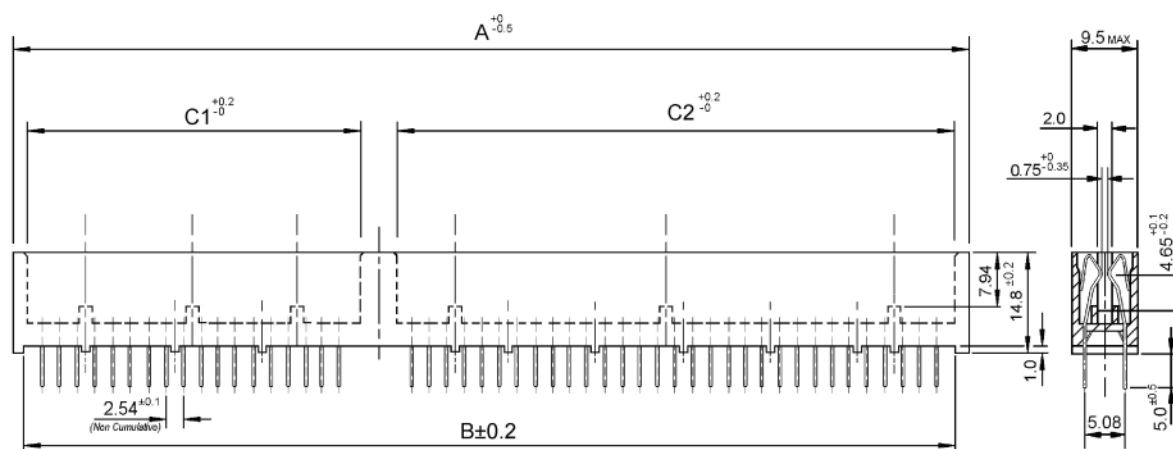
E

Three blue 100-pin D-sub connectors are shown, arranged diagonally on a light-colored surface. Each connector has two rows of pins, with the top row being longer than the bottom row. The connectors are made of a blue plastic housing.

Current Rating: 3A
Voltage Rating: 250V AC
Withstanding Voltage: 750V AC
Insulation Resistance: 500 MΩ min.
Contact Resistance: 12 mΩ max.
Temperature Range: -55°C ~ +125°C

Insulator: G.F. PBT, UL94V-0
Contact: Phosphor bronze
Plating: Selective Gold over Nickel

Sizes 36 to 98 poles
Suitable for 1.57mm thick PCB
Packaging tray

[illegible]

**SPECIFICATIONS**

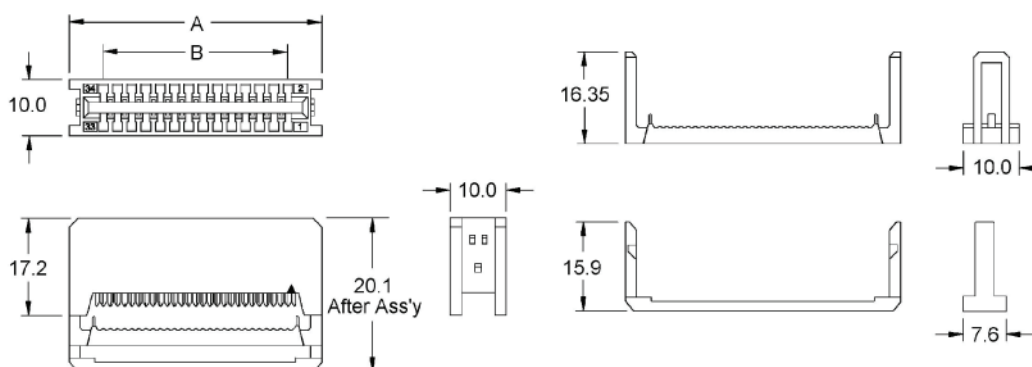
Current Rating: 3A
 Voltage Rating: 250V AC
 Withstanding Voltage: 750V AC
 Insulation Resistance: 500 M Ω min.
 Contact Resistance: 12 m Ω max.
 Temperature Range: -40°C ~ +108°C

FEATURES

Size 14 to 64 poles
 Suitable for 1,27 mm ribbon cable, AWG 28
 Accept PCB tck 1.57mm
 Optional polarizing Key
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Phosphore bronze
 Plating: Selective gold over Nickel



Poles	Part. No.	A (mm)	B (mm)
14	5131207891	29.60	18.51
16	5131208891	32.14	19.05
20	5131210891	37.22	24.13
26	5131213891	44.84	31.75
34	5131217891	52.70	41.91
40	5131220891	62.62	48.53
50	5131225891	75.32	62.23
60	5131230891	88.02	74.93
64	5131232891	93.10	80.01

Available with polarization contacts.

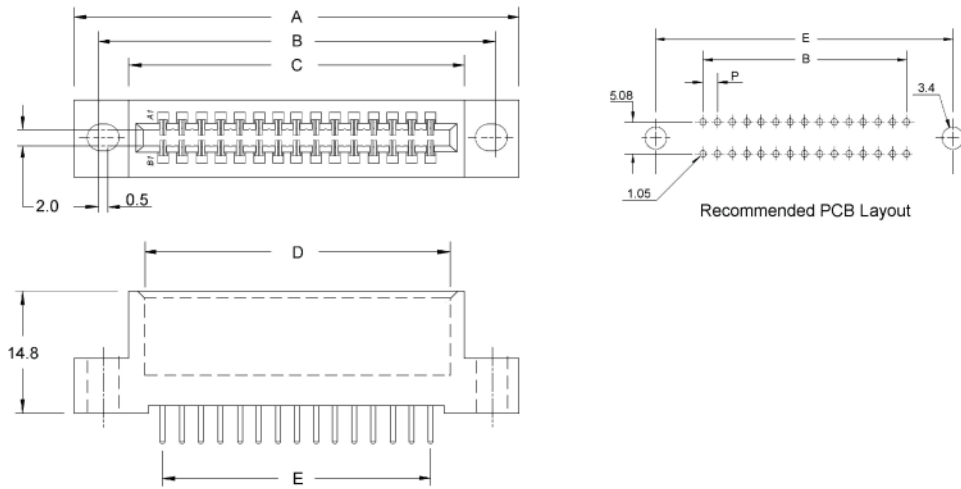
E

A collection of various electronic components, likely integrated circuits or connectors, arranged on a light-colored surface. The components are primarily blue and yellow, with some featuring gold-colored pins or contacts. They are of different shapes and sizes, suggesting a variety of functions or types.

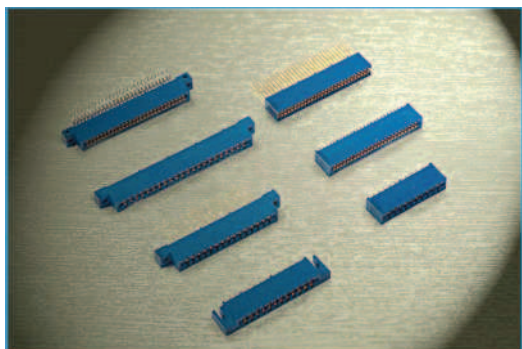
Current Rating: 3A
Voltage Rating: 250V AC
Withstanding Voltage: 750V AC
Insulation Resistance: 500 M Ω min.
Contact Resistance: 12 m Ω max.
Temperature Range: -55°C ~ +125°C

Insulator: G.F. PBT, UL94V-0, blue color
Contact: Phosphor bronze
Plating: Selective Gold over Nickel

Size 18 to 50 poles single row;
36 to 100 poles double row.
Suitable for 1.57mm thick PCB
Packaging tray

[illegible]

All the Part. No. are with std. Mounting ears (type 0). If you need another solution, change the fourth digit with the option as in the drawing.



SPECIFICATIONS

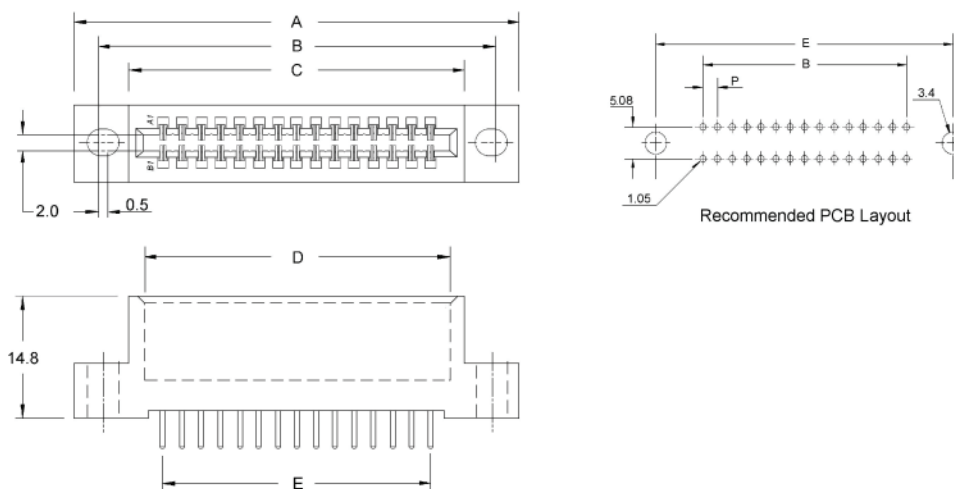
Current Rating: 3A
 Voltage Rating: 250V AC
 Withstanding Voltage: 750V AC
 Insulation Resistance: 500 MΩ min.
 Contact Resistance: 12 mΩ max.
 Temperature Range: -55°C ~ +125°C

FEATURES

Size 6 to 55 poles single row;
 12 to 110 poles double row.
 Suitable for 1.57mm thick PCB
 Packaging tray

MATERIAL

Insulator: G.F. PBT, UL94V-0, blue color
 Contact: Phosphor bronze
 Plating: Selective Gold over Nickel



Poles x row	P/N row A+B	P/N row A	P/N row B	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
6	5330206x9'	5330006x91	5330106x91	45.80	39.30	31.80	28.20	19.80
8	5330208x9'	5330008x91	5330108x91	53.80	36.50	38.80	36.00	27.72
10	5330210x9'	5330010x91	5330110x91	61.20	55.30	48.00	43.80	35.64
12	5330212x9'	5330012x91	5330112x91	69.60	62.70	54.70	52.00	43.56
14	5330214x9'	5330014x91	5330114x91	77.10	71.20	63.90	59.70	51.48
15	5330215x9'	5330015x91	5330115x91	81.00	75.10	67.80	63.60	55.44
18	5330218x9'	5330018x91	5330118x91	92.90	87.00	79.70	75.50	67.32
22	5330222x9'	5330022x91	5330122x91	108.70	102.80	95.50	91.30	83.16
28	5330228x9'	5330028x91	5330128x91	132.50	126.60	119.30	115.00	106.92
30	5330230x9'	5330030x91	5330130x91	140.40	135.50	127.20	123.00	114.84
31	5330231x9'	5330031x91	5330131x91	145.00	138.20	130.90	127.20	118.80
36	5330236x9'	5330036x91	5330136x91	164.20	157.80	151.00	146.80	138.60
43	5330243x9'	5330043x91	5330143x91	191.90	186.00	178.70	174.50	166.32
50	5330250x9'	5330050x91	5330150x91	219.70	213.80	206.50	202.30	194.04
55	5330255x9'	5330055x91	5330155x91	239.50	233.60	226.30	222.00	213.84

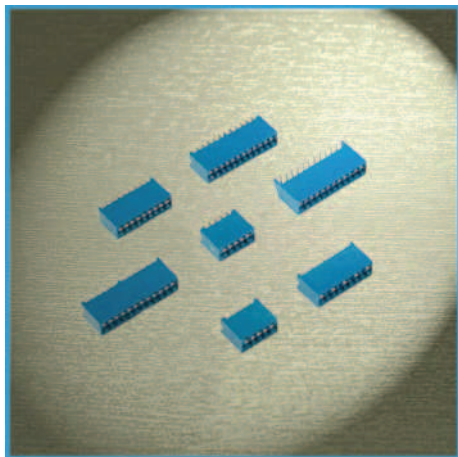
x= Select the requested termination.

All the Part. No. are with std. Mounting ears (type 0). If you need another solution, change the fourth digit with the option as in the drawing.

BACKPLANE CONNECTORS

Card Edge connectors - p.2,5 mm single row

E



SPECIFICATIONS

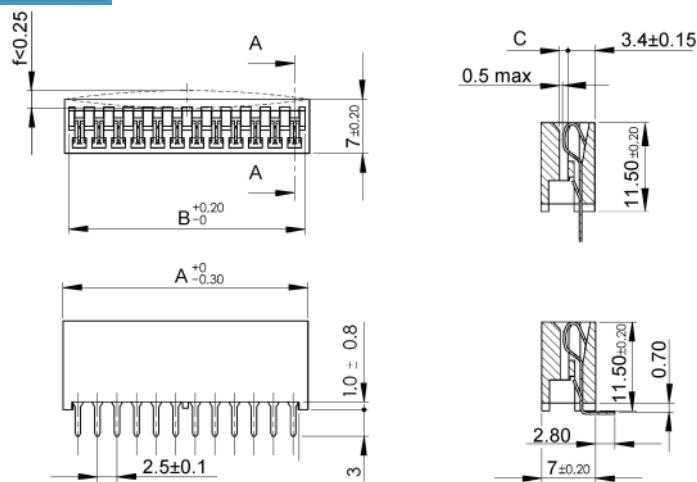
Current Rating: 3A
Voltage Rating: 250V AC
Contact Resistance: 10 mΩ max.
Temperature Range: -55°C ~ +125°C
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1500V AC/minute

FEATURES

Size 5 to 25 poles
Accept PCB tck 1,57mm
Packaging box

MATERIAL

Insulator: G.F. PBT, UL94V-0
Contact: Phosphor bronze
Plating: Tin over Nickel

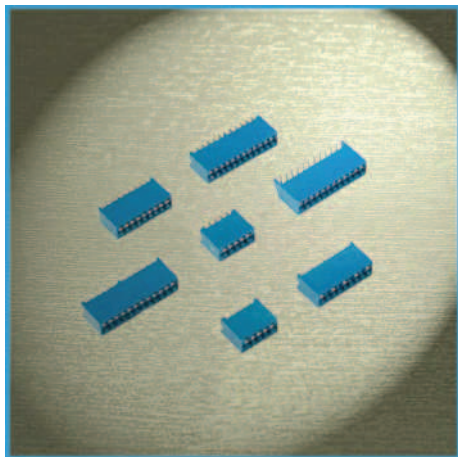


Poles	P/N DS 180°	P/N H.S.	P/N DS 90°	A(mm)	B(mm)	C max	PCB tck
5	593780520-3	593780530-3	593780590-3	13.60	12.60	1.15	1.60
6	593780620-3	593780630-3	593780690-3	16.10	15.10	1.15	1.60
7	593780720-3	593780730-3	593780790-3	18.60	17.60	1.15	1.60
8	593780820-3	593780830-3	593780890-3	21.10	20.10	1.15	1.60
9	593780920-3	593780930-3	593780990-3	23.60	22.60	1.15	1.60
10	593781020-3	593781030-3	593781090-3	26.10	25.10	1.15	1.60
11	593781120-3	593781130-3	593781190-3	28.60	27.60	1.15	1.60
12	593781220-3	593781230-3	593781290-3	31.10	30.10	1.15	1.60
13	593781320-3	593781330-3	593781390-3	33.60	32.60	1.15	1.60
14	593781420-3	593781430-3	593781490-3	36.10	35.10	1.15	1.60
16	593781620-3	593781630-3	593781690-3	41.10	40.10	1.15	1.60
18	593781820-3	593781830-3	593781890-3	46.10	45.10	1.15	1.60
19	593781920-3	593781930-3	593781990-3	48.60	47.60	1.15	1.60
20	593782020-3	593782030-3	593782090-3	51.10	50.10	1.15	1.60
21	593782120-3	593782130-3	593782190-3	53.60	52.60	1.15	1.60
22	593782220-3	593782230-3	593782290-3	56.10	55.10	1.15	1.60
25	593782520-3	593782530-3	593782590-3	63.60	62.60	1.15	1.60

Available also with Gold plating on request.

BACKPLANE CONNECTORS

Card Edge connectors - single row p.2.54/5.08 mm



SPECIFICATIONS

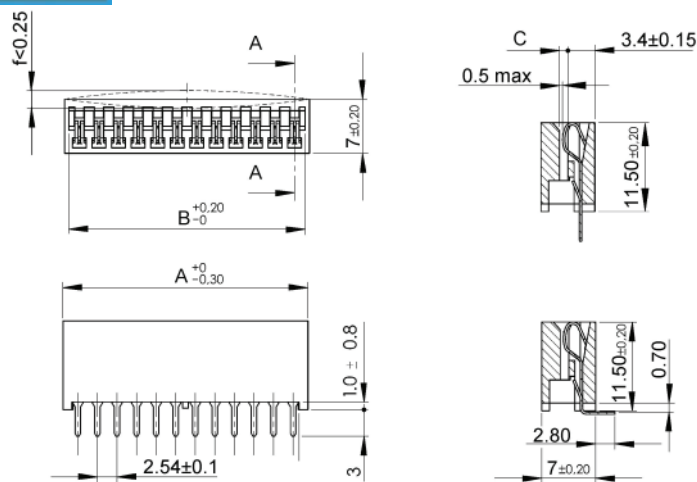
Current Rating: 3A
 Voltage Rating: 250V AC
 Contact Resistance: 10 mΩ max.
 Temperature Range: -55°C ~ +125°C
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1500V AC/minute

FEATURES

Size 5 to 12 poles
 Applicable PCB tck 0,60~1,20mm
 Packaging box

MATERIAL

Insulator: G.F. PBT UL94V-0, blue color
 Contact: Phosphor bronze
 Plating: Selective gold over nickel



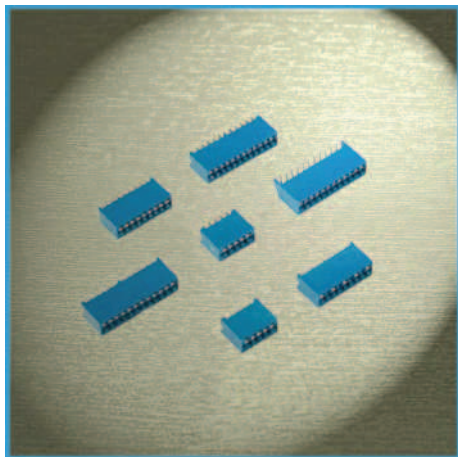
Poles	Pitch	P/N DS 180°	P/N H.S.	P/N DS 90°	A (mm)	B (mm)	C max	PCB tck
5	2.54	5137805291-1	5137805391-'	5137805991-'	13.94	12.89	0,5	0,60~0,85
9	2.54	5137809291-1	5137809391-'	5137809991-'	24.10	23.05	0,5	0,60~0,85
10	2.54	5137810291-1	5137810391-'	5137810991-'	26.64	25.59	0,5	0,60~0,85
12	2.54	5137812291-1	5137812391-'	5137812991-'	31.72	30.67	0,5	0,60~0,85
5	5.08	5437805291-1	5437805391-'	5437805991-'	24.10	23.05	0,5	0,60~0,85
5	2.54	5137805291-2	5137805391-2	5137805991-2	13.94	12.89	0.70	0.90~1.20
9	2.54	5137809291-2	5137809391-2	5137809991-2	24.10	23.05	0.70	0.90~1.20
10	2.54	5137810291-2	5137810391-2	5137810991-2	26.64	25.59	0.70	0.90~1.20
12	2.54	5137812291-2	5137812391-2	5137812991-2	31.72	30.67	0.70	0.90~1.20
5	5.08	5437805291-2	5437805391-2	5437805991-2	24.10	23.05	0.70	0.90~1.20

Tin plated connectors are available upon request. Please contact us.

BACKPLANE CONNECTORS

Card Edge connectors - p.3,96 mm single row

E



SPECIFICATIONS

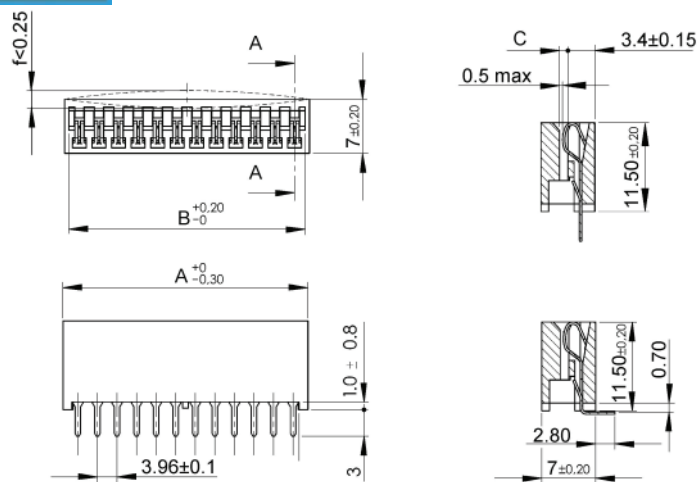
Current Rating: 3A
 Voltage Rating: 250V AC
 Contact Resistance: 10 mΩ max.
 Temperature Range: -55°C ~ +125°C
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1500V AC/minute

FEATURES

Size 3 to 15 poles
 Applicable PCB tck 1,57mm
 Packaging box

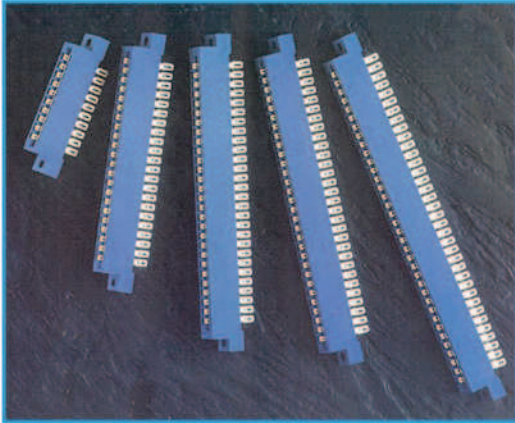
MATERIAL

Insulator: G.F. PBT, UL94V-0 blue colour
 Contact: Phosphor bronze
 Plating: Tin over nickel



Poles	P/N DS 180°	P/N H.S.	P/N DS 90°	A(mm)	B(mm)	C max	PCB tck
3	533780320-3	533780330-3	533780390-3	18.18	18.10	1.15	1.60
6	533780620-3	533780630-3	533780690-3	30.06	28.00	1.15	1.60
7	533780720-3	533780730-3	533780790-3	34.02	32.00	1.15	1.60
8	533780820-3	533780830-3	533780890-3	37.98	35.90	1.15	1.60
9	533780920-3	533780930-3	533780990-3	41.94	39.90	1.15	1.60
10	533781020-3	533781030-3	533781090-3	45.90	43.80	1.15	1.60
12	533781220-3	533781230-3	533781290-3	53.82	51.80	1.15	1.60
13	533781320-3	533781330-3	533781390-3	57.78	55.70	1.15	1.60
14	533781420-3	533781430-3	533781490-3	61.74	59.70	1.15	1.60
15	533781520-3	533781530-3	533781590-3	69.66	67.60	1.15	1.60

Available also with Gold plating on request.

**SPECIFICATIONS**

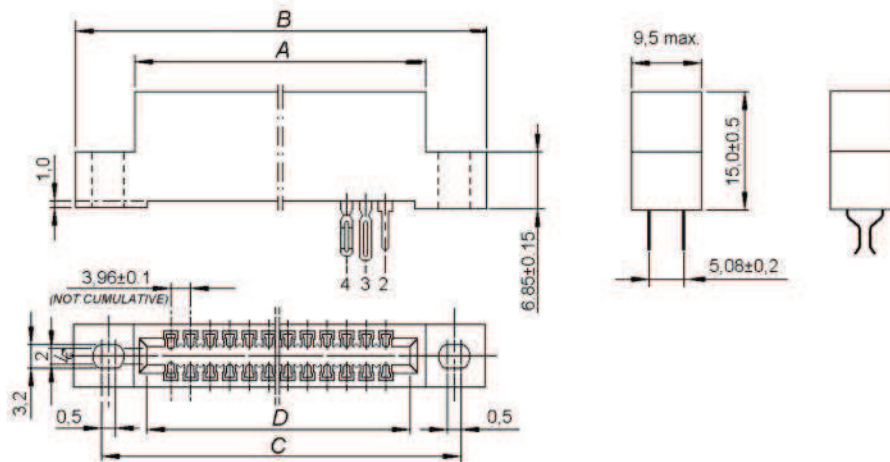
Current Rating: 10 A
 Voltage Rating: 250V AC
 Insulation Resistance: 10 MΩ min.
 Contact Resistance: 20 mΩ max.
 Temperature Range: -55°C ~ +125°C

FEATURES

Size 6 to 36 poles
 Suitable for 1.57mm thick PCB
 Packaging box

MATERIAL

Insulator: G.F. PBT UL94V-0, blue color
 Contact: Phosphor bronze
 Plating: Gold over nickel



Poles	P/N Flow s.	P/N Hand s.	P/n Bended	A (mm)	B (mm)	C (mm)	D (mm)
6+6	5330206232V	5330206332V	5330206432V	31.80	45.80	36.50	28.20
10+10	5330210232V	5330210332V	5330210432V	48.00	61.20	55.30	43.80
15+15	5330215232V	5330215332V	5330215432V	67.80	81.00	75.10	63.60
18+18	5330218232V	5330218332V	5330218432V	79.70	92.90	87.00	75.50
22+22	5330222232V	5330222332V	5330222432V	95.50	108.7	102.8	91.30
28+28	5330228232V	5330228332V	5330228432V	119.3	132.5	126.6	115.1
30+30	5330230232V	5330230332V	5330230432V	127.2	140.4	134.5	123.0
36+36	5330236232V	5330236332V	5330236432V	151.0	164.2	158.3	146.8

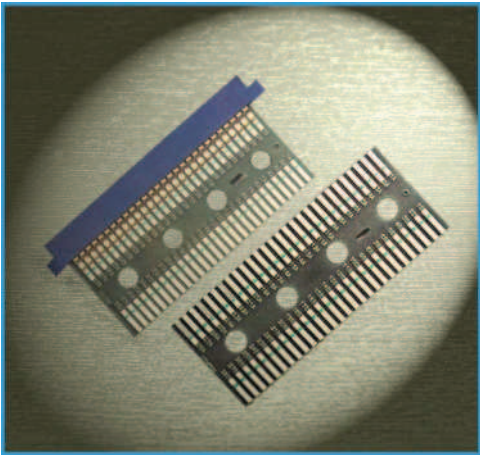
Termination Style:

2=Flow solder ; 3=Hand solder ; 4=Bending for extension

BACKPLANE CONNECTORS

Video games accessories - Interconnection PCB

E

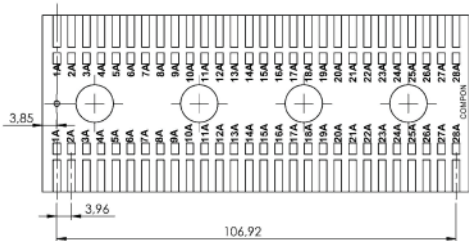
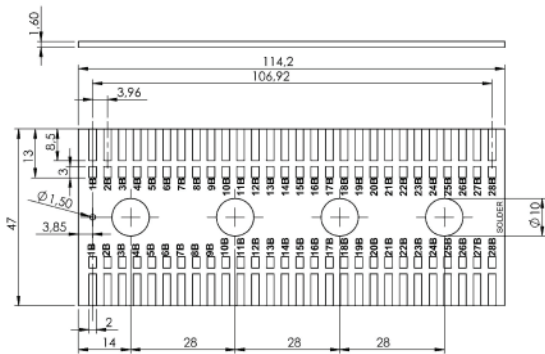


SPECIFICATIONS

Base material: FR4

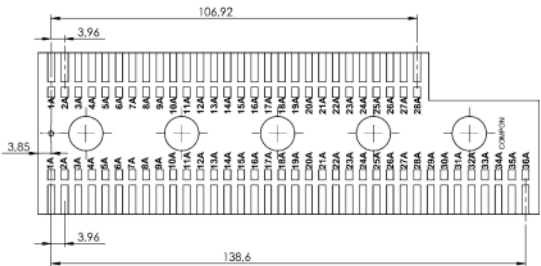
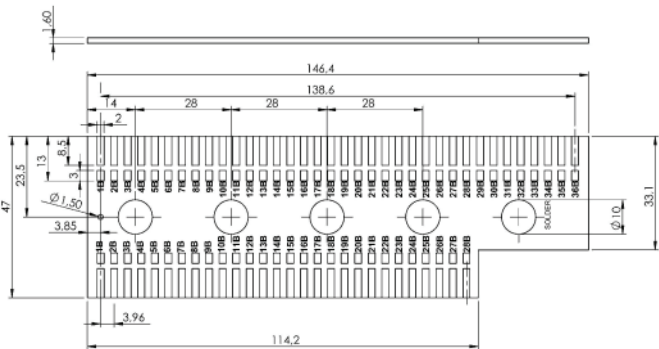
Terminal finish: Tin plated

Packaging: Bag



Poles	Part. No.	Type
28+28	28/28	PCB
28+28	28/28S	Uniplug

Uniplug: The PCB is provided with a 28 poles card edge connector soldered (one syde only)

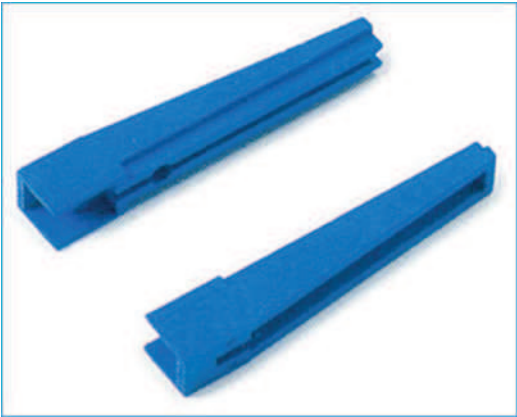


Poles	Part. No.	Type
28+36	28/36	PCB
28+36	28/36S	Uniplug

Uniplug: The PCB is provided with a 36 poles card edge connector soldered

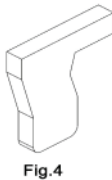
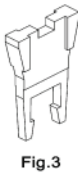
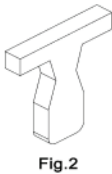
BACKPLANE CONNECTORS

Card Edge connectors - Card Edge accessories

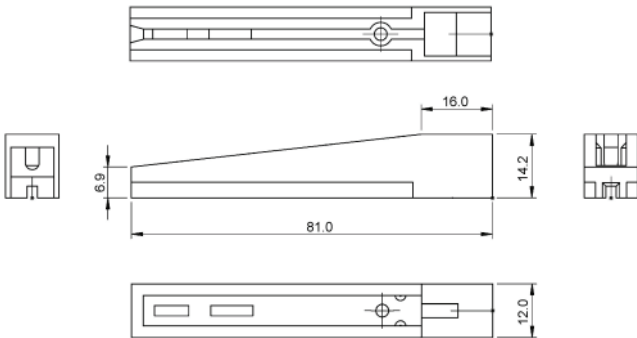


MATERIAL
 Insulator: G.F. PBT, UL94V-0

FEATURES
 Suitable for 2.54/3.17/3.96/5.08 mm pitch
 Quick poalarization without loss of contact (only Fig.1)
 Packaging: bag 500/pcs



Part. No	Model	Type	Pitch
5901-G	Fig.1	Between contact	3.96 mm over 22
5901-N	Fig.1	Between contact	3.96 mm up to 22
5901-N	Fig.1	Between contact	2.54 mm over 37
5901-B	Fig.1	Between contact	2.54 mm up to 37
5902	Fig.2	On contact	All
5903-S	Fig.3	Insted of contact	All
5904	Fig.4	On single row	All



Part. No	Model
5906	Card guide

CIRCULAR & AUDIO CONNECTORS

Mini DIN connectors - MINI DIN cable type

F



SPECIFICATIONS

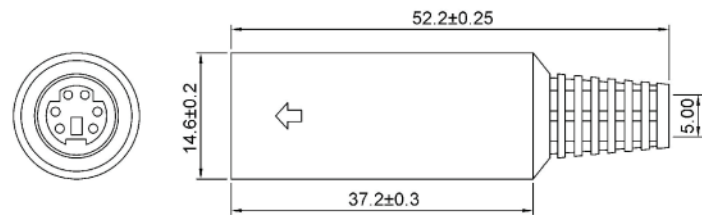
Current Rating: 1 A
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 500V AC/minute
 Temperature Range: -55°C ~ +105°C
 Contact Resistance: 15 mΩ max.

FEATURES

Poles: 2-9
 Packaging: bag

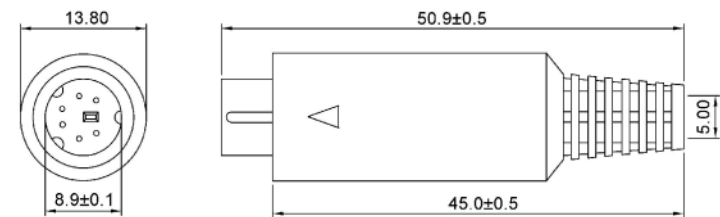
MATERIALS

Insulator: PBT, UL 94 V-0
 Contact (plug): Copper alloy
 Contact (socket): Phosphor bronze
 Plating: Gold plated
 Shell: Brass Tin plated
 Cover: ABS
 Cable boot: PVC



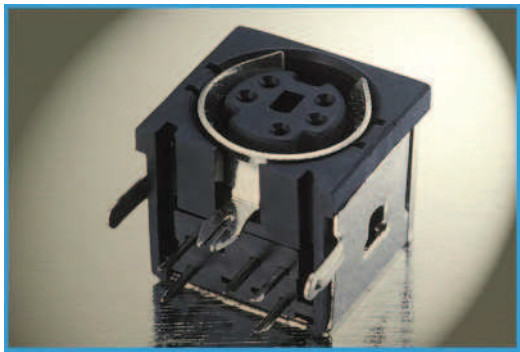
N° OF CONTACT	3	4	5	6	7	8
POSITION						

Poles	Part. No.
3	63000-03
4	63000-04
5	63000-05
6	63000-06
7	63000-07
8	63000-08



N° OF CONTACT	3	4	5	6	7	8
POSITION						

Poles	Part. No.
3	62000-03
4	62000-04
5	62000-05
6	62000-06
7	62000-07
8	62000-08

**SPECIFICATIONS**

Current Rating: 1 A

Insulation Resistance: 500 MΩ min.

Withstanding Voltage: 500V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 15 mΩ max.

FEATURES

Size 2 to 9 poles

EMI/RFI protection

Positive polarization

Packaging tray

Suitable for 1.57mm thick PCB

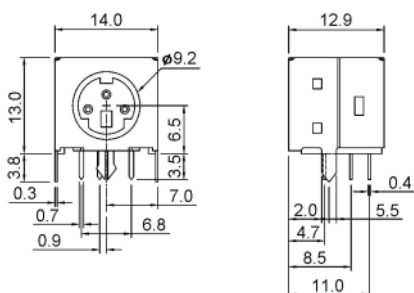
MATERIAL

Insulator: G.F. PBT UL94V-0

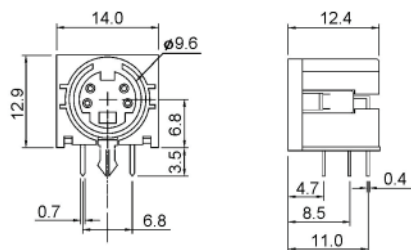
Contact: Phosphor bronze

Plating: Selective gold over nickel

Shield : Brass Tin plated



Poles	Part. No.
3	DJ009-3P-C
4	DJ009-4P-C
5	DJ009-5P-C
6	DJ009-6P-C
7	DJ009-7P-C
8	DJ009-8P-C
9	DJ009-9P-C

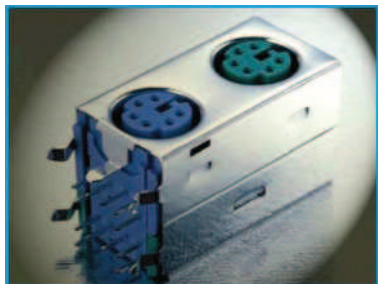


Poles	Part. No.
3	DJ009-3P
4	DJ009-4P
5	DJ009-5P
6	DJ009-6P
7	DJ009-7P
8	DJ009-8P
9	DJ009-9P

F

3 PORT DJ009-3P-C	4 PORT DJ009-4P-C	5 PORT DJ009-5P-C	6 PORT DJ009-6P-C	7 PORT DJ009-7P-C	8 PORT DJ009-8P-C	9 PORT DJ009-9P-C

3 PORT DJ009-3P	4 PORT DJ009-4P	5 PORT DJ009-5P	6 PORT DJ009-6P	7 PORT DJ009-7P	8 PORT DJ009-8P	9 PORT DJ009-9P



SPECIFICATIONS

Current Rating: 1 A

Insulation Resistance: 500 MΩ min.

Withstanding Voltage: 500V AC/minute

Temperature Range: -55°C ~ +105°C

Contact Resistance: 15 mΩ max.

FEATURES

Size 6 poles

EM/RFI prtotection

Positive polarization

Packaging tray

Suitable for 1.57mm thick PCB

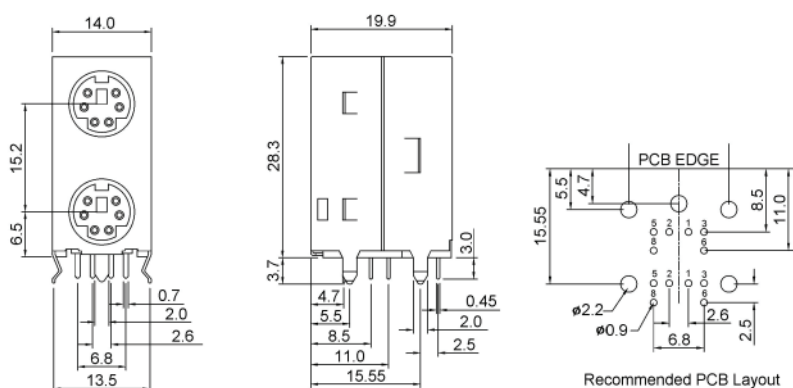
MATERIAL

Insulator: G.F. PBT UL94V-0

Contact: Phosphor bronze

Plating: Selective gold over nickel

Shield : Brass Tin plated

[illegible]

CHM-6017
(3, 4, 5, 6, pin)



CHM-6017A
(3, 4, 5, 6, pin)



CHM-6019
(3, 4, 5, 6, pin)



CHM-6019A
(3, 4, 5, 6, pin)



CHM-6020
(3, 4, 5, 6, pin)



CHM-6020A
(3, 4, 5, 6, pin)



CHM-6019-R
(3, 4, 5, 6, pin)



CHM-6019A-R
(3, 4, 5, 6, pin)



CHM-6021
(4, 5, 7, 8, pin)



CHM-6022
(4, 5, 7, 8, pin)



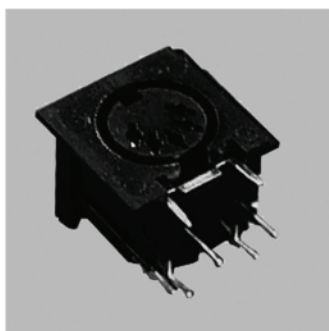
CHM-6023
(3,4,5,6,7,8,13,pin)



CHM-6024
(3,4,5,6,7,8,pin)



CHM-6025
(3,4,5,6,7,8,13,pin)



91M-701-xP
(3, 4, 5, 6, 7, 8, pin)



91M-702-xP
(3, 4, 5, 6, 7, 8, pin)



91M-703-xP
(3, 4, 5, 6, 7, 8, pin)

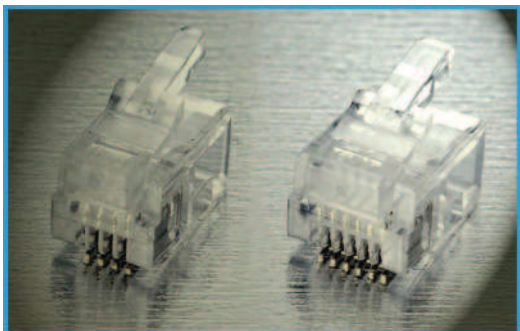


91M-704-xP
(3, 4, 5, 6, 7, 8, pin)



91M-705-xP
(3, 4, 5, 6, 7, 8, pin)



**SPECIFICATIONS**

Current Rating: 1.5A

Insulation Resistance: 500 MΩ min.

Voltage Rating: 125V AC

Withstanding Voltage: 1000V AC/minute

Temperature Range: -40°C ~ +60°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 2 to 10 contacts

Mate with FFC68 modular jack

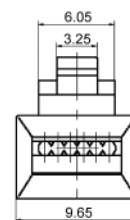
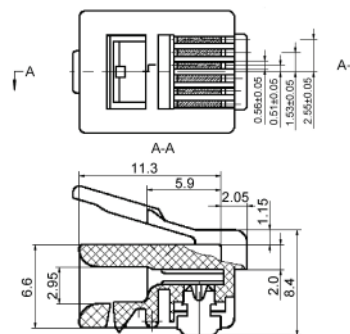
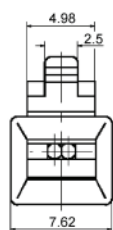
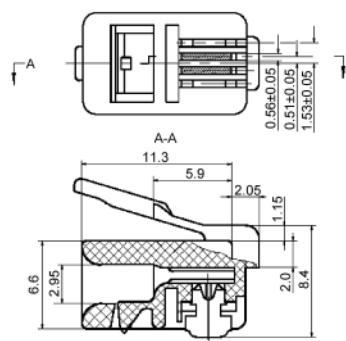
Packaging bag

MATERIAL

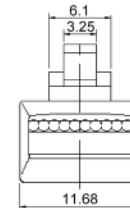
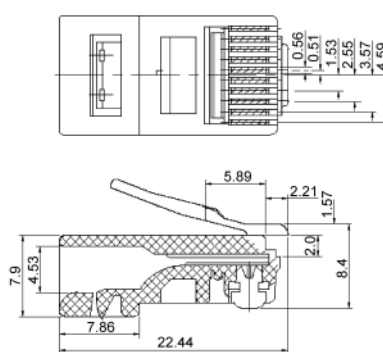
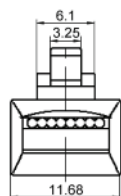
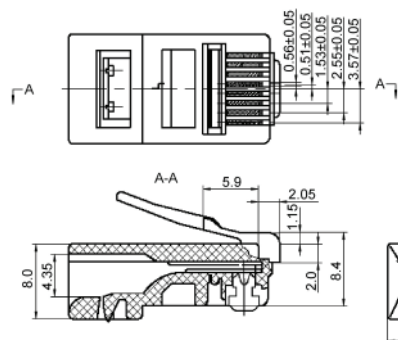
Insulator: PC, UL 94V-2, natural

Contact: Copper alloy

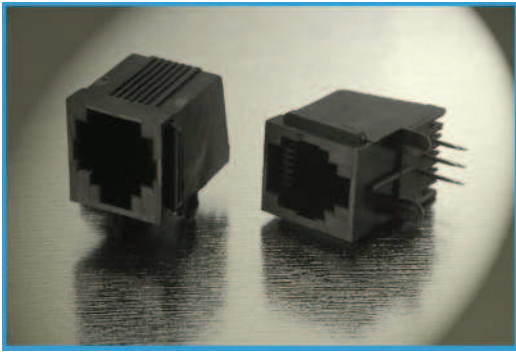
Plating: Gold over Nickel



Position	Poles	Part. No.
4	2	TA-122-42,06
4	4	TA-122-44,06
6	2	TA-122-62,06
6	4	TA-122-64,06
6	6	TA-122-66,06



Position	Poles	Part. No
8	8	TA-122-88,06
10	10	TA-122-10,06



SPECIFICATIONS

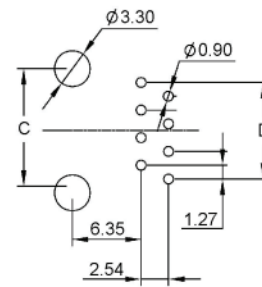
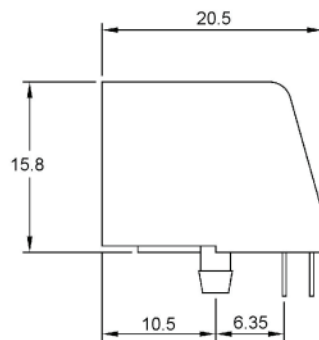
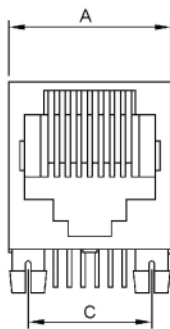
Current Rating: 1.5A
 Voltage Rating: 125V AC,DC
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -40°C ~ +80°C
 Contact Resistance: 20 mΩ max.

MATERIAL

Insulator: G.F. PBT, UL94V-0
 Contact: Phosphor bronze
 Plating: Gold over Nickel

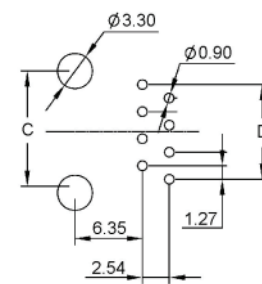
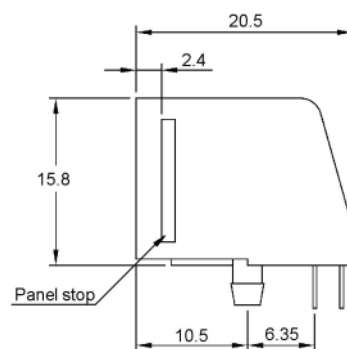
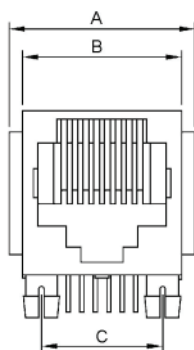
FEATURES

Size 4 to 8 poles
 Suitable for 1,57mm thick PCB
 Snap-in retention pegs
 Panel stop
 Mate with FFC68 modular plugs
 Packaging tray



Recommended PCB Layout

Poles	Part. No	A (mm)	C (mm)	D(mm)
4/4	631-44,06	13,72	7,62	3,81
6/4	631-64,06	15,75	10,16	3,81
6/6	631-66,06	15,75	10,16	6,35
8/8	631-88,06	17,78	11,43	8,89



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)	D (mm)
4/4	632-44,06	13,72	11,18	11,18	3,81
6/4	634-64,06	15,75	13,21	13,21	3,81
6/6	632-66,06	15,75	13,21	13,21	6,35
8/8	632-88,06	17,78	15,24	15,24	8,89



SPECIFICATIONS

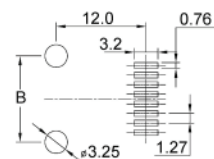
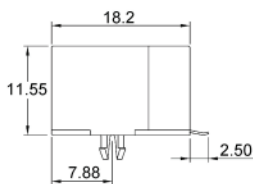
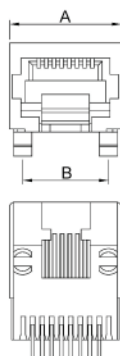
Current Rating: 1.5A
 Voltage Rating: 125V AC,DC
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -40°C ~ +80°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 4 to 10 poles
 Suitable for 1,57mm thick PCB
 Snap-in or solder tab retention pegs
 Mate with FFC68 modular plugs
 Packaging tray, option Tape&reel available

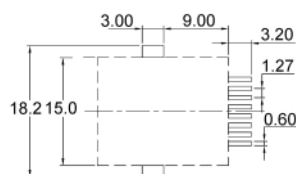
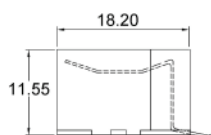
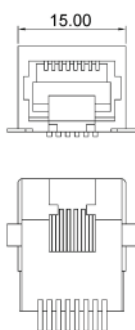
MATERIAL

Insulator: Nylon 6T, UL 94V-0
 Contact: Phosphor bronze
 Plating: Selective Gold over Nickel



Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)
4/4	95001S-44,06	11,2	7,82	3,81
6/6	95001S-66,06	12,96	10,16	6,35
8/8	95001S-88,06	15,03	11,43	8,89
10/10	95001S-10,06	15,03	11,43	11,43



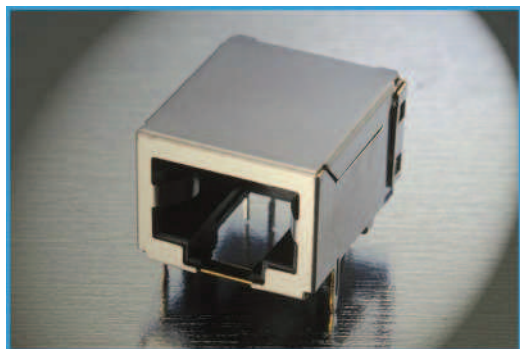
Recommended PCB Layout

Poles	Part. No.
8/8	95001ST-88,06

TELEPHONE CONNECTORS

Modular Jack - syde entry low profile, shielded

H



SPECIFICATIONS

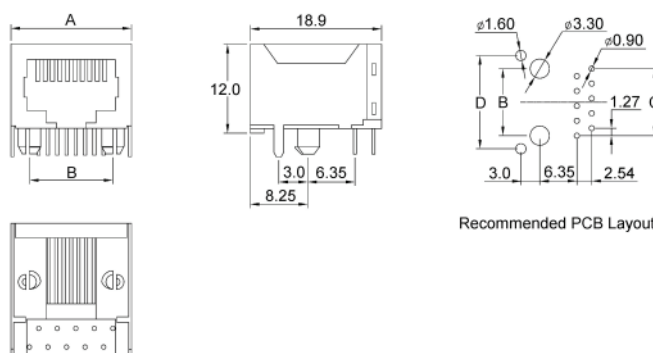
Current Rating: 1.5A
 Voltage Rating: 125V AC,DC
 Insulation Resistance: 500 MΩ min.
 Withstanding Voltage: 1000V AC/minute
 Temperature Range: -40°C ~ +80°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 6 to 10 poles
 Suitable for 1,57mm thick PCB
 Snap-in retention pegs
 EMI/RFI prttection
 Mate with FFC68 modular plugs
 Packaging tray, option Tape&reel available

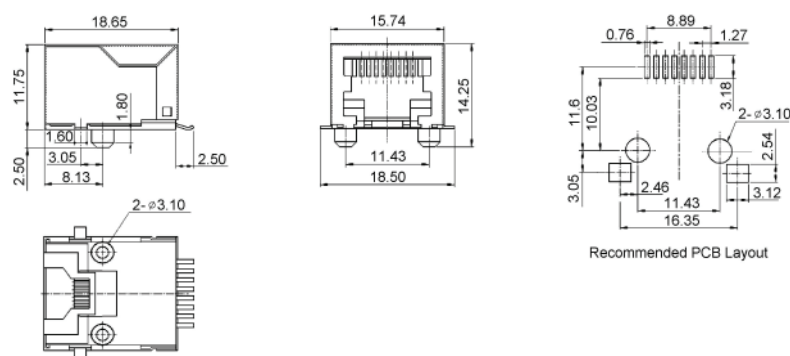
MATERIALS

Insulator: PBT , UL 94 V-0
 Contact: Phos. bronze, Selective Gold Plated
 Shield : Copper alloy, Nickel plated



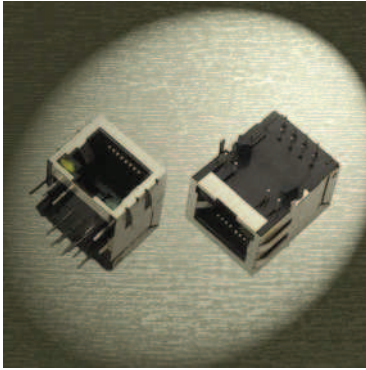
Recommended PCB Layout

Poles	Part. No.	A (mm)	B (mm)	C (mm)	D(mm)
6/6	95002-66.06	13.56	13.16	6.35	13.57
8/8	95002-88.06	15.74	11.43	8.89	15.54
10/10	95002-10.06	15.74	11.43	11.43	15.54



Recommended PCB Layout

Poles	Part. No.
8/8	95002S-88.06

**SPECIFICATIONS**

Current Rating: 1.5A

Voltage Rating: 125V AC,DC

Insulation Resistance: 500 MΩ min.

Withstanding Voltage: 1000V AC/minute

Temperature Range: -40°C ~ +80°C

Contact Resistance: 20 mΩ max.

FEATURES

Size 8/8 poles

Suitable for 1,57mm thick PCB

Snap-in retention pegs

EMI/RFI protection

Mate with FFC68 modular plugs

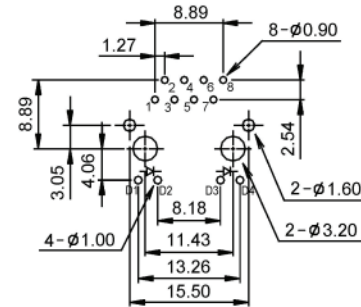
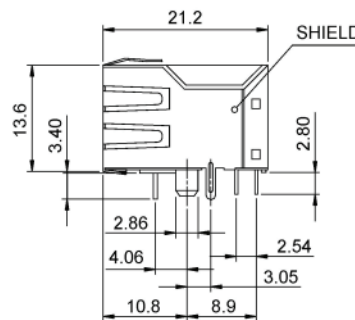
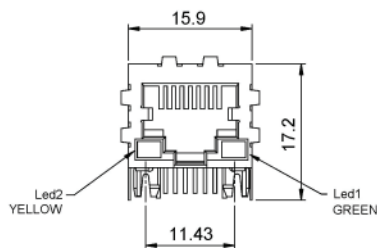
Packaging tray

MATERIALS

Insulator: PBT , UL 94 V-0

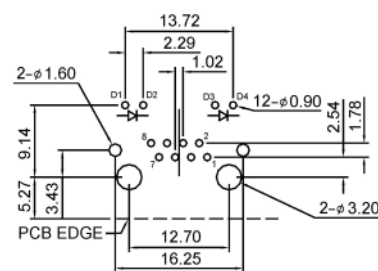
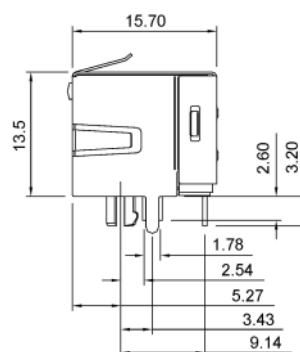
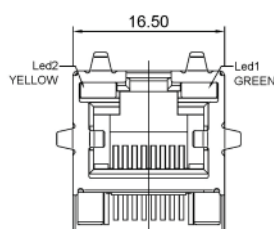
Contact: Phos. bronze, Selective Gold Plated

Shield : Copper alloy, Nickel plated



Recommended PCB Layout

Poles	Part. No.	LED color
8/8	95003L-88.06	yellow/green



Recommended PCB Layout

Poles	Part. No.	LED color
8/8	95003U-88.06	yellow/green

RJ45 PVC BOOT

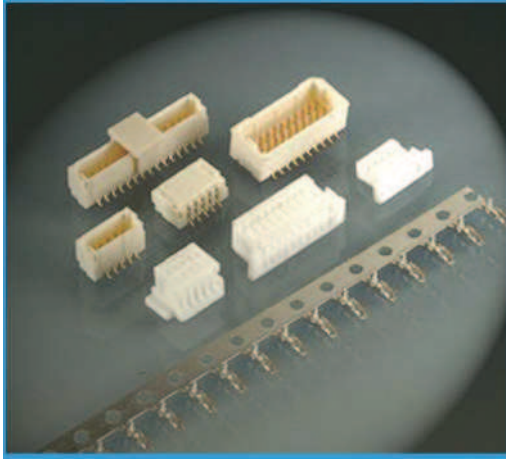
- Protect network cable during extreme use
- Cover the RJ45 modular plug and the retention clip
- Available in different colors for wiring identification
- Made of soft PVC



RJ45 DUST COVER

- Protect jacks from dust and dirt
- Protect jacks from physical damage
- Ensure long lasting connections
- Available with black or white plastic insulator
- Suitable for RJ45 modular jacks



**SPECIFICATIONS**

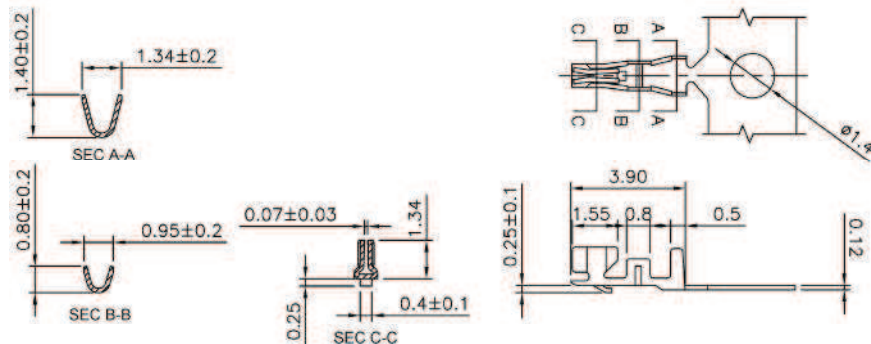
Voltage Rating: 50V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 100 MΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

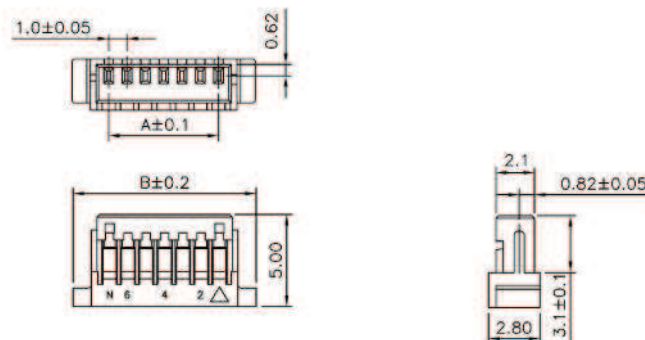
Applicable wires: AWG 28 ~ 32
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 20.000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



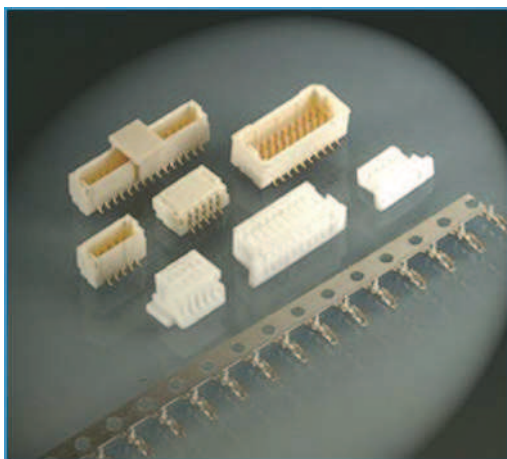
App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 28-32	6162T	Phosp bronze	Tin plated	20.000/reel					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6162F02	1.00	5.00	12	6162F12	11.00	15.00
3	6162F03	2.00	6.00	13	6162F13	12.00	16.00
4	6162F04	3.00	7.00	14	6161F14	13.00	17.00
5	6162F05	4.00	8.00	15	6162F15	14.00	18.00
6	6162F06	5.00	9.00				
7	6162F07	6.00	10.00				
8	6162F08	7.00	11.00				
9	6162F09	8.00	12.00				
10	6162F10	9.00	13.00				
11	6161F11	10.00	14.00				

CABLING CONNECTORS

1,0 mm pitch - wire to board connectors - 6162



SPECIFICATIONS

Voltage Rating: 50V AC,DC

Current Rating: 1A AC,DC

Withstanding Voltage: 250V AC/minute

Insulation Resistance: 100 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

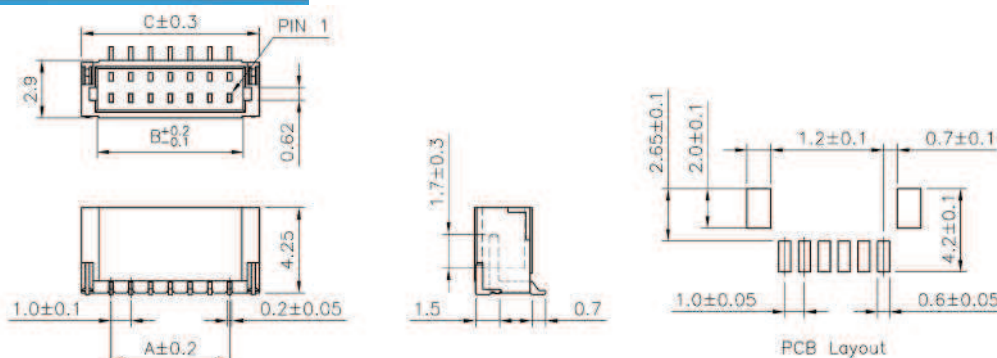
HEADER

Poles: 2-15

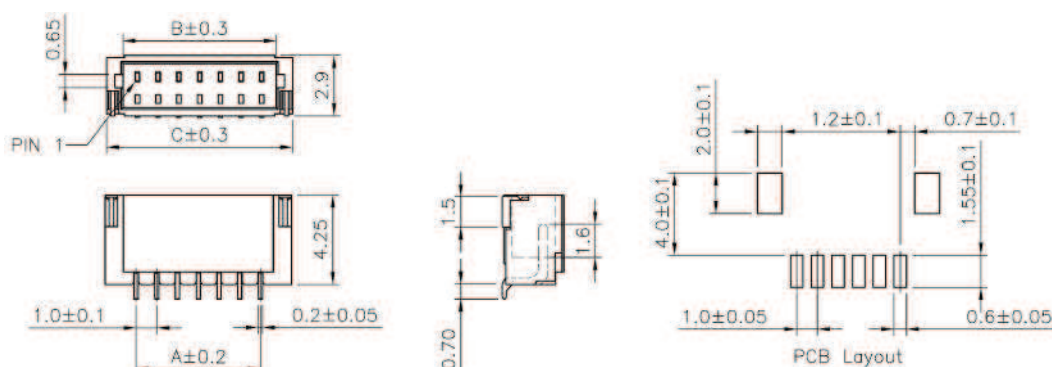
Material (base): Nylon 66, UL 94V-0

Material (post): Brass/ Tin plated

Q.ty: 1000 pcs/reel + cap



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6162M02-V	1.00	2.40	4.00	12	6162M12-V	11.00	12.40	14.00
3	6162M03-V	2.00	3.40	5.00	13	6162M13-V	12.00	13.40	15.00
4	6162M04-V	3.00	4.40	6.00	14	6162M14-V	13.00	14.40	16.00
5	6162M05-V	4.00	5.40	7.00	15	6162M15-V	14.00	15.40	17.00
6	6162M06-V	5.00	6.40	8.00					
7	6162M07-V	6.00	7.40	9.00					
8	6162M08-V	7.00	8.40	10.00					
9	6162M09-V	8.00	9.40	11.00					
10	6162M10-V	9.00	10.40	12.00					
11	6162M11-V	10.00	11.40	13.00					

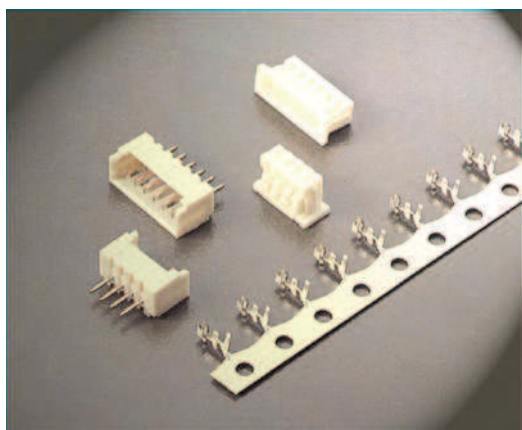


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6162M02-H	1.00	2.40	4.00	12	6162M12-H	11.00	12.40	14.00
3	6162M03-H	2.00	3.40	5.00	13	6162M13-H	12.00	13.40	15.00
4	6162M04-H	3.00	4.40	6.00	14	6162M14-H	13.00	14.40	16.00
5	6162M05-H	4.00	5.40	7.00	15	6162M15-H	14.00	15.40	17.00
6	6162M06-H	5.00	6.40	8.00					
7	6162M07-H	6.00	7.40	9.00					
8	6162M08-H	7.00	8.40	10.00					
9	6162M09-H	8.00	9.40	11.00					
10	6162M10-H	9.00	10.40	12.00					
11	6162M11-H	10.00	11.40	13.00					

CABLING CONNECTORS

1,25 mm pitch - wire to board connectors - 6101

L



SPECIFICATIONS

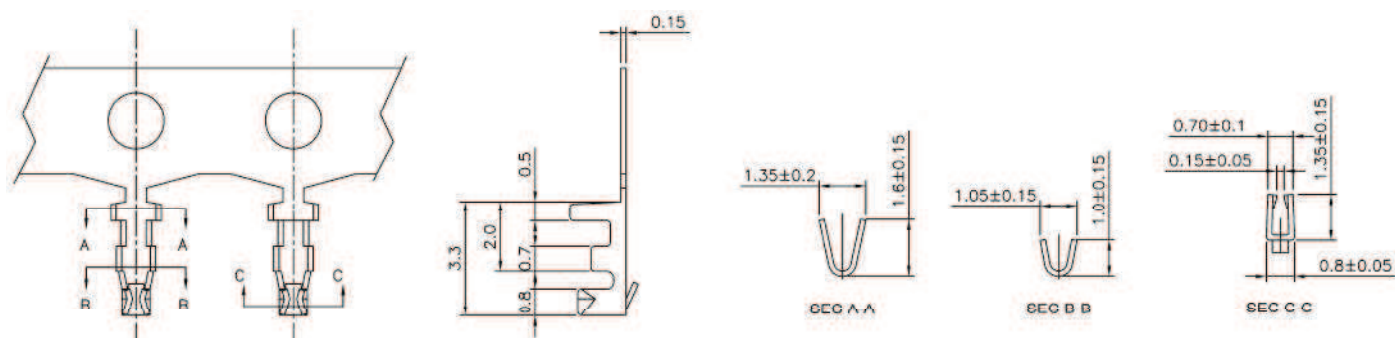
Voltage Rating: 125V AC,DC
 Current rating: 1A AC,DC
 Withstanding Voltage: 250V AC/minute
 Insulation Resistance: 100 MΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

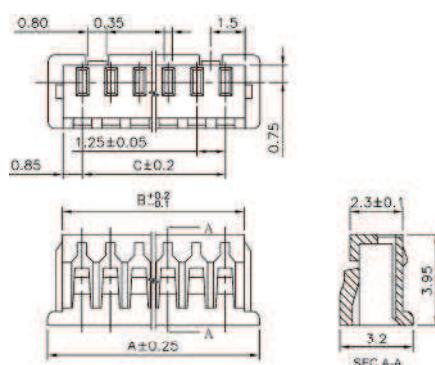
Applicable wire: AWG 28 ~ 32
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

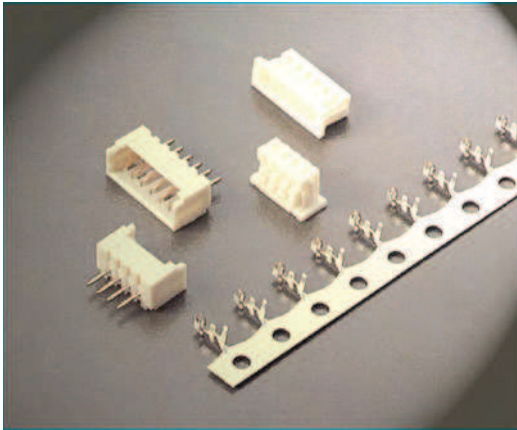
Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No	Material	Finish	Q.ty	App. Wire	Part No	Material	Finish	Q.ty
AWG 28-32	6101 T	Phosp. bronze	Tin plated	15000/reel					



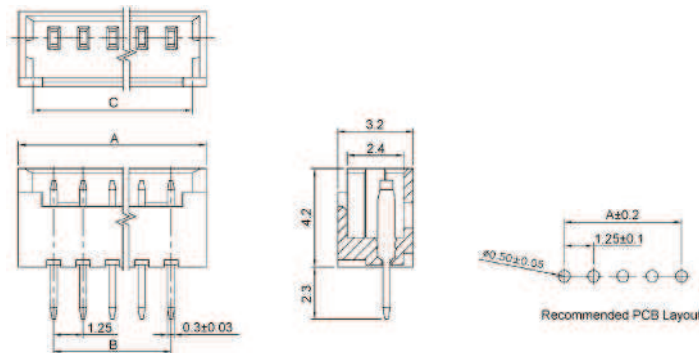
Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6101 F02	4.25	2.95	1.25	12	6101 F12	16.75	15.45	13.75
3	6101 F03	5.50	4.20	2.50	13	6101 F13	18.00	16.70	15.00
4	6101 F04	6.75	5.45	3.75	14	6101 F14	19.25	17.95	16.25
5	6101 F05	8.00	6.70	5.00	15	6101 F15	20.50	19.20	17.50
6	6101 F06	9.25	7.95	6.25					
7	6101 F07	10.50	9.20	7.50					
8	6101 F08	11.75	10.95	8.75					
9	6101 F09	13.00	11.70	10.00					
10	6101 F10	14.25	12.95	11.25					
11	6101 F11	15.50	14.20	12.50					

**SPECIFICATIONS**

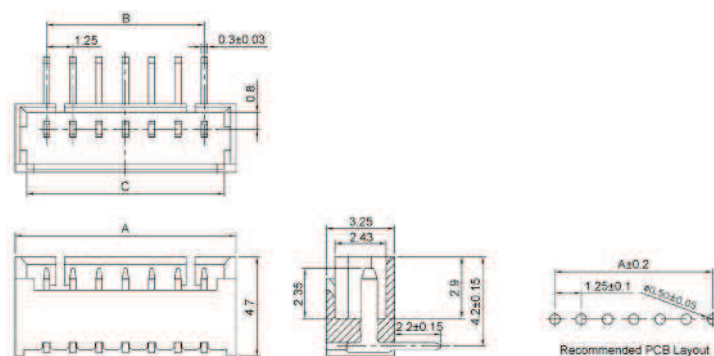
Voltage Rating: 125V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 250V AC/minute
 Insulation Resistance: 100 M Ω min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

HEADER

Poles: 2-15
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6101M02-S	4.25	1.25	3.05	12	6101M12-S	16.75	13.75	15.55
3	6101M03-S	5.50	2.50	4.30	13	6101M13-S	18.00	15.00	16.80
4	6101M04-S	6.75	3.75	5.55	14	6101M14-S	19.25	16.25	18.05
5	6101M05-S	8.00	5.00	6.80	15	6101M15-S	20.50	17.50	19.30
6	6101M06-S	9.25	6.25	8.05					
7	6101M07-S	10.50	7.50	9.30					
8	6101M08-S	11.75	8.75	10.55					
9	6101M09-S	13.00	10.00	11.80					
10	6101M10-S	14.25	11.25	13.05					
11	6101M11-S	15.50	12.50	14.30					

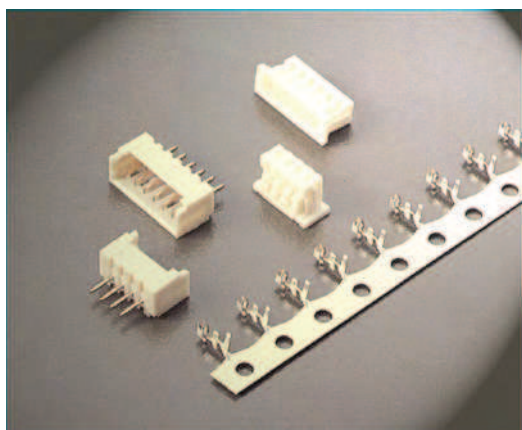


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6101M02-R	4.25	1.25	3.05	12	6101M12-R	16.75	13.75	15.55
3	6101M03-R	5.50	2.50	4.30	13	6101M13-R	18.00	15.00	16.80
4	6101M04-R	6.75	3.75	5.55	14	6101M14-R	19.25	16.25	18.05
5	6101M05-R	8.00	5.00	6.80	15	6101M15-R	20.50	17.50	19.30
6	6101M06-R	9.25	6.25	8.05					
7	6101M07-R	10.50	7.50	9.30					
8	6101M08-R	11.75	8.75	10.55					
9	6101M09-R	13.00	10.00	11.80					
10	6101M10-R	14.25	11.25	13.05					
11	6101M11-R	15.50	12.50	14.30					

CABLING CONNECTORS

1,25 mm pitch - wire to board connectors - 6101

L

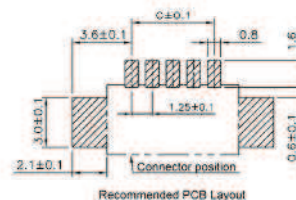
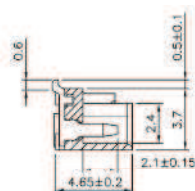
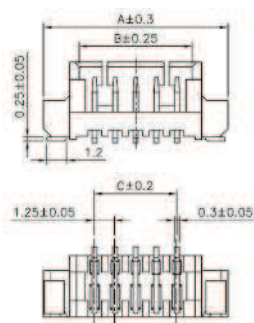


SPECIFICATIONS

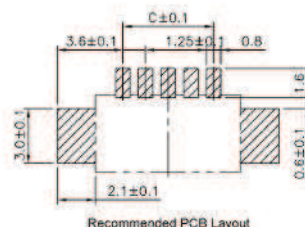
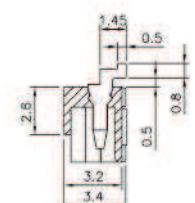
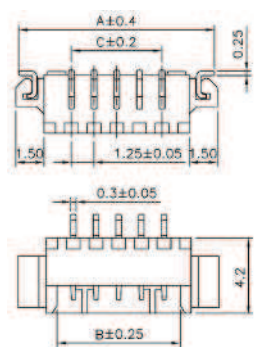
Voltage Rating: 125V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 250V AC/minute
 Insulation Resistance: 100 MΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

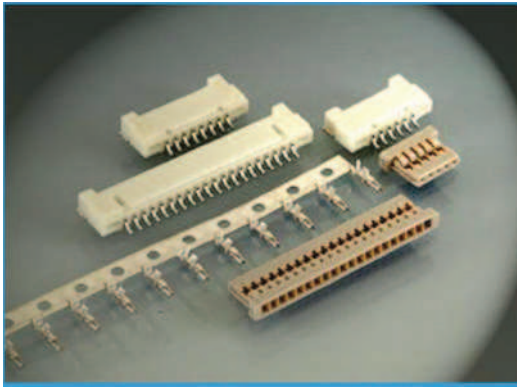
Poles: 2-15
 Material (base): Nylon PA46, UL94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/reel (180°); 1500 pcs/reel (90°)



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6101M02-V	7.65	3.05	1.25	12	6101M12-V	20.15	15.55	13.75
3	6101M03-V	8.90	4.30	2.50	13	6101M13-V	21.40	16.90	15.00
4	6101M04-V	10.15	5.55	3.75	14	6101M14-V	22.65	18.05	16.25
5	6101M05-V	11.40	6.80	5.00	15	6101M15-V	23.90	19.30	17.50
6	6101M06-V	12.65	8.05	6.25					
7	6101M07-V	13.90	9.30	7.50					
8	6101M08-V	15.15	10.55	8.75					
9	6101M09-V	16.40	11.80	10.00					
10	6101M10-V	17.65	13.05	11.25					
11	6101M11-V	18.90	14.30	12.50					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6101M02-H	7.65	3.05	1.25	12	6101M12-H	20.15	15.55	13.75
3	6101M03-H	8.90	4.30	2.50	13	6101M13-H	21.40	16.80	15.00
4	6101M04-H	10.15	5.55	3.75	14	6101M14-H	22.65	18.05	16.25
5	6101M05-H	11.40	6.80	5.00	15	6101M15-H	23.90	19.30	17.50
6	6101M06-H	12.65	8.05	6.25					
7	6101M07-H	13.90	9.30	7.50					
8	6101M08-H	15.15	10.55	8.75					
9	6101M09-H	16.40	11.80	10.00					
10	6101M10-H	17.65	13.05	11.25					
11	6101M11-H	18.90	14.30	12.50					

**SPECIFICATIONS**

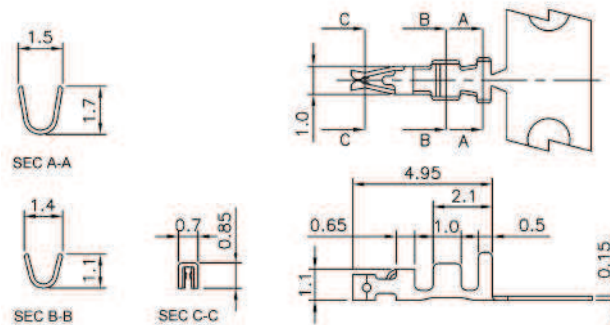
Voltage Rating: 100 V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

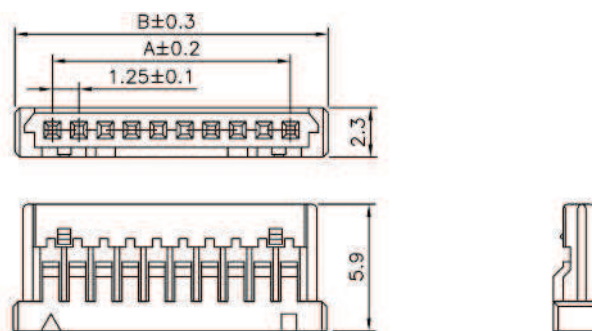
Applicable wires: AWG 28 ~ 32
 Material: Phosphor Bronze
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 2-30
 Material: Nylon 66, UL 94V-0
 Qty: 1000 pcs/bag



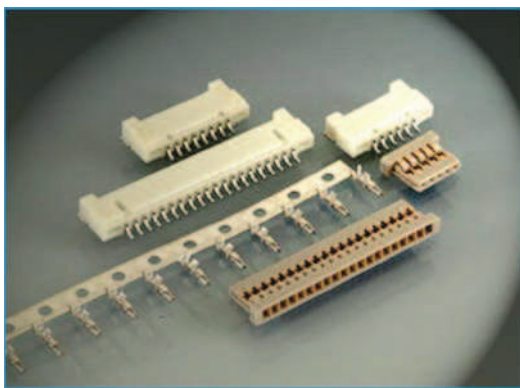
App. Wires	Part No.	Material	Finish	Q.ty/reel	App. Wires	Part No.	Material	Finish	Q.ty/reel
AWG 28-32	6159T	Phosp.bronze	Tin pl.	15000					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6159F02	1.25	4.45	20	6159F20	23.75	26.95
3	6159F03	2.50	5.70	25	6159F25	30.00	33.20
4	6159F04	3.75	6.95	30	6159F30	36.25	39.45
5	6159F05	5.00	8.20				
6	6159F06	6.25	9.45				
7	6159F07	7.50	10.70				
8	6159F08	8.75	11.95				
9	6159F09	10.00	13.20				
10	6159F10	11.25	14.15				
15	6159F15	17.50	20.70				

CABLING CONNECTORS

1,25 mm pitch - wire to board connectors - 6159

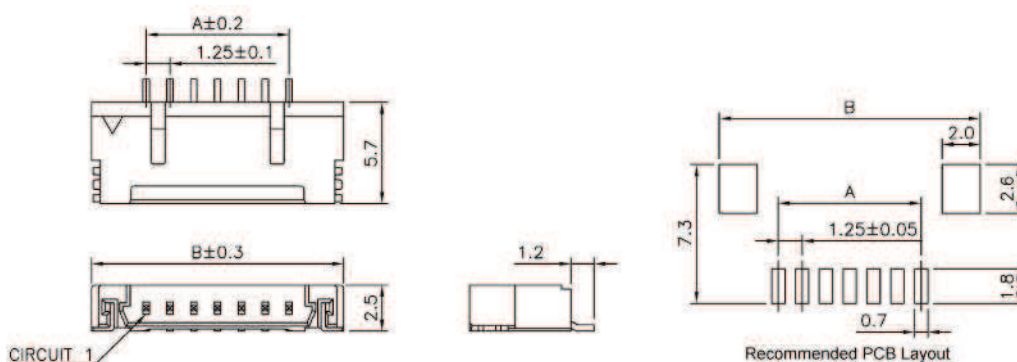


SPECIFICATIONS

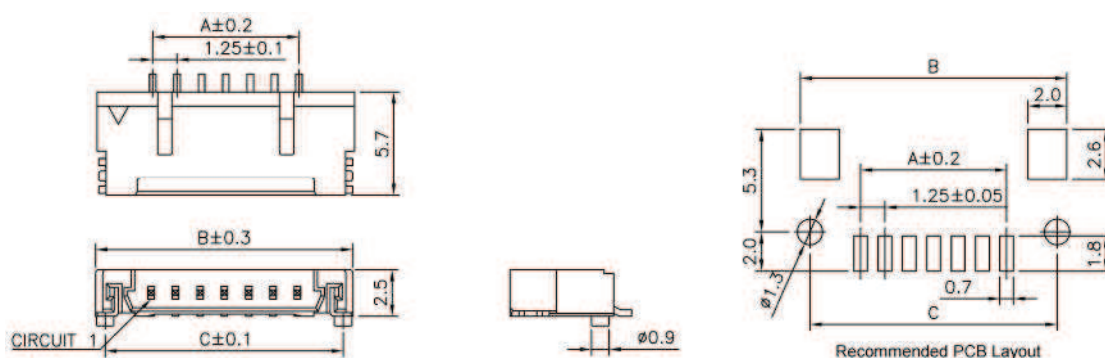
Voltage Rating: 100 V AC/DC
 Current Rating: 1A AC/DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

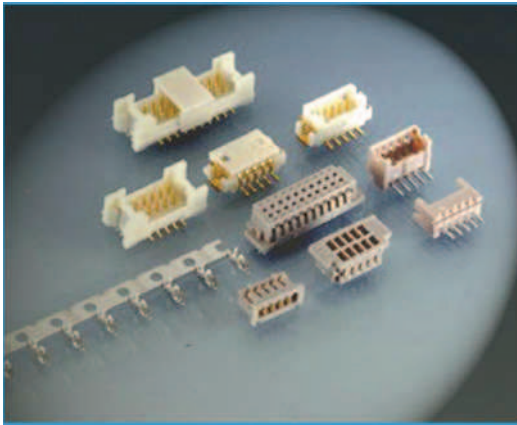
Poles: 2-30
 Material (base): Nylon 46, UL94V-0
 Material (post): Phosphor bronze, Tin plated
 Q.ty: 1000 pcs/reel



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6159M02-H	1.25	7.45	20	6159M20-H	23.75	29.95
3	6159M03-H	2.50	8.70	25	6159M25-H	30.00	36.20
4	6159M04-H	3.75	9.95	30	6159M30-H	36.25	42.45
5	6159M05-H	5.00	11.20				
6	6159M06-H	6.25	12.45				
7	6159M07-H	7.50	13.70				
8	6159M08-H	8.75	14.95				
9	6159M09-H	10.00	16.20				
10	6159M10-H	11.25	17.45				
15	6159M15-H	13.75	19.95				



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6159M02-HP	1.25	7.45	--	20	6159M20-HP	23.75	29.95	28.95
3	6159M03-HP	2.50	8.70	--	25	6159M25-HP	30.00	36.20	35.20
4	6159M04-HP	3.75	9.95	--	30	6159M30-HP	36.25	42.45	41.45
5	6159M05-HP	5.00	11.20	10.20					
6	6159M06-HP	6.25	12.45	11.45					
7	6159M07-HP	7.50	13.70	12.70					
8	6159M08-HP	8.75	14.95	13.95					
9	6159M09-HP	10.00	16.20	15.20					
10	6159M10-HP	11.25	17.45	16.45					
15	6159M15-HP	13.75	19.95	18.95					

**SPECIFICATIONS**

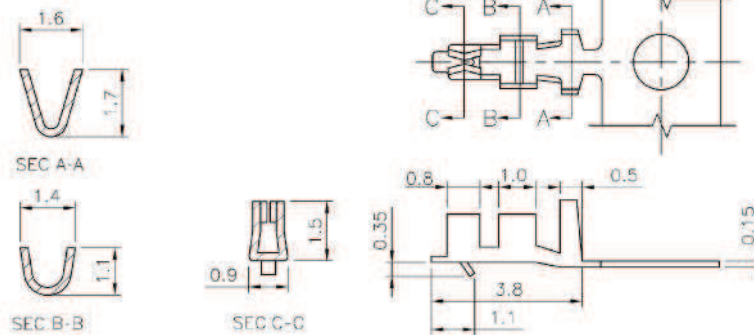
Voltage Rating: 150V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 30 mΩ max.

TERMINAL

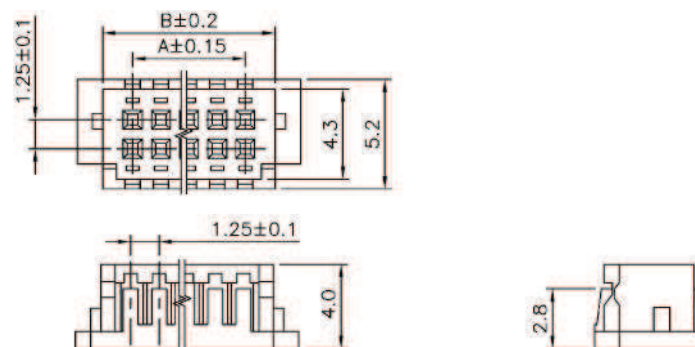
Applicable wires: AWG 28 ~ 32
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 10-40
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Material	Finish	Q.ty
AWG 28-32	6163T	Phosp.bronze	Tin plated	15.000/reel

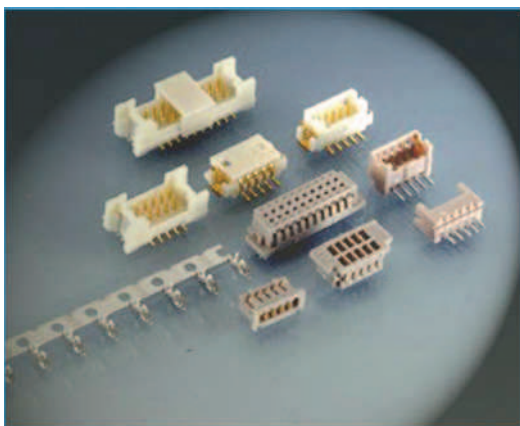


Poles	Part No.	A (mm)	B (mm)
10	6163F205	5.00	8.01
20	6163F210	11.25	14.26
30	6163F215	17.50	20.51
40	6163F220	23.75	26.76

CABLING CONNECTORS

1,25 mm pitch - wire to board connectors - 6163

L

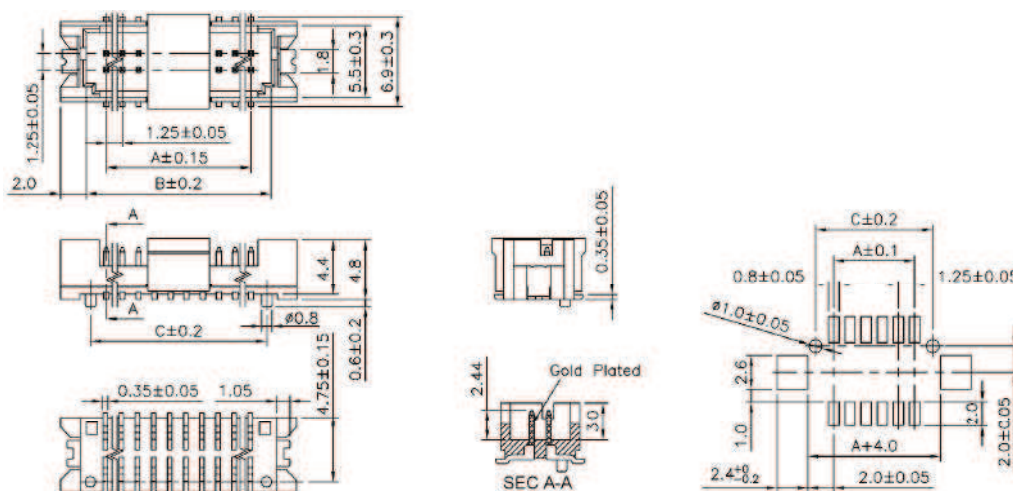


SPECIFICATIONS

Voltage Rating: 150V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 500 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 30 m Ω max.

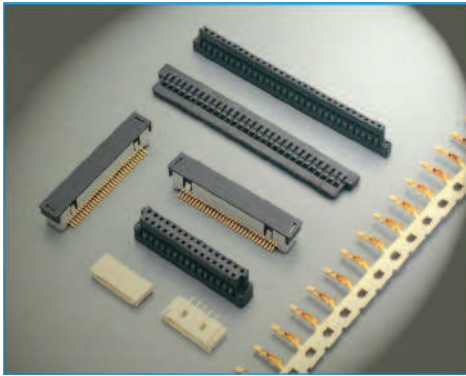
HEADER

Poles: 10-40
 Material (base): Nylon 9T, UL94V-0
 Material (post): Brass, Tin plated
 Q.ty: 900 pcs/reel



Poles	Part No.	A (mm)	B (mm)
10	6163M205-V	5.00	8.09
20	6163M210-V	11.25	14.34
30	6163M215-V	17.50	20.59
40	6163M220-V	23.75	26.84

For Gold plated option, please contact us.

**SPECIFICATIONS**

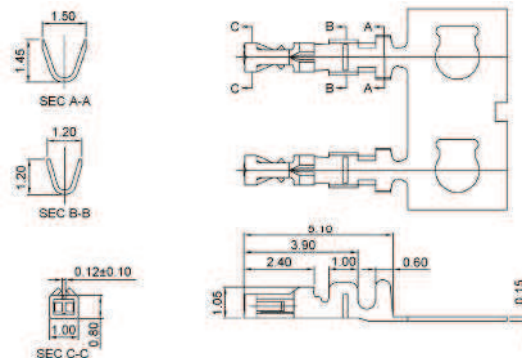
Voltage Rating: 200 V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 100 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 40 mΩ max.

TERMINAL

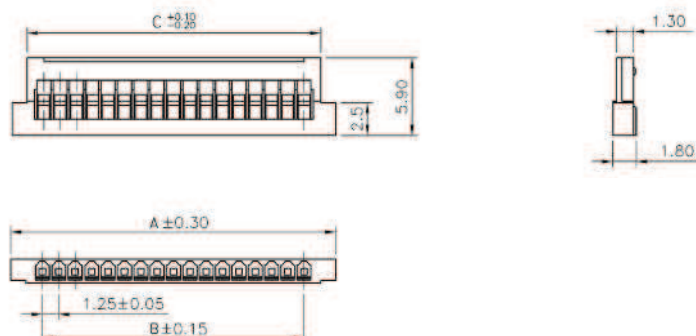
Applicable wires: AWG 28 ~ 32
 Material: Phosphor Bronze
 Q.ty: 15000 pcs/reel
 Finish: Tin plated (gold pl. upon request)

HOUSING

Poles: 2-30
 Material: Nylon 66, UL 94V-0
 Qty: 1000 pcs/bag



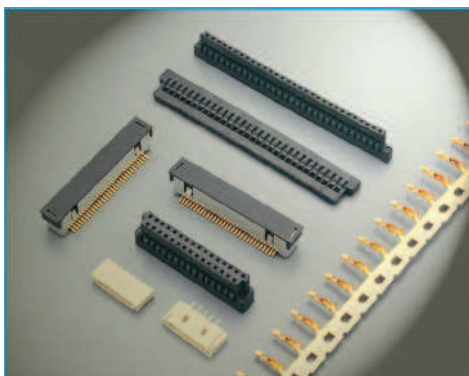
App. Wires	Part No.	Material	Finish	Q.ty/reel	App. Wires	Part No.	Material	Finish	Q.ty/reel
AWG 28-32	6169T	Phosp.bronze	Tin pl.	15000					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6169F02	6.00	1.25	3.80	14	6169F14	21.00	16.25	18.80
3	6169F03	7.25	2.50	5.05	15	6169F15	22.25	17.50	20.05
4	6169F04	8.50	3.75	6.30	20	6169F20	28.50	23.75	26.30
5	6169F05	9.75	5.00	7.55	25	6169F25	34.75	30.00	32.55
6	6169F06	11.00	6.25	8.80	30	6169F30	41.00	36.25	38.80
7	6169F07	12.25	7.50	10.05					
8	6169F08	13.50	8.75	11.30					
9	6169F09	14.75	10.00	12.55					
10	6169F10	16.00	11.25	13.80					
12	6169F12	18.50	13.75	16.30					

CABLING CONNECTORS

1,25 mm pitch - wire to board connectors - 6169

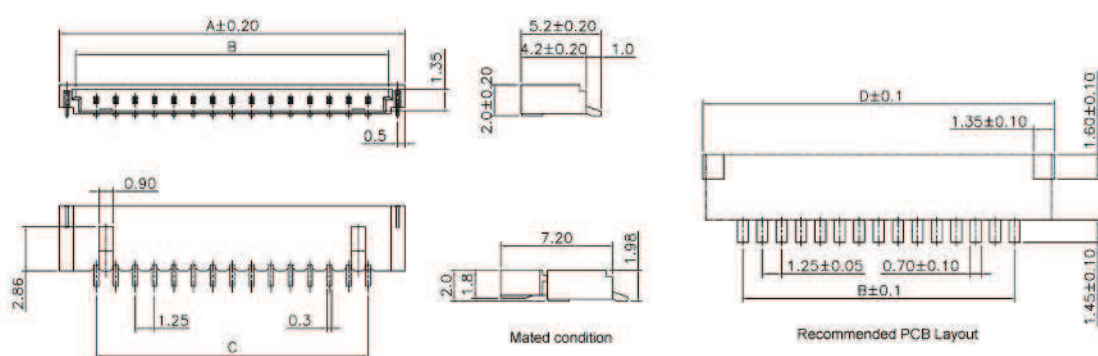


SPECIFICATIONS

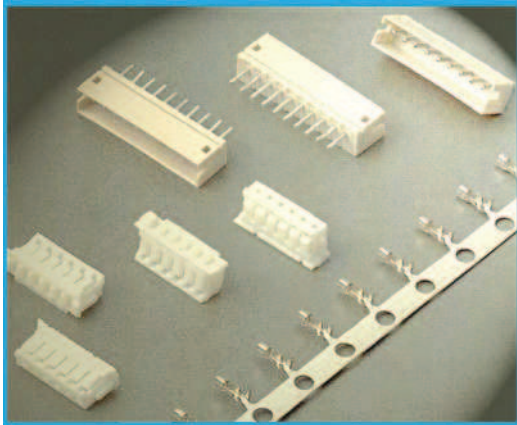
Voltage Rating: 200 V AC/DC
 Current Rating: 1A AC/DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 100 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

Poles: 2-30
 Material (base): Nylon 46, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 2000 pcs/reel



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6169M02-H	6.00	3.90	1.25	6.40
3	6169M03-H	7.25	5.15	2.50	7.65
4	6169M04-H	8.50	6.40	3.75	8.90
5	6169M05-H	9.75	7.65	5.00	10.15
6	6169M06-H	11.00	8.90	6.25	11.40
7	6169M07-H	12.25	10.15	7.50	12.65
8	6169M08-H	13.50	11.40	8.75	13.90
9	6169M09-H	14.75	12.65	10.00	15.15
10	6169M10-H	16.00	13.90	11.25	16.40
12	6169M12-H	18.50	16.40	13.75	18.90
14	6169M14-H	21.00	18.90	16.25	21.40
15	6169M15-H	22.25	20.15	17.50	22.65
16	6169M16-H	23.50	21.40	18.75	23.90
17	6169M17-H	24.75	22.65	20.00	25.15
18	6169M18-H	26.00	23.90	21.25	26.40
19	6169M19-H	27.25	25.15	22.50	27.65
20	6169M20-H	28.50	26.40	23.75	28.90
25	6169M25-H	34.75	32.65	30.00	35.15
30	6169M30-H	41.00	38.90	36.25	41.40

**SPECIFICATIONS**

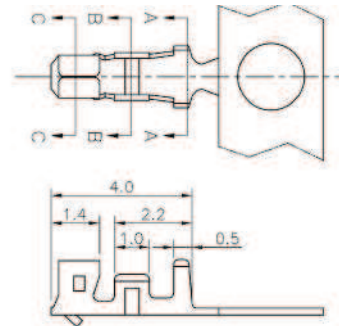
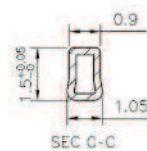
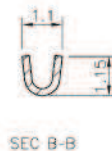
Voltage Rating: 50V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

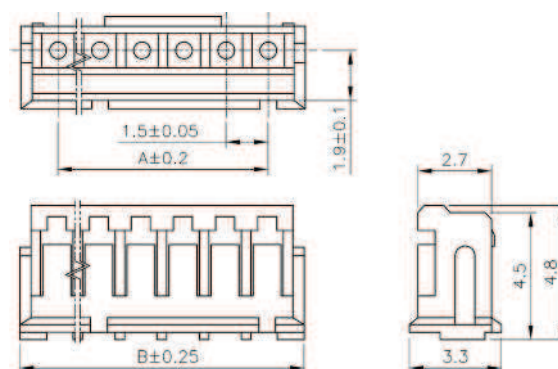
Applicable wires: AWG 28 ~ 32
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 2-13
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



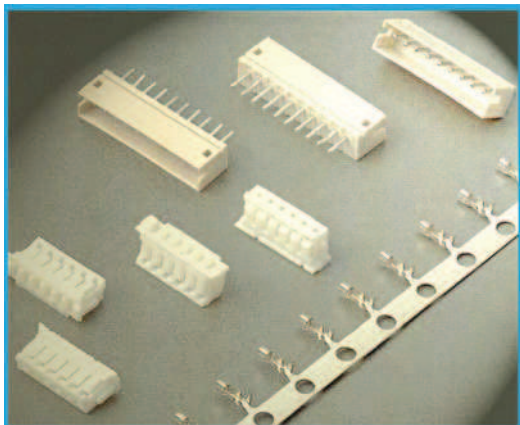
App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 28-32	6146T	Phosp.bronze	Tin pl.	15000					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6146F02	1.50	4.50	12	6146F12	16.50	19.50
3	6146F03	3.00	6.00	13	6146F13	18.00	21.00
4	6146F04	4.50	7.50				
5	6146F05	6.00	9.00				
6	6146F06	7.50	10.50				
7	6146F07	9.00	12.00				
8	6146F08	10.50	13.50				
9	6146F09	12.00	15.00				
10	6146F10	13.50	16.50				
11	6146F11	15.00	18.00				

CABLING CONNECTORS

1,5 mm pitch - wire to board connectors - 6146

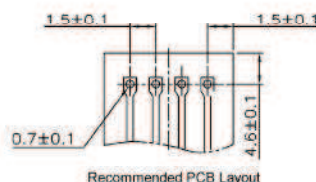
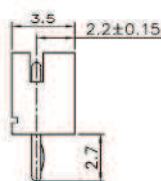
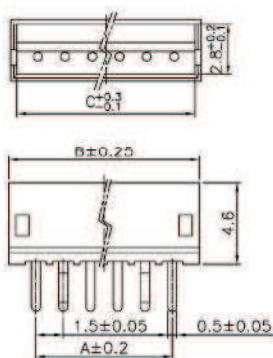


SPECIFICATIONS

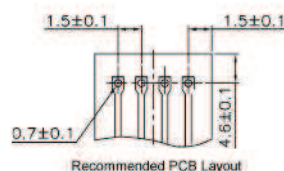
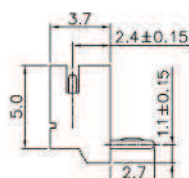
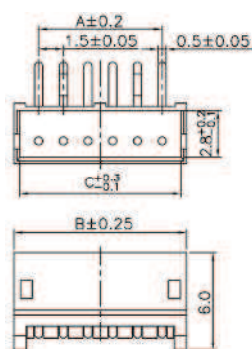
Voltage Rating: 50V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

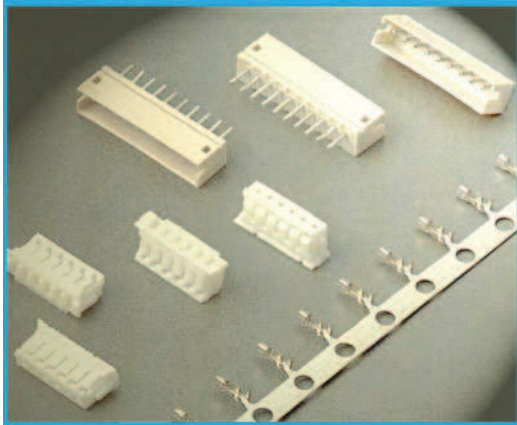
Poles: 2-13
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6146M02-S	1.50	4.50	12	6146M12-S	16.50	19.50
3	6146M03-S	3.00	6.00	13	6146M13-S	18.00	21.00
4	6146M04-S	4.50	7.50				
5	6146M05-S	6.00	9.00				
6	6146M06-S	7.50	10.50				
7	6146M07-S	9.00	12.00				
8	6146M08-S	10.50	13.50				
9	6146M09-S	12.00	15.00				
10	6146M10-S	13.50	16.50				
11	6146M11-S	15.00	18.00				



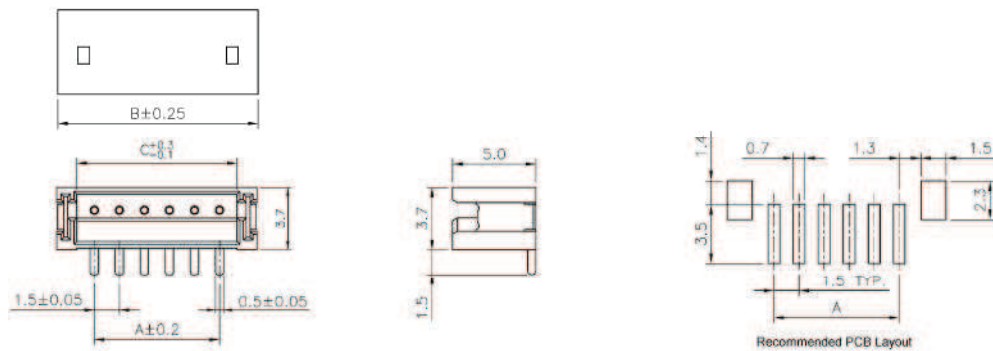
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6146M02-R	1.50	4.50	12	6146M12-R	16.50	19.50
3	6146M03-R	3.00	6.00	13	6146M13-R	18.00	21.00
4	6146M04-R	4.50	7.50				
5	6146M05-R	6.00	9.00				
6	6146M06-R	7.50	10.50				
7	6146M07-R	9.00	12.00				
8	6146M08-R	10.50	13.50				
9	6146M09-R	12.00	15.00				
10	6146M10-R	13.50	16.50				
11	6146M11-R	15.00	18.00				

**SPECIFICATIONS**

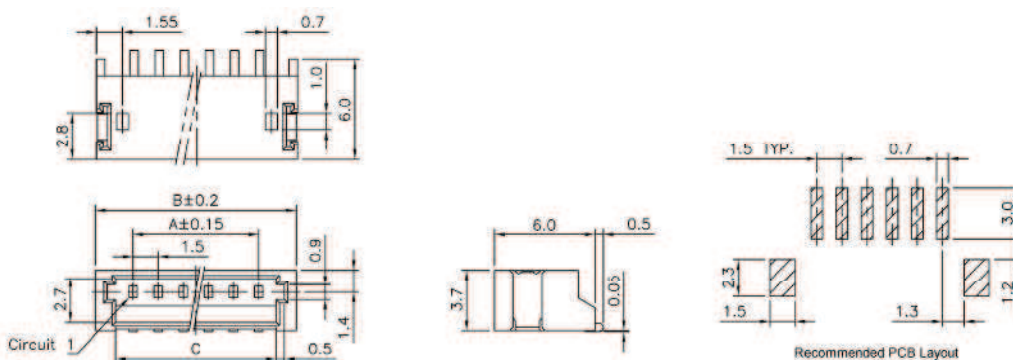
Voltage Rating: 50V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

Poles: 2-13
 Material (base): Nylon 9T, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/reel



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6146M02-V	1.50	6.00	3.60	12	6146M12-V	16.50	21.00	18.60
3	6146M03-V	3.00	7.50	5.10	13	6146M13-V	18.00	22.50	20.10
4	6146M04-V	4.50	9.00	6.60					
5	6146M05-V	6.00	10.50	8.10					
6	6146M06-V	7.50	12.00	9.60					
7	6146M07-V	9.00	13.50	11.10					
8	6146M08-V	10.50	15.00	12.60					
9	6146M09-V	12.00	16.50	14.10					
10	6146M10-V	13.50	18.00	15.60					
11	6146M11-V	15.00	19.50	17.10					

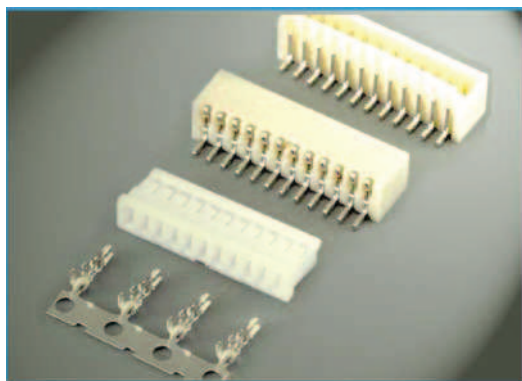


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6146M02-H	1.50	6.00	3.60	12	6146M12-H	16.50	21.00	18.60
3	6146M03-H	3.00	7.50	5.10	13	6146M13-H	18.00	22.50	20.10
4	6146M04-H	4.50	9.00	6.60					
5	6146M05-H	6.00	10.50	8.10					
6	6146M06-H	7.50	12.00	9.60					
7	6146M07-H	9.00	13.50	11.10					
8	6146M08-H	10.50	15.00	12.60					
9	6146M09-H	12.00	16.50	14.10					
10	6146M10-H	13.50	18.00	15.60					
11	6146M11-H	15.00	19.50	17.10					

CABLING CONNECTORS

1,5 mm pitch - wire to board connectors - 6173

L



SPECIFICATIONS

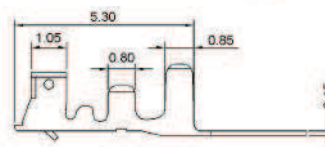
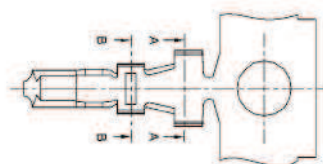
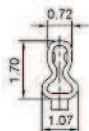
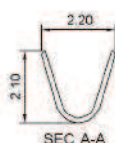
Voltage Rating: 350V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

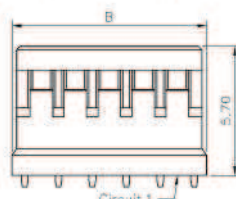
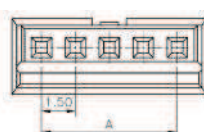
Applicable wires: AWG 24 ~ 28
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

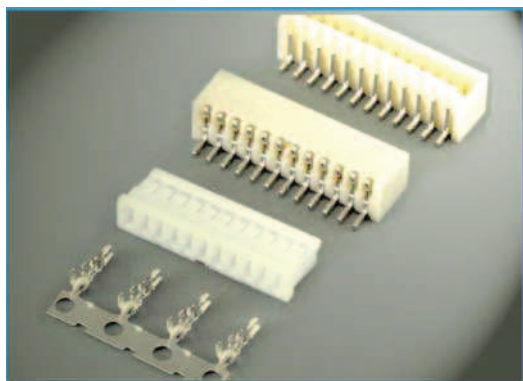
Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty/reel	App. Wires	Part No.	Material	Finish	Q.ty/reel
AWG 24-28	6173T	Phosp.bronze	Tin pl.	15000					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6173F02	1.50	4.10	12	6173F12	16.50	19.10
3	6173F03	3.00	5.60	13	6173F13	18.00	20.60
4	6173F04	4.50	7.10	14	6173F14	19.50	22.10
5	6173F05	6.00	8.60	15	6173F15	21.00	23.60
6	6173F06	7.50	10.10				
7	6173F07	9.00	11.60				
8	6173F08	10.50	13.10				
9	6173F09	12.00	14.60				
10	6173F10	13.50	16.10				
11	6173F11	15.00	17.60				

**SPECIFICATIONS**

Voltage Rating: 350V AC,DC

Current Rating: 3A AC,DC

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

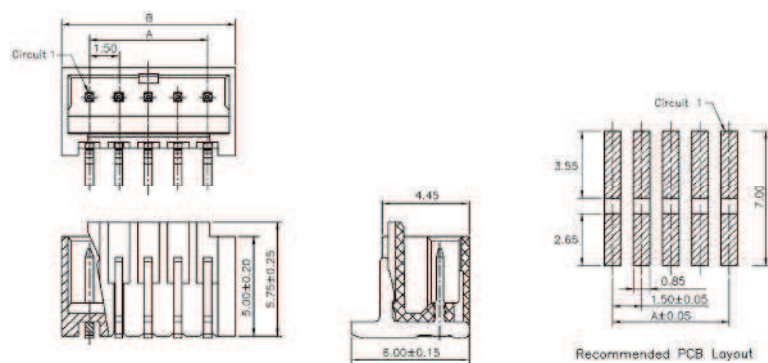
HEADER

Poles: 2-15

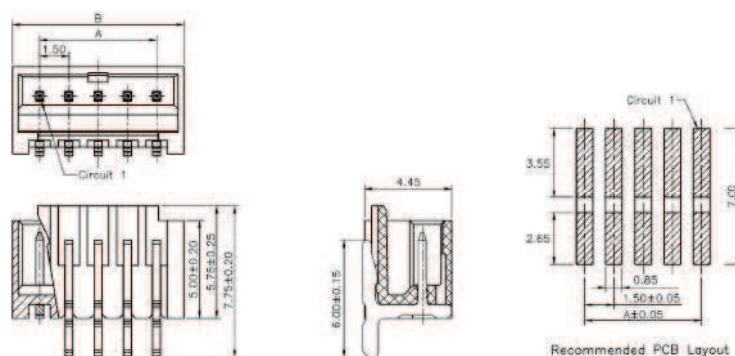
Material (base): Nylon 6T, UL 94V-0

Material (post): Brass, Tin plated

Q.ty: 1000 pcs/reel



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6173M02-V	1.50	4.30	12	6173M12-V	16.50	19.30
3	6173M03-V	3.00	5.80	13	6173M13-V	18.00	20.80
4	6173M04-V	4.50	7.30	14	6173M14-V	19.50	22.30
5	6173M05-V	6.00	8.80	15	6173M15-V	21.00	23.80
6	6173M06-V	7.50	10.30				
7	6173M07-V	9.00	11.80				
8	6173M08-V	10.50	13.30				
9	6173M09-V	12.00	14.80				
10	6173M10-V	13.50	16.30				
11	6173M11-V	15.00	17.80				

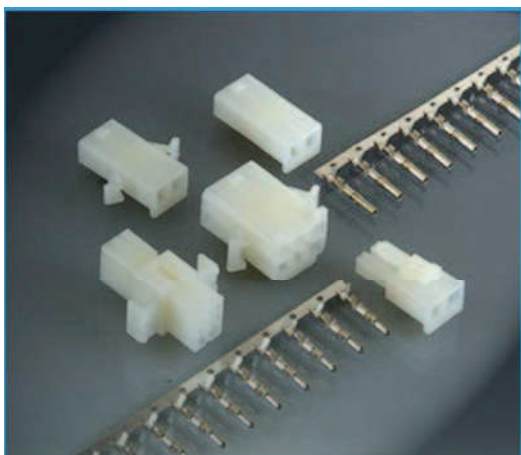


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6173M02-H	1.50	4.30	12	6173M12-H	16.50	19.30
3	6173M03-H	3.00	5.80	13	6173M13-H	18.00	20.80
4	6173M04-H	4.50	7.30	14	6173M14-H	19.50	22.30
5	6173M05-H	6.00	8.80	15	6173M15-H	21.00	23.80
6	6173M06-H	7.50	10.30				
7	6173M07-H	9.00	11.80				
8	6173M08-H	10.50	13.30				
9	6173M09-H	12.00	14.80				
10	6173M10-H	13.50	16.30				
11	6173M11-H	15.00	17.80				

CABLING CONNECTORS

1,58 mm dia. - wire to wire connectors - 6123

L



SPECIFICATIONS

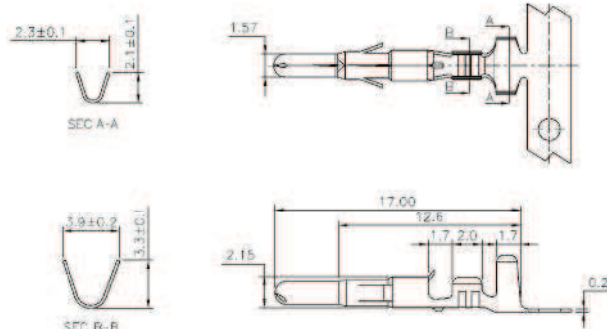
Voltage Rating: 250V AC/DC
Current Rating: 5A AC, DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

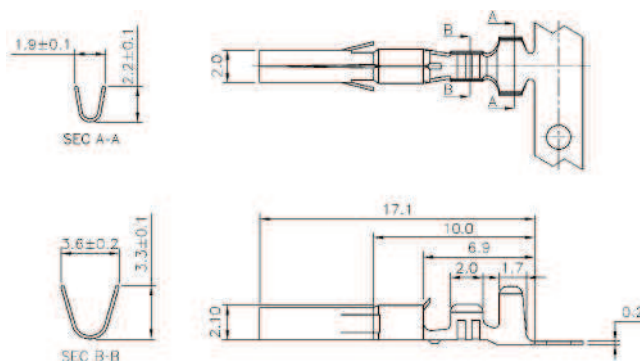
Applicable wires: AWG 18~24
Material: Copper alloy
Finish: Tin plated
Q.ty: 7000 pcs/reel

HOUSING

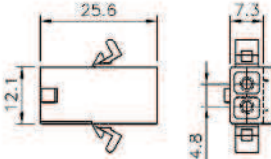
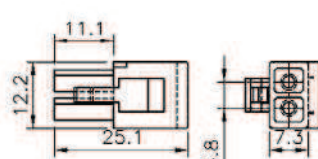
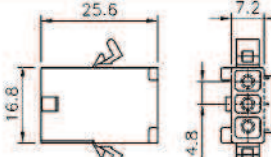
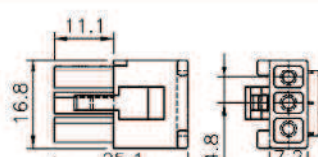
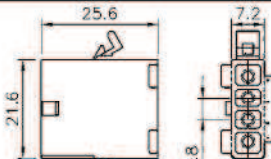
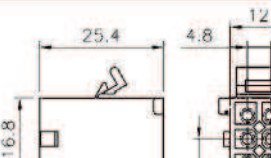
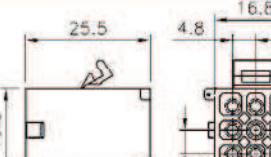
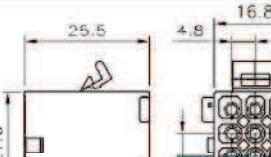
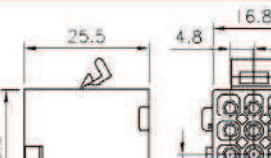
Poles: 2,3,4,6,9,12,15
Material: Nylon 66, UL 94V-2
Q.ty: 1000 pcs/bag



Appllicable Wires	Part No.	Type	Q.ty
AWG 18-24	6123TP	male	7,000pcs/reel



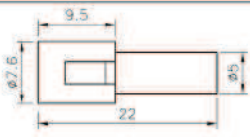
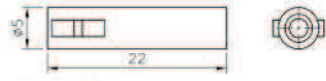
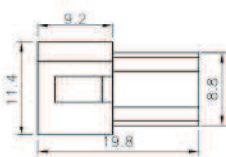
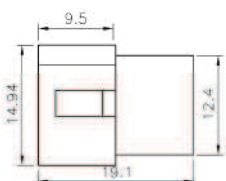
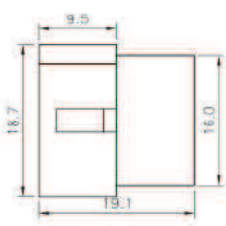
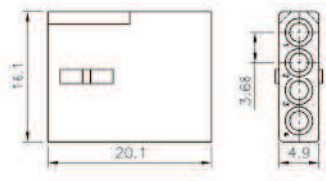
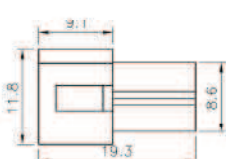
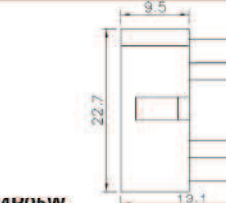
Appllicable wires	Part No.	Type	Q.ty
AWG 18-24	6123TR	female	7000pcs/reel

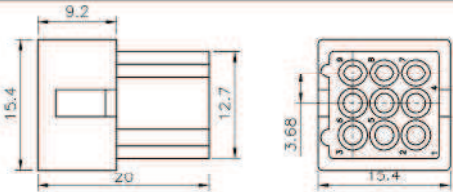
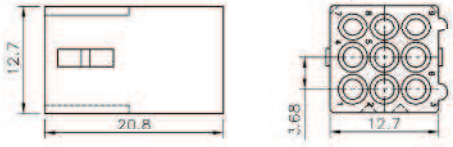
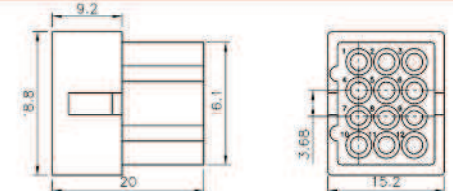
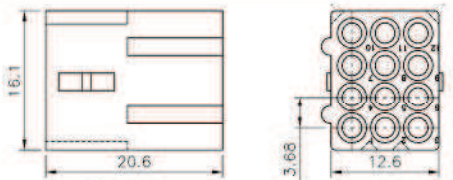
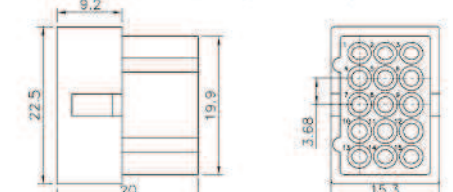
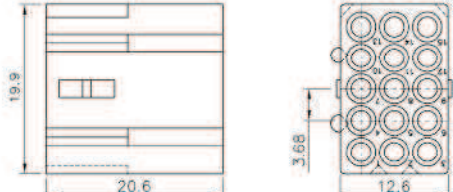
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
2	5A	250V	 6123P02W 6123P02WO (w/o Mtg. Ears)	 6123R02WO (w/o Mtg. Ears)
3	5A	250V	 6123P03W 6123P03WO (w/o Mtg. Ears)	 6123R03WO (w/o Mtg. Ears)
4	5A	250V	 6123P04W 6123P04WO (w/o Mtg. Ears)	 6123R04WO (w/o Mtg. Ears)
6	5A	250V	 6123P06W 6123P06WO (w/o Mtg. Ears)	 6123R06WO (w/o Mtg. Ears)
9	5A	250V	 6123P09W 6123P09WO (w/o Mtg. Ears)	 6123R09WO (w/o Mtg. Ears)
12	5A	250V	 6123P12W 6123P12WO (w/o Mtg. Ears)	 6123R12WO (w/o Mtg. Ears)
15	5A	250V	 6123P15W 6123P15WO (w/o Mtg. Ears)	 6123R15WO (w/o Mtg. Ears)

CABLING CONNECTORS

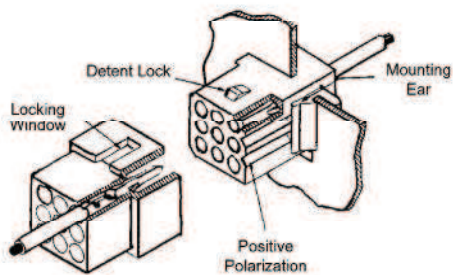
1,58 mm dia. - wire to wire connectors - 6124

L

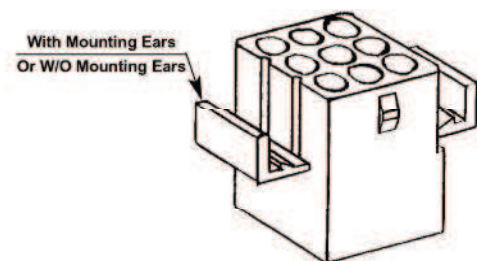
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
1	5A	250V	 6124P01WO	 6124R01WO
2	5A	250V	 6124P02W 6124P02WO (w/o Mtg. Ears)	 6124R02W 6124R02WO (w/o Mtg. Ears)
3	5A	250V	 6124P03W 6124P03WO (w/o Mtg. Ears)	 6124R03W 6124R03WO (w/o Mtg. Ears)
4	5A	250V	 6124P04W 6124P04WO (w/o Mtg. Ears)	 6124R04W 6124R04WO (w/o Mtg. Ears)
4	5A	250V	 6124PV04W 6124PV04WO (w/o Mtg. Ears)	 6124RV04W 6124RV04WO (w/o Mtg. Ears)
5	5A	250V	 6124P05W 6124P05WO (w/o Mtg. Ears)	 6124R05W 6124R05WO (w/o Mtg. Ears)
6	5A	250V	 6124P06W 6124P06WO (w/o Mtg. Ears)	 6124R06W 6124R06WO (w/o Mtg. Ears)

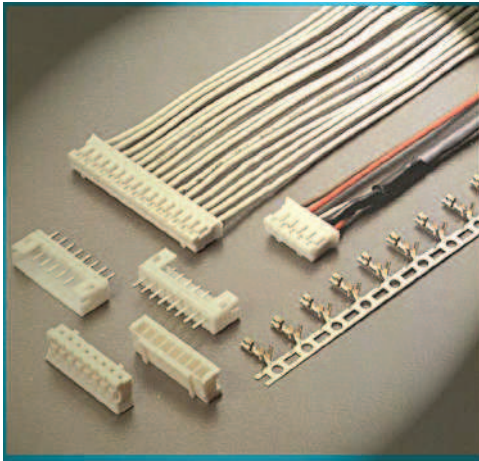
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
9	5A	250V	 6124P09W 6124P09WO (w/o Mtg. Ears)	 6124R09W 6124R09WO (w/o Mtg. Ears)
12	5A	250V	 6124P12W 6124P12WO (w/o Mtg. Ears)	 6124R12W 6124R12WO (w/o Mtg. Ears)
15	5A	250V	 6124P15W 6124P15WO (w/o Mtg. Ears)	 6124R15W 6124R15WO (w/o Mtg. Ears)

RECEPTACLE FOR 6123TR



PLUG FOR 6123TP



**SPECIFICATIONS**

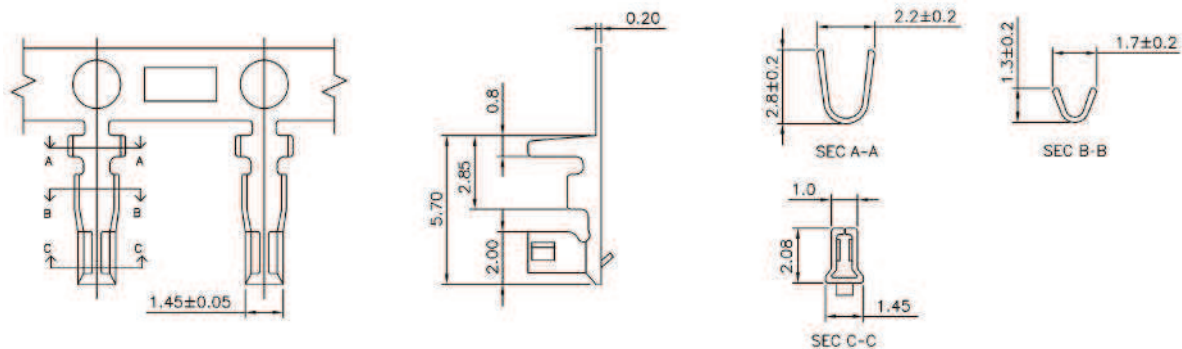
Voltage Rating: 250V AC,DC
 Current rating: 2A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 mΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

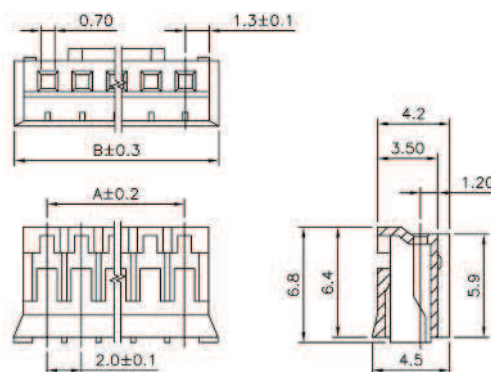
Applicable wires: AWG 22 ~ 28
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-16
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No.	Material	Finish	Q.ty	App. Wire	Part No.	Material	Finish	Q.ty
AWG 22-28	6103T	Phosp. bronze	Tin pl.	10000					

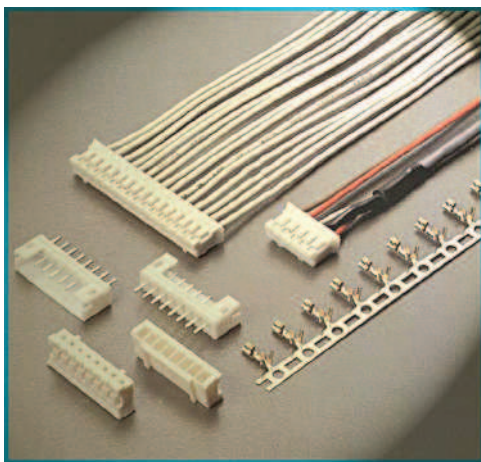


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6103F02	2.00	5.80	12	6103F12	22.00	25.80
3	6103F03	4.00	7.80	13	6103F13	24.00	27.80
4	6103F04	6.00	9.80	14	6103F14	26.00	29.80
5	6103F05	8.00	11.80	15	6103F15	28.00	31.80
6	6103F06	10.00	13.80	16	6103F16	30.00	33.80
7	6103F07	12.00	15.80				
8	6103F08	14.00	17.80				
9	6103F09	16.00	19.80				
10	6103F10	18.00	21.80				
11	6103F11	20.00	23.80				

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6103

L

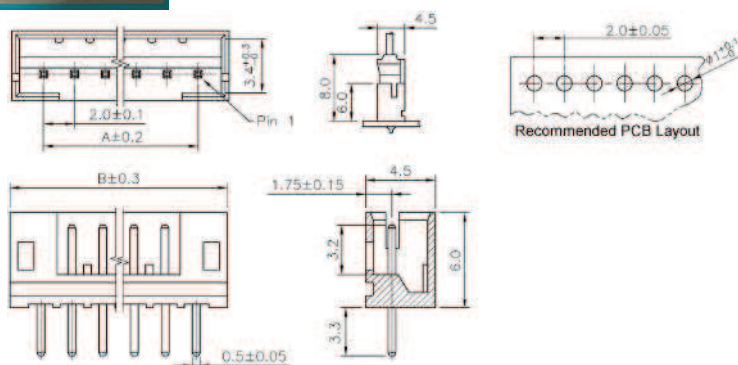


SPECIFICATIONS

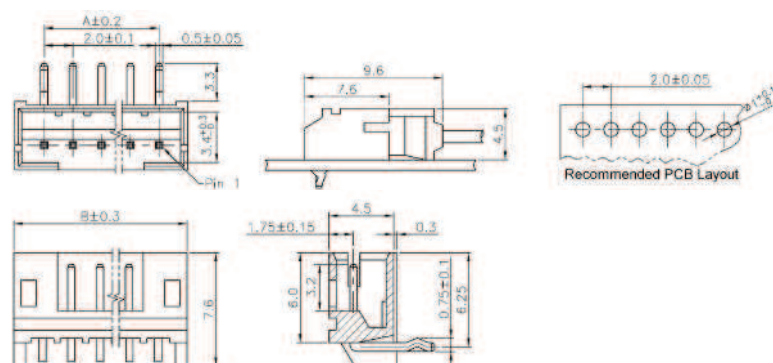
Voltage Rating: 250V AC,DC
 Current Rating: 2A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 MΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

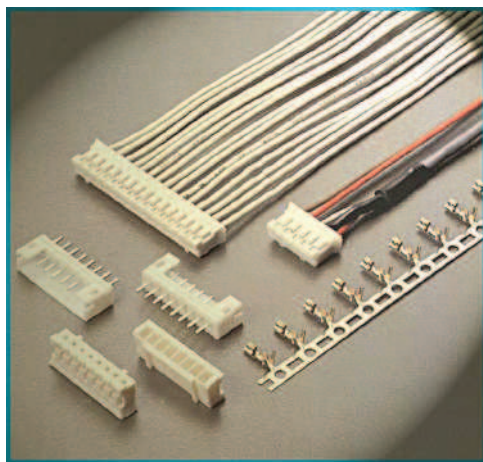
Poles: 2-16
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6103M02-S	2.00	6.00	12	6103M12-S	22.00	26.00
3	6103M03-S	4.00	8.00	13	6103M13-S	24.00	28.00
4	6103M04-S	6.00	10.00	14	6103M14-S	26.00	30.00
5	6103M05-S	8.00	12.00	15	6103M15-S	28.00	32.00
6	6103M06-S	10.00	14.00	16	6103M16-S	30.00	34.00
7	6103M07-S	12.00	16.00				
8	6103M08-S	14.00	18.00				
9	6103M09-S	16.00	20.00				
10	6103M10-S	18.00	22.00				
11	6103M11-S	20.00	24.00				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6103M02-R	2.00	6.00	12	6103M12-R	22.00	26.00
3	6103M03-R	4.00	8.00	13	6103M13-R	24.00	28.00
4	6103M04-R	6.00	10.00	14	6103M14-R	26.00	30.00
5	6103M05-R	8.00	12.00	15	6103M15-R	28.00	32.00
6	6103M06-R	10.00	14.00	16	6103M16-R	30.00	34.00
7	6103M07-R	12.00	16.00				
8	6103M08-R	14.00	18.00				
9	6103M09-R	16.00	20.00				
10	6103M10-R	18.00	22.00				
11	6103M11-R	20.00	24.00				

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 2A AC,DC

Withstanding Voltage: 800V AC/minute

Insulation Resistance: 1000 MΩ min

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

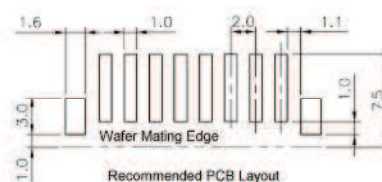
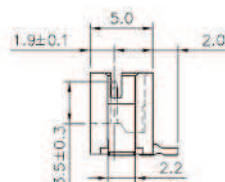
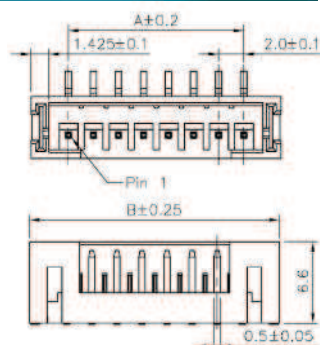
HEADER

Poles: 2-16/13

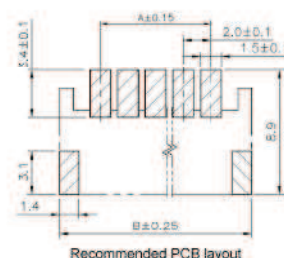
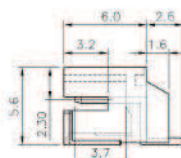
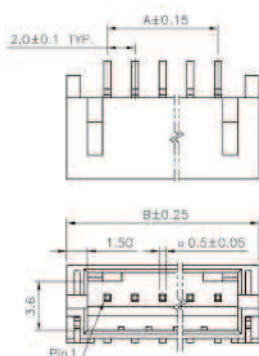
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

Q.ty: 1000 pcs/reel



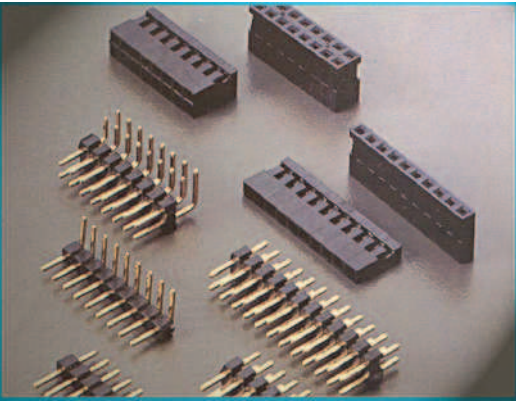
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6103M02-V	2.00	7.95	12	6103M12-V	22.00	27.95
3	6103M03-V	4.00	9.95	13	6103M13-V	24.00	29.95
4	6103M04-V	6.00	11.95	14	6103M14-V	26.00	31.95
5	6103M05-V	8.00	13.95	15	6103M15-V	28.00	33.95
6	6103M06-V	10.00	15.95	16	6103M16-V	30.00	35.95
7	6103M07-V	12.00	17.95				
8	6103M08-V	14.00	19.95				
9	6103M09-V	16.00	21.95				
10	6103M10-V	18.00	23.95				
11	6103M11-V	20.00	25.95				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6103M02-H	2.00	8.00	12	6103M12-H	22.00	28.00
3	6103M03-H	4.00	10.00	13	6103M13-H	24.00	30.00
4	6103M04-H	6.00	12.00	14	6103M14-H	26.00	32.00
5	6103M05-H	8.00	14.00	15	6103M15-H	28.00	34.00
6	6103M06-H	10.00	16.00	16	6103M16-H	30.00	36.00
7	6103M07-H	12.00	18.00				
8	6103M08-H	14.00	20.00				
9	6103M09-H	16.00	22.00				
10	6103M10-H	18.00	24.00				
11	6103M11-H	20.00	26.00				

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6104

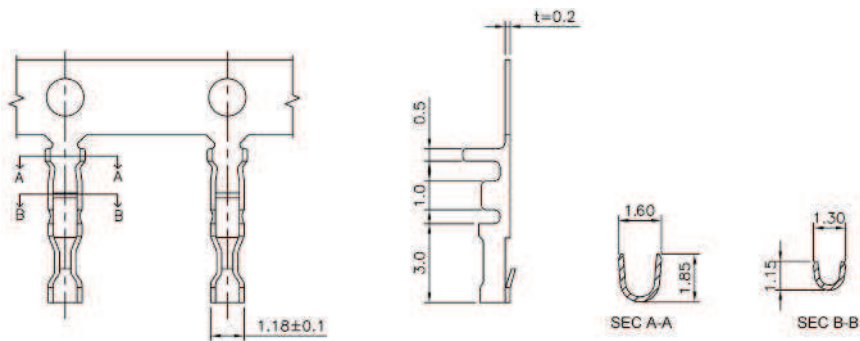


SPECIFICATIONS

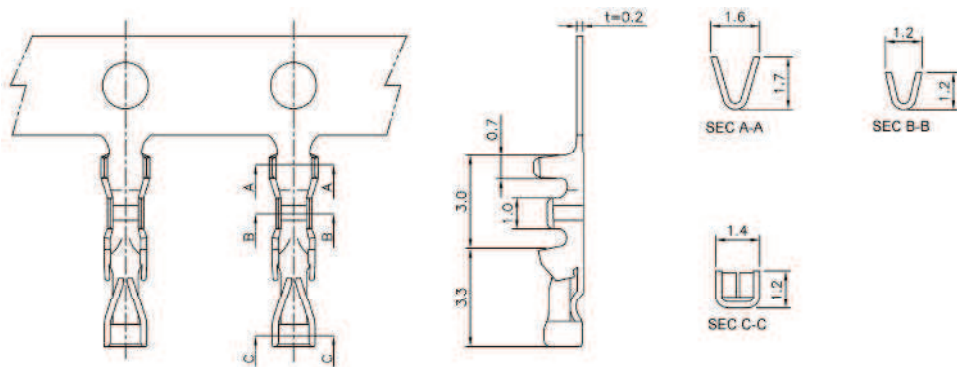
Voltage Rating: 250V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

TERMINAL

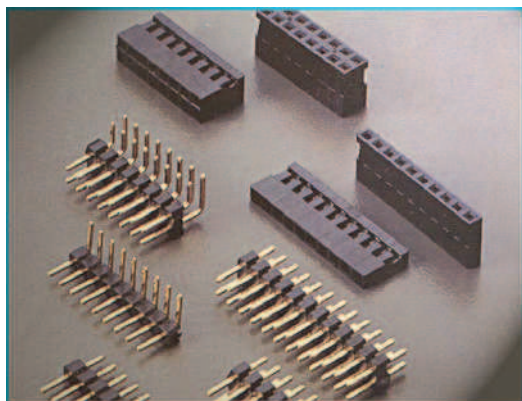
Applicable wires: AWG 26 ~ 30
 Material: Phosphor bronze
 Finish: Gold-flash (Gold in contact area)
 Q.ty: 10000 pcs/reel



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 26-30	6104T	Phos. bronze	Gold-flash	10.000/reel



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 26-30	6104TK	Phos. bronze	Gold-flash	10.000/reel

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 1A AC,DC

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +105°C

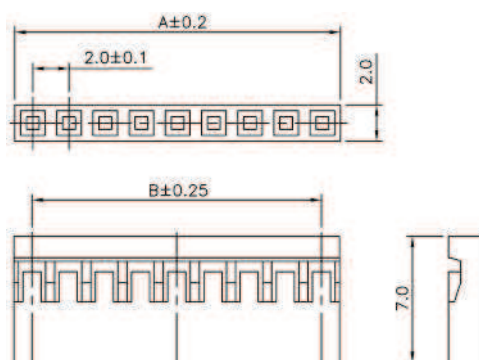
Contact Resistance: 20 m Ω max.**HOUSING**

Poles (Single row): 2-20

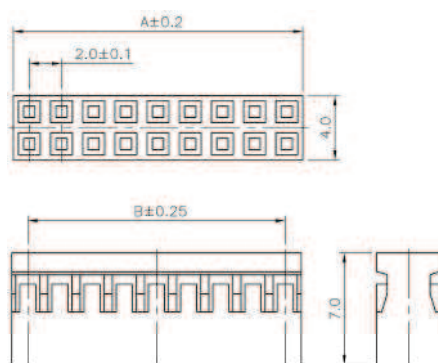
Poles (Double row): 4-40

Material: Noryl, UL 94V-1

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6104F102	4.00	2.00	12	6104F112	24.00	22.00
3	6104F103	6.00	4.00	13	6104F113	26.00	24.00
4	6104F104	8.00	6.00	14	6104F114	28.00	26.00
5	6104F105	10.00	8.00	15	6104F115	30.00	28.00
6	6104F106	12.00	10.00	16	6104F116	32.00	30.00
7	6104F107	14.00	12.00	17	6104F117	34.00	32.00
8	6104F108	16.00	14.00	18	6104F118	36.00	34.00
9	6104F109	18.00	16.00	19	6104F119	38.00	36.00
10	6104F110	20.00	18.00	20	6104F120	40.00	38.00
11	6104F111	22.00	20.00				

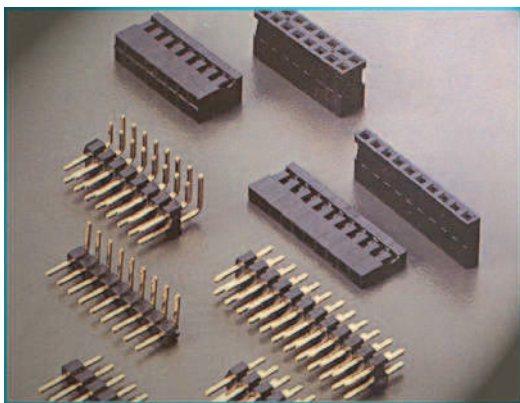


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6104F202	4.00	2.00	12	6104F212	24.00	22.00
3	6104F203	6.00	4.00	13	6104F213	26.00	24.00
4	6104F204	8.00	6.00	14	6104F214	28.00	26.00
5	6104F205	10.00	8.00	15	6104F215	30.00	28.00
6	6104F206	12.00	10.00	16	6104F216	32.00	30.00
7	6104F207	14.00	12.00	17	6104F217	34.00	32.00
8	6104F208	16.00	14.00	18	6104F218	36.00	34.00
9	6104F209	18.00	16.00	19	6104F219	38.00	36.00
10	6104F210	20.00	18.00	20	6104F220	40.00	38.00
11	6104F211	22.00	20.00				

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6104

L



SPECIFICATIONS

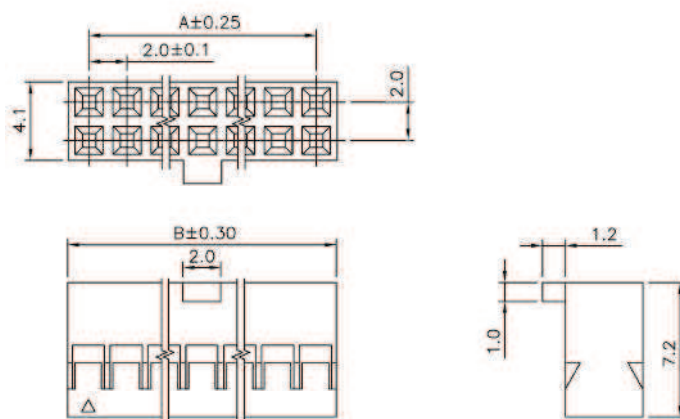
Voltage Rating: 250V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

FEATURES

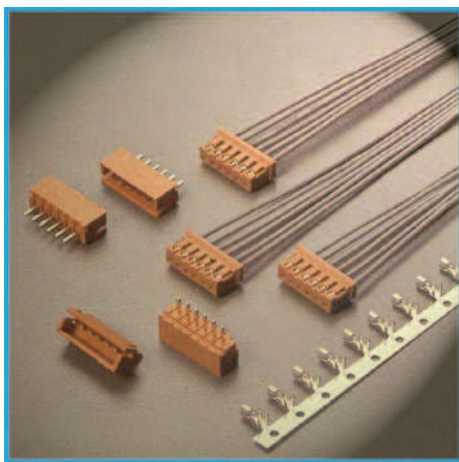
Mate with 0,5 mm square pin
 Accept 6104TK Crimp Terminal

HOUSING

Poles: 4-40 (Double row)
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)
4	6104F202-1	2.00	4.30
6	6104F203-1	4.00	6.30
8	6104F204-1	6.00	8.30
10	6104F205-1	8.00	10.30
12	6104F206-1	10.00	12.30
14	6104F207-1	12.00	14.30
16	6104F208-1	14.00	16.30
18	6104F209-1	16.00	18.30
20	6104F210-1	18.00	20.30
22	6104F211-1	20.00	22.30
24	6104F212-1	22.00	24.30
26	6104F213-1	24.00	26.30
28	6104F214-1	26.00	28.30
30	6104F215-1	28.00	30.30
32	6104F216-1	30.00	32.30
34	6104F217-1	32.00	34.30
36	6104F218-1	34.00	36.30
38	6104F219-1	36.00	38.30
40	6104F220-1	38.00	40.30

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 2A AC,DC

Withstanding Voltage: 500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires (6135TA): AWG 22~24

Applicable wires (6135TB): AWG 26~28

Material: Phosphor Bronze

Finish: Tin plated

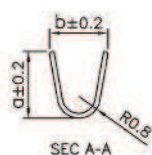
Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-15

Material: Nylon 66, UL 94V-0

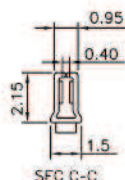
Q.ty: 1000 pcs/bag



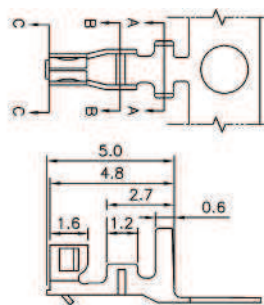
SEC A-A



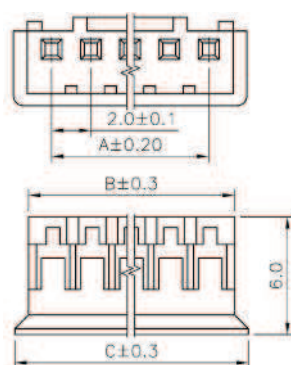
SEC B-B



SEC C-C



Appl. Wires	Part No.	a(mm)	b(mm)	c(mm)	d(mm)	Q.ty	Appl. Wires	Part No.	a(mm)	b(mm)	c(mm)	d(mm)	Q.ty
AWG 22~24	6135TA	2.50	2.05	2.05	1.85	10000							
AWG 26~28	6135TB	2.00	2.10	1.20	1.30	10000							

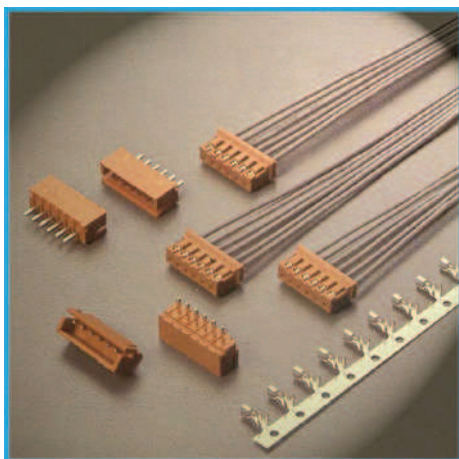


Poles	Part No.	a (mm)	b (mm)	c (mm)	Poles	Part No.	a (mm)	b (mm)	c (mm)
2	6135F02	2.00	4.50	5.60	12	6135F12	22.00	24.50	25.60
3	6135F03	4.00	6.50	7.60	13	6135F13	24.00	26.50	27.60
4	6135F04	6.00	8.50	9.60	14	6135F14	26.00	28.50	29.60
5	6135F05	8.00	10.50	11.60	15	6135F15	28.00	30.50	31.60
6	6135F06	10.00	12.50	13.60					
7	6135F07	12.00	14.50	15.60					
8	6135F08	14.00	16.50	17.60					
9	6135F09	16.00	18.50	19.60					
10	6135F10	18.00	20.50	21.60					
11	6135F11	20.00	22.50	23.60					

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6135

L

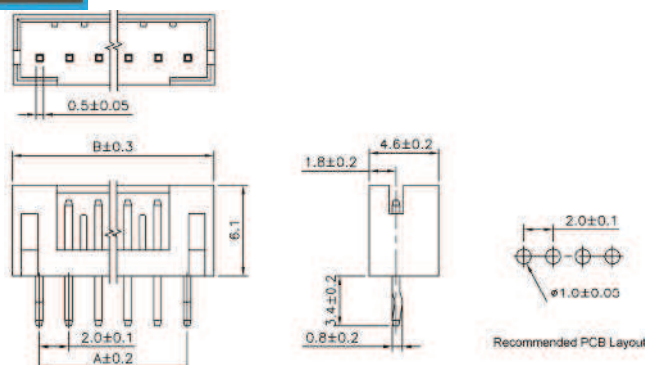


SPECIFICATIONS

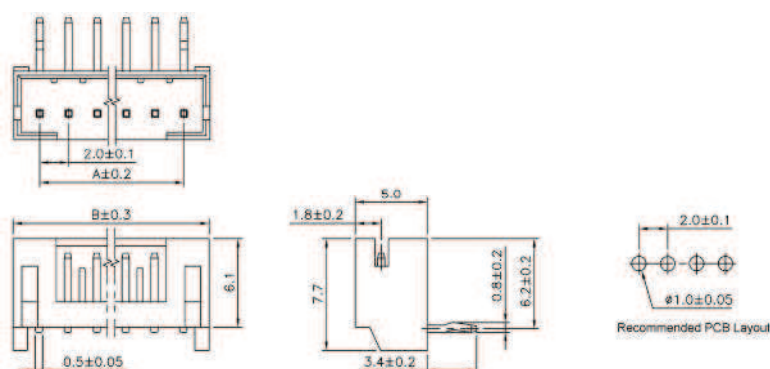
Voltage Rating: 250V AC/DC
 Current Rating: 2A, AC/DC
 Withstanding Voltage: 500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

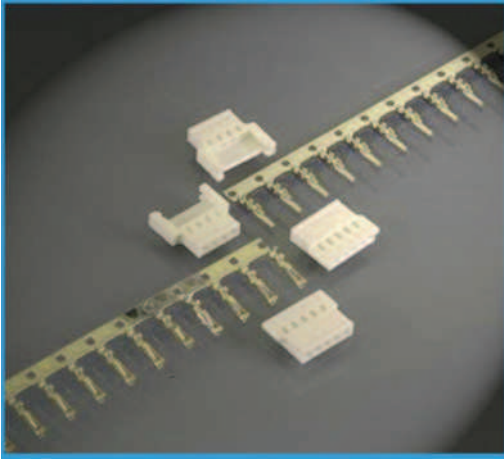
Poles: 2-15
 Material (base): Nylon UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6135M02-S	2.00	6.00	12	6135M12-S	22.00	26.00
3	6135M03-S	4.00	8.00	13	6135M13-S	24.00	28.00
4	6135M04-S	6.00	10.00	14	6135M14-S	26.00	30.00
5	6135M05-S	8.00	12.00	15	6135M15-S	28.00	32.00
6	6135M06-S	10.00	14.00				
7	6135M07-S	12.00	16.00				
8	6135M08-S	14.00	18.00				
9	6135M09-S	16.00	20.00				
10	6135M10-S	18.00	22.00				
11	6135M11-S	20.00	24.00				



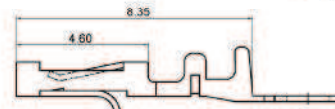
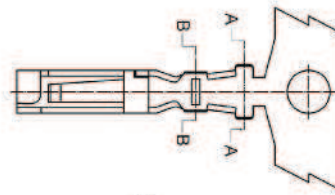
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6135M02-R	2.00	6.00	12	6135M12-R	22.00	26.00
3	6135M03-R	4.00	8.00	13	6135M13-R	24.00	28.00
4	6135M04-R	6.00	10.00	14	6135M14-R	26.00	30.00
5	6135M05-R	8.00	12.00	15	6135M15-R	28.00	32.00
6	6135M06-R	10.00	14.00				
7	6135M07-R	12.00	16.00				
8	6135M08-R	14.00	18.00				
9	6135M09-R	16.00	20.00				
10	6135M10-R	18.00	22.00				
11	6135M11-R	20.00	24.00				

**SPECIFICATIONS**

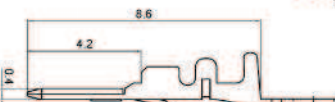
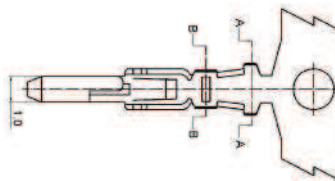
Voltage Rating: 125V AC,DC,
 Current Rating: 2A, AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires: AWG 24 ~ 28
 Material: Brass , Phos. Bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel



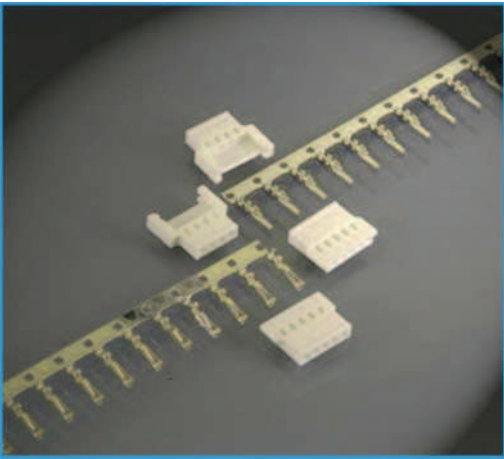
Applicable Wire	Part No.	Material	Finish	Type	Q.ty
AWG 24-28	6152TR	Brass, Pbronze	Tin plated	Female	10.000/reel



Applicable Wire	Part No.	Material	Finish	Type	Q.ty
AWG 24-28	6152TP	Brass, Pbronze	Tin plated	Male	10.000/reel

CABLING CONNECTORS

2,0 mm pitch - wire to wire connectors - 6152



SPECIFICATIONS

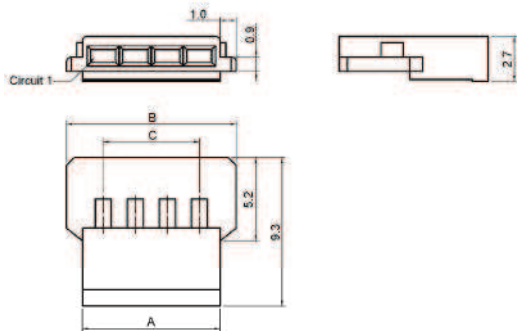
Voltage Rating: 125V AC,DC
Current Rating: 2A AC,DC
Withstanding Voltage: 1000V AC/minute
Insulation Resistance: 500 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

PLUG

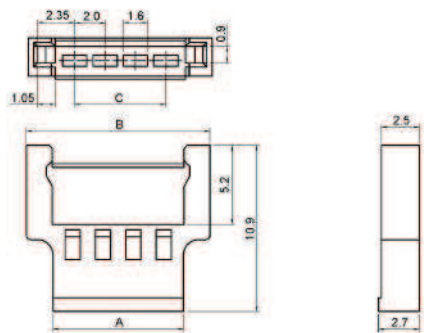
Poles: 2-6
Material: Nylon 66, UL 94V-0
Q.ty: 1000 pcs/bag

RECEPTACLE

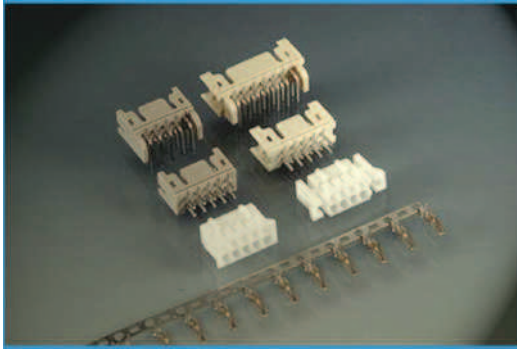
Poles: 2-6
Material: Nylon 66, UL 94V-0
Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6152R02	8.00	2.00	4.60
3	6152R03	10.00	4.00	6.60
4	6152R04	12.00	6.00	8.60
5	6152R05	14.00	8.00	10.60
6	6152R06	16.00	10.00	12.60



Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6152P02	6.60	2.00	4.60
3	6152P03	8.60	4.00	6.60
4	6152P04	10.60	6.00	8.60
5	6152P05	12.60	8.00	10.60
6	6152P06	14.60	10.00	12.60

**SPECIFICATIONS**

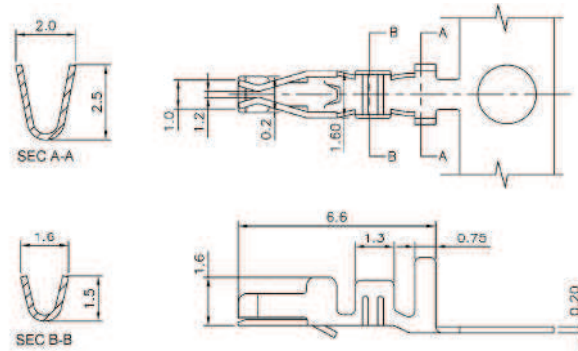
Voltage Rating: 250V AC/DC
 Current Rating: 3A AC/DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

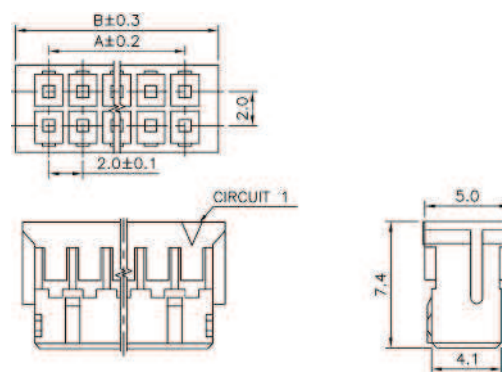
Applicable wires: AWG 22 ~ 28
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 6-23
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



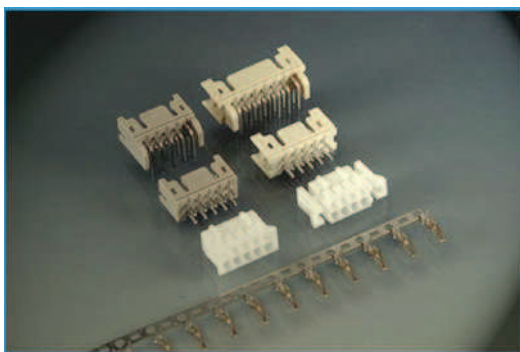
App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6157T	Phos. bronze	Tin pl.	10000					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
6	6157F06	4.00	7.90	26	6157F26	24.00	27.90
8	6157F08	6.00	9.90	28	6157F28	26.00	29.90
10	6157F10	8.00	11.90	30	6157F30	28.00	31.90
12	6157F12	10.00	13.90	32	6157F32	30.00	33.90
14	6157F14	12.00	15.90				
16	6157F16	14.00	17.90				
18	6157F18	16.00	19.90				
20	6157F20	18.00	21.90				
22	6157F22	20.00	23.90				
24	6157F24	22.00	25.90				

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6157

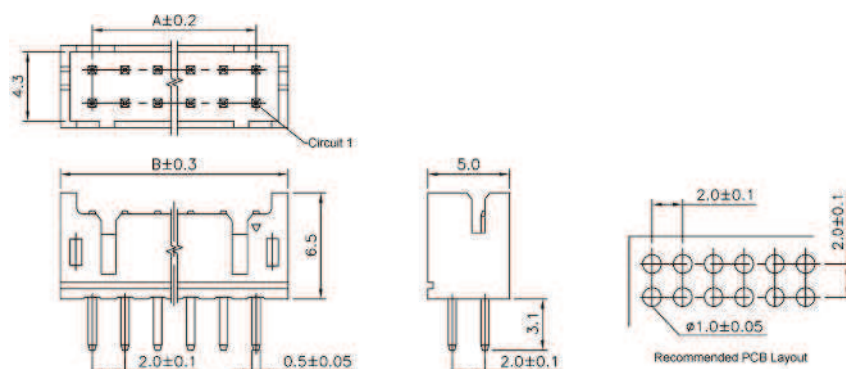


SPECIFICATIONS

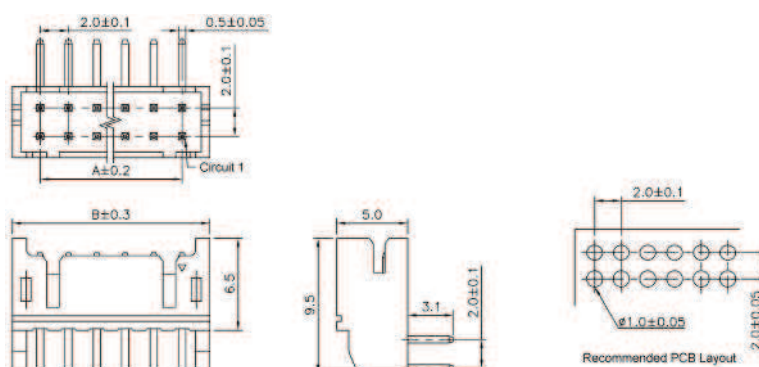
Voltage Rating: 250V AC, DC
 Current Rating: 3A, AC, DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 500 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

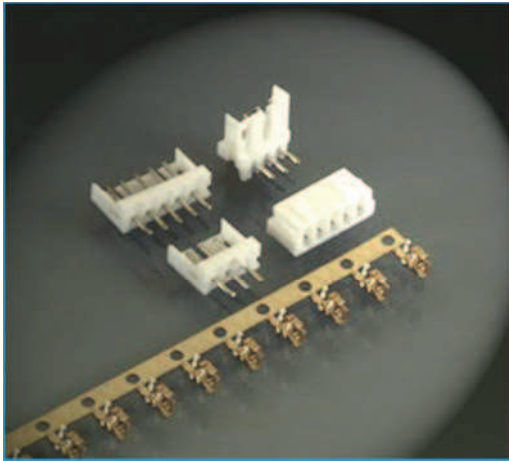
Poles: 6-32
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass/ Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
6	6157M06-S	4.00	7.90	26	6157M26-S	24.00	27.90
8	6157M08-S	6.00	9.90	28	6157M28-S	26.00	29.90
10	6157M10-S	8.00	11.90	30	6157M30-S	28.00	31.90
12	6157M12-S	10.00	13.90	32	6157M32-S	30.00	33.90
14	6157M14-S	12.00	15.90				
16	6157M16-S	14.00	17.90				
18	6157M18-S	16.00	19.90				
20	6157M20-S	18.00	21.90				
22	6157M22-S	20.00	23.90				
24	6157M24-S	22.00	25.90				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
6	6157M06-R	4.00	7.90	26	6157M26-R	24.00	27.90
8	6157M08-R	6.00	9.90	28	6157M28-R	26.00	29.90
10	6157M10-R	8.00	11.90	30	6157M30-R	28.00	31.90
12	6157M12-R	10.00	13.90	32	6157M32-R	30.00	33.90
14	6157M14-R	12.00	15.90				
16	6157M16-R	14.00	17.90				
18	6157M18-R	16.00	19.90				
20	6157M20-R	18.00	21.90				
22	6157M22-R	20.00	23.90				
24	6157M24-R	22.00	25.90				

**SPECIFICATIONS**

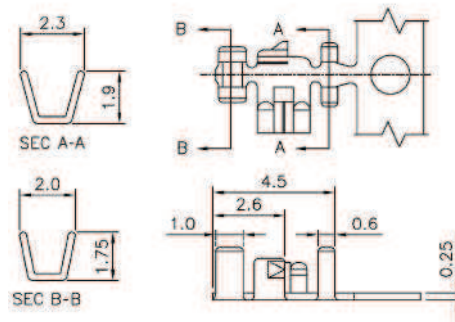
Voltage Rating: 250V AC,DC
 Current Rating: 2A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

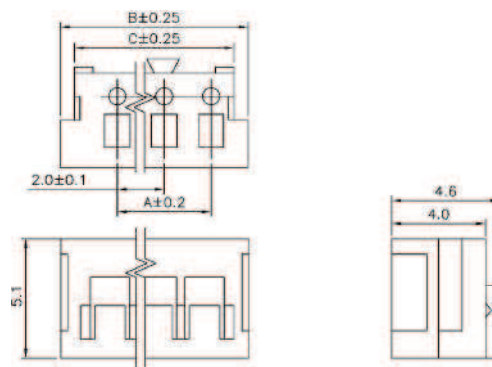
Applicable wires: AWG 22 ~ 28
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



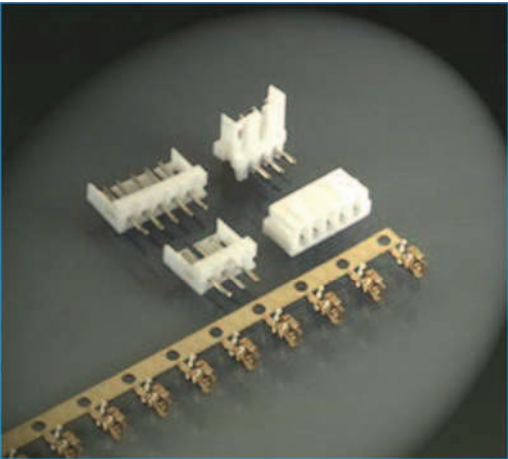
App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6166T	Phosp.bronze	Tin Pl.	15000					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6166F02	2.00	6.00	4.80	12	6166F12	22.00	26.00	24.80
3	6166F03	4.00	8.00	6.80	13	6166F13	24.00	28.00	26.80
4	6166F04	6.00	10.00	8.80	14	6166F14	26.00	30.00	28.80
5	6166F05	8.00	12.00	10.80	15	6166F15	28.00	32.00	30.80
6	6166F06	10.00	14.00	12.80					
7	6166F07	12.00	16.00	14.80					
8	6166F08	14.00	18.00	16.80					
9	6166F09	16.00	20.00	18.80					
10	6166F10	18.00	22.00	20.80					
11	6166F11	20.00	24.00	22.80					

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6166

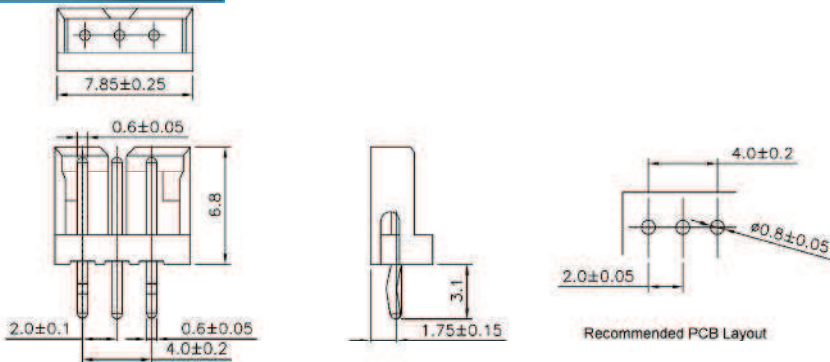


SPECIFICATIONS

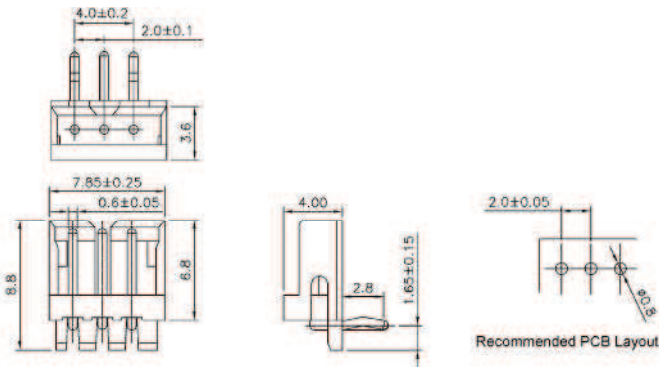
Voltage Rating: 250V AC,DC
Current Rating: 2A AC,DC
Withstanding Voltage: 800V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

HEADER

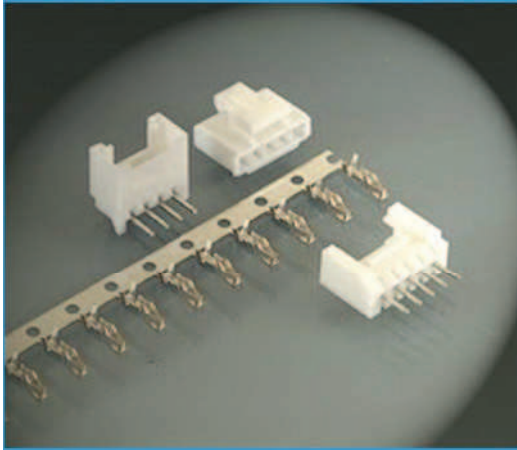
Poles: 3
Material (base): Nylon, UL 94V-0
Material (post): Brass/ Tin plated
Q.ty: 1000 pcs/bag



Poles	Part No.	Q.ty
03	6166M03-S	1000/bag



Poles	Part No.	Q.ty
03	6166M03-R	1000/bag

**SPECIFICATIONS**

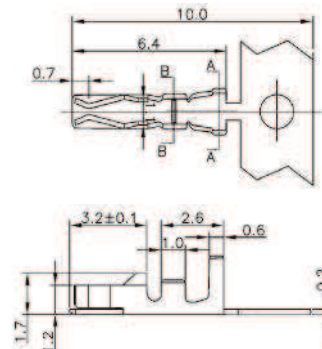
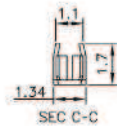
Voltage Rating: 250V AC,DC
 Current rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 mΩ min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 30 mΩ max.

TERMINAL

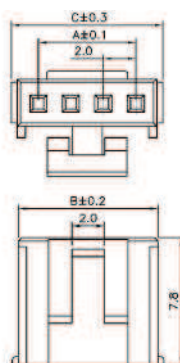
Applicable wires: AWG 22 ~ 30
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 8000 pcs/reel

HOUSING

Poles: 2-16
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No.	Material	Finish	Q.ty	App. Wire	Part No.	Material	Finish	Q.ty
AWG 22-30	6167T	Phosp. bronze	Tin pl.	8000					

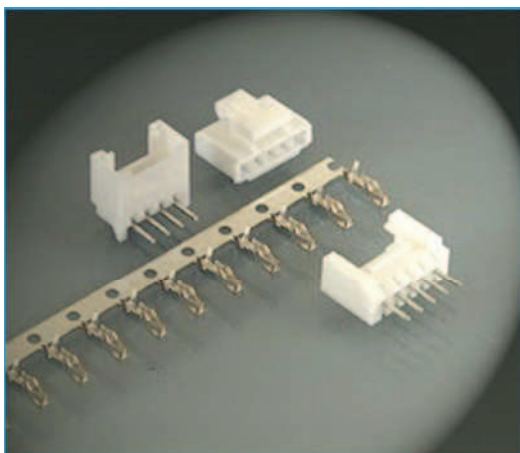


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6167F02	2.00	4.60	5.60	12	6167F12	22.00	24.60	25.60
3	6167F03	4.00	6.60	7.60	13	6167F13	24.00	26.60	27.60
4	6167F04	6.00	8.60	9.60	14	6167F14	26.00	28.60	29.60
5	6167F05	8.00	10.60	11.60	15	6167F15	28.00	30.60	31.60
6	6167F06	10.00	12.60	13.60	16	6167F16	30.00	32.60	33.60
7	6167F07	12.00	14.60	15.60					
8	6167F08	14.00	16.60	17.60					
9	6167F09	16.00	18.60	19.60					
10	6167F10	18.00	20.60	21.60					
11	6167F11	20.00	22.60	23.60					

CABLING CONNECTORS

2,0 mm pitch - wire to board connectors - 6167

L

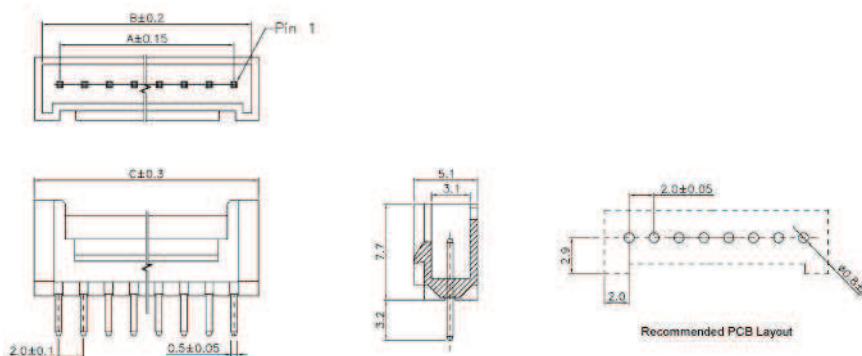


SPECIFICATIONS

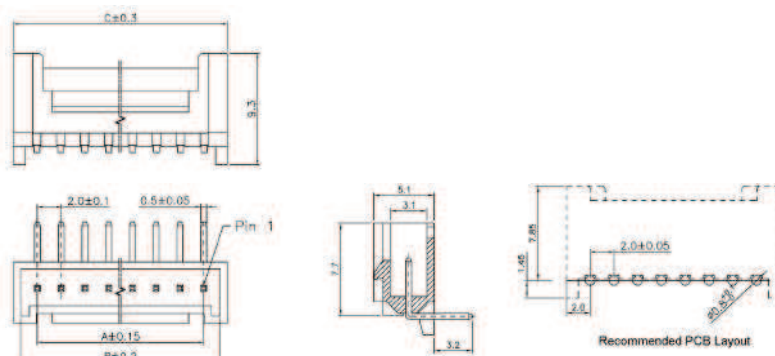
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 30 mΩ max.

HEADER

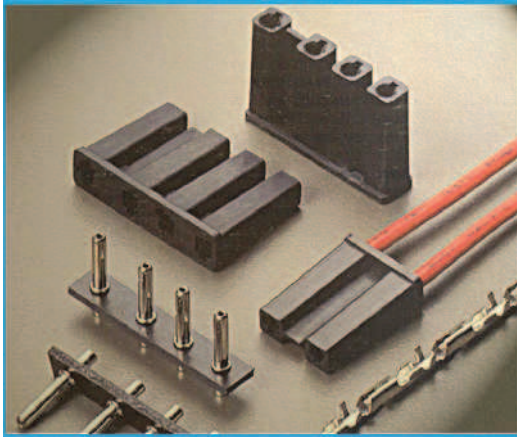
Poles: 2-16
 Material (base): Nylon, UL 94V-0
 Material (post): Brass/ Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
02	6167M02-S	2.00	4.75	6.00	12	6167M12-S	22.00	24.75	26.00
03	6167M03-S	4.00	6.75	8.00	13	6137M13-S	24.00	26.75	28.00
04	6167M04-S	6.00	8.75	10.00	14	6167M14-S	26.00	28.75	30.00
05	6167M05-S	8.00	10.75	12.00	15	6167M15-S	28.00	30.75	32.00
06	6167M06-S	10.00	12.75	14.00	16	6167M16-S	30.00	32.75	34.00
07	6167M07-S	12.00	14.75	16.00					
08	6167M08-S	14.00	16.75	18.00					
09	6167M09-S	16.00	18.75	20.00					
10	6167M10-S	18.00	20.75	22.00					
11	6167M11-S	20.00	22.75	24.00					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
02	6167M02-R	2.00	4.75	6.00	12	6167M12-S	22.00	24.75	26.00
03	6167M03-S	4.00	6.75	8.00	13	6167M13-S	24.00	26.75	28.00
04	6167M04-S	6.00	8.75	10.00	14	6167M14-S	26.00	28.75	30.00
05	6167M05-S	8.00	10.75	12.00	15	6167M15-S	28.00	30.75	32.00
06	6167M06-S	10.00	12.75	14.00	16	6167M16-S	30.00	32.75	34.00
07	6167M07-S	12.00	14.75	16.00					
08	6167M08-S	14.00	16.75	18.00					
09	6167M09-S	16.00	18.75	20.00					
10	6167M10-S	18.00	20.75	22.00					
11	6167M11-S	20.00	22.75	24.00					

**SPECIFICATIONS**

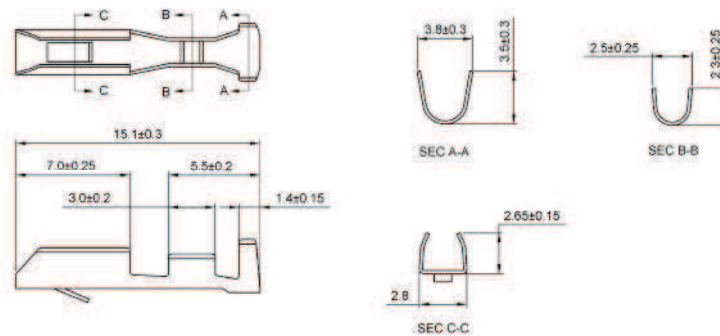
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

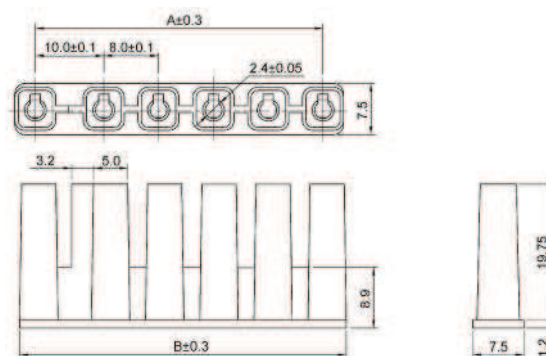
Applicable wires: AWG 18 ~ 26
 Material: Brass
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

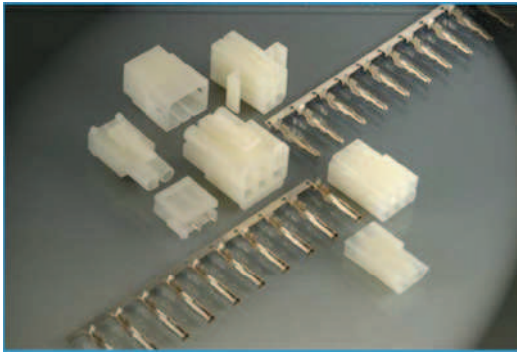
Poles: 1-6
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 18-26	6112T	Brass	Tin plated	15000/reel



Poles	Part No.	A (mm)	B (mm)
1	6112F01	—	6.50
2	6112F02	10.00	16.00
3	6112F03	18.00	24.00
4	6112F04	26.00	32.00
5	6112F05	34.00	40.00
6	6112F06	42.00	48.00

**SPECIFICATIONS**

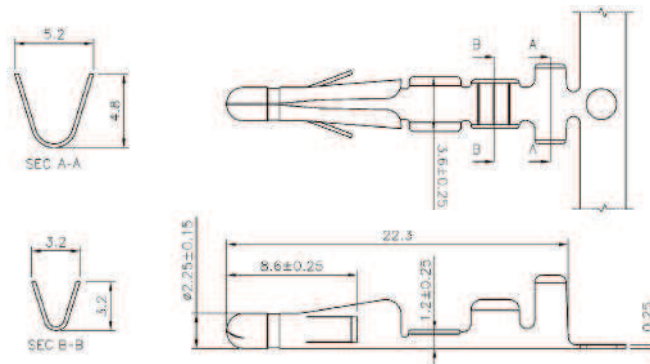
Voltage Rating: 600 V AC,DC
 Current Rating: 12A max.
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

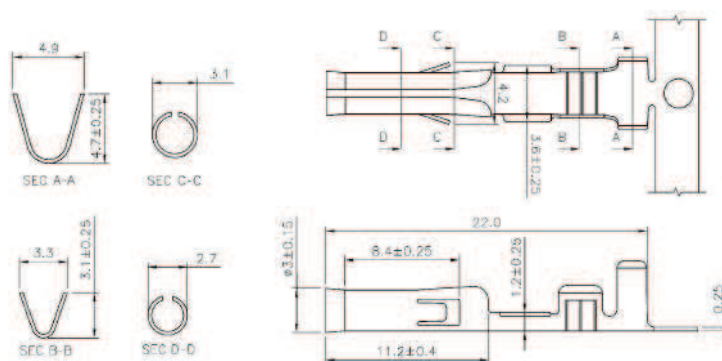
Applicable wires: AWG 20 ~ 16
 Material: Brass
 Finish: Tin plated
 Q.ty: 3500 pcs/reel

HOUSING

Poles: 1, 2, 3, 4, 6, 9, 12, 15
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Type	Material	Finish	Q.ty
AWG 16 ~ 20	6126TP	End chain	Brass	Tin plated	3500/reel
AWG 16 ~ 20	6126TPC	Middle chain	Brass	Tin plated	3500/reel

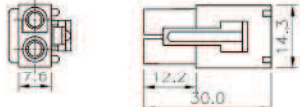
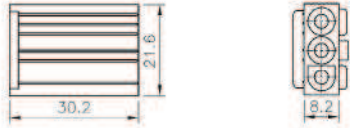
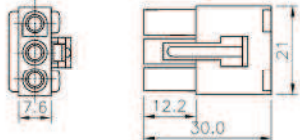
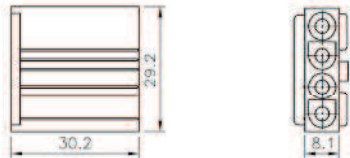
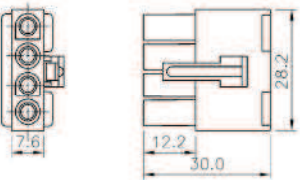
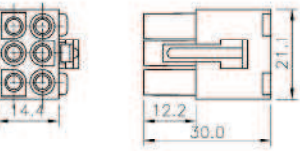
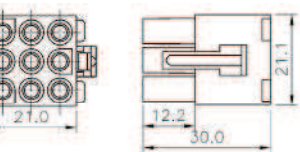


Applicable Wires	Part No.	Type	Material	Finish	Q.ty
AWG 16 ~ 20	6126TR	End chain	Brass	Tin plated	3500/reel
AWG 16 ~ 20	6126TRC	Middle chain	Brass	Tin plated	3500/reel

CABLING CONNECTORS

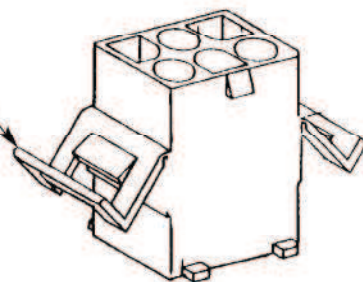
2,36 mm dia. - wire to wire connectors - 6126



Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
1	12A	600V	 6126P01W (w/o Mtg. Ears)	 6126R01W (w/o Mtg. Ears)
2	12A	600V	 6126P02W 6126P02WO (w/o Mtg. Ears)	 6126R02WO (w/o Mtg. Ears)
3	11A	600V	 6126P03W 6126P03WO (w/o Mtg. Ears)	 6126R03WO (w/o Mtg. Ears)
4	9A	600V	 6126P04W 6126P04WO (w/o Mtg. Ears)	 6126R04WO (w/o Mtg. Ears)
6	9A	600V	 6126P06W 6126P06WO (w/o Mtg. Ears)	 6126R06WO (w/o Mtg. Ears)
9	8A	600V	 6126P09W 6126P09WO (w/o Mtg. Ears)	 6126R09WO (w/o Mtg. Ears)

Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
12	7A	600V	 6126P12W 6126P12WO (w/o Mtg. Ears)	 6126R12WO (w/o Mtg. Ears)
15	6A	600V	 6126P15W 6126P15WO (w/o Mtg. Ears)	 6126R15WO (w/o Mtg. Ears)

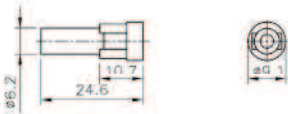
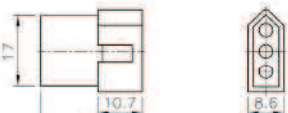
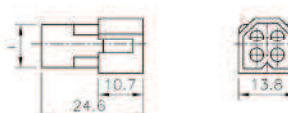
With Mounting Ears
Or W/O Mounting Ears

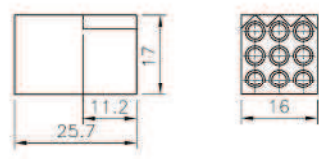
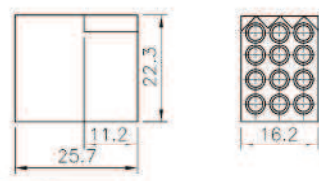
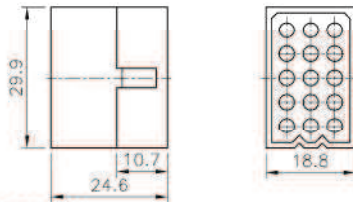
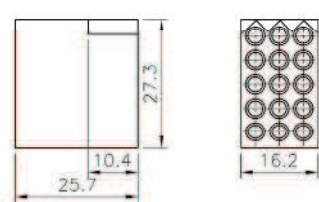


CABLING CONNECTORS

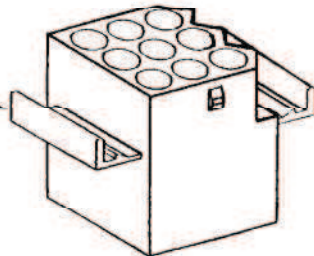
2,36 mm dia. - wire to wire connectors - 6127

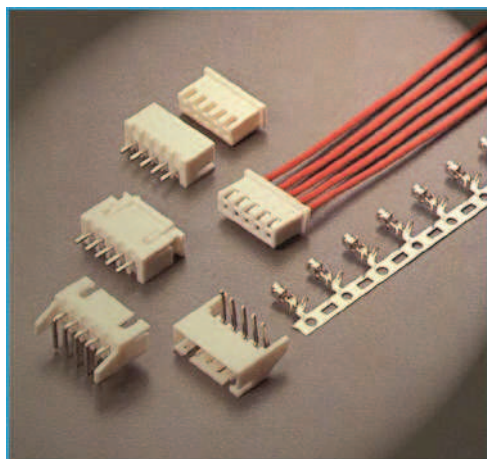


Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
1	12A	250V	 6127P01WO (w/o Mtg. Ears)	 6127R01WO (w/o Mtg. Ears)
2	12A	250V	 6127P02W 6127P02WO (w/o Mtg. Ears)	 6127R02W 6127R02WO (w/o Mtg. Ears)
3	12A	250V	 6127P03W 6127P03WO (w/o Mtg. Ears)	 6127R03W 6127R03WO (w/o Mtg. Ears)
4	9A	250V	 6127P04W 6127P04WO (w/o Mtg. Ears)	 6127R04W 6127R04WO (w/o Mtg. Ears)
4	9A	250V	 6127PV04W 6127PV04WO (w/o Mtg. Ears)	 6127RV04W 6127RV04WO (w/o Mtg. Ears)
5	9A	250V	 6127P05WO (w/o Mtg. Ears)	 6127R05WO (w/o Mtg. Ears)
6	9A	250V	 6127P06W 6127P06WO (w/o Mtg. Ears)	 6127R06W 6127R06WO (w/o Mtg. Ears)

Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
9	9A	250V	 6127P09W 6127P09WO (w/o Mtg. Ears)	 6127R09W 6127R09WO (w/o Mtg. Ears)
12	7.5A	250V	 6127P12W 6127P12WO (w/o Mtg. Ears)	 6127R12W 6127R12WO (w/o Mtg. Ears)
15	7.5A	250V	 6127P15W 6127P15WO (w/o Mtg. Ears)	 6127R15W 6127R15WO (w/o Mtg. Ears)

With Mounting Ears
Or W/O Mounting Ears



**SPECIFICATIONS**

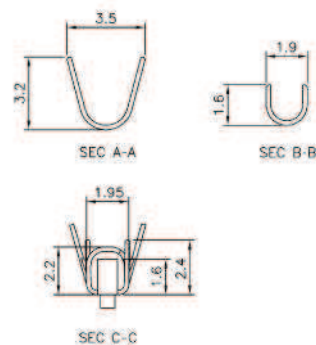
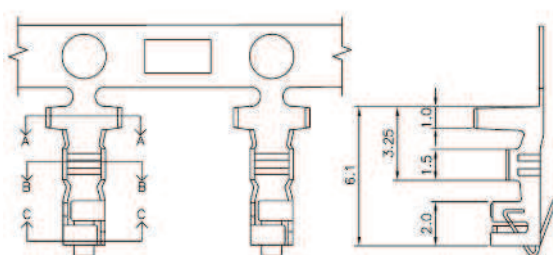
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

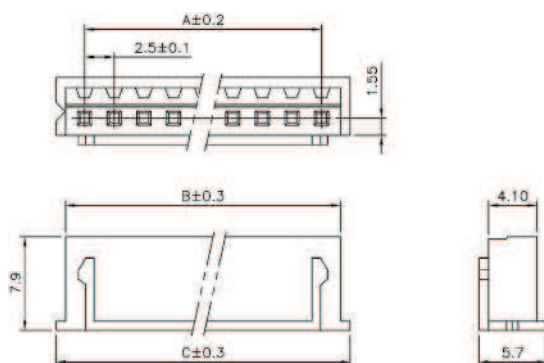
Applicable wires: AWG 22 ~ 28
 Material: Brass
 Finish: Tin plated
 Q.ty: 8000 pcs/reel

HOUSING

Poles: 2-20
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6106T	Brass	Tin pl.	8000					

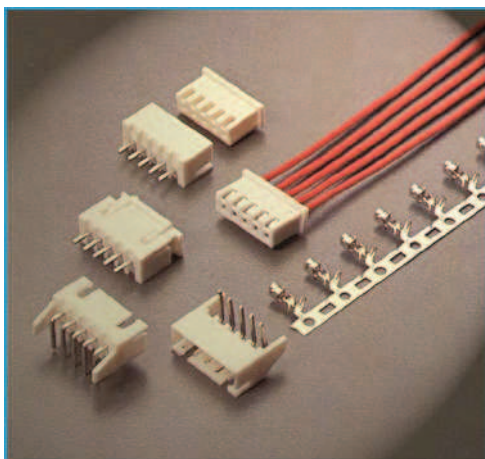


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6106F02	2.50	5.70	7.30	12	6106F12	27.50	30.70	32.30
3	6106F03	5.00	8.20	9.80	13	6106F13	30.00	33.20	34.80
4	6106F04	7.50	10.70	12.30	14	6106F14	32.50	35.70	37.30
5	6106F05	10.00	13.20	14.80	15	6106F15	35.00	38.20	39.80
6	6106F06	12.50	15.70	17.30	20	6106F20	47.50	50.70	52.30
7	6106F07	15.00	18.20	19.80					
8	6106F08	17.50	20.70	22.30					
9	6106F09	20.00	23.20	24.80					
10	6106F10	22.50	25.70	27.30					
11	6106F11	25.00	28.20	29.80					

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6106

L

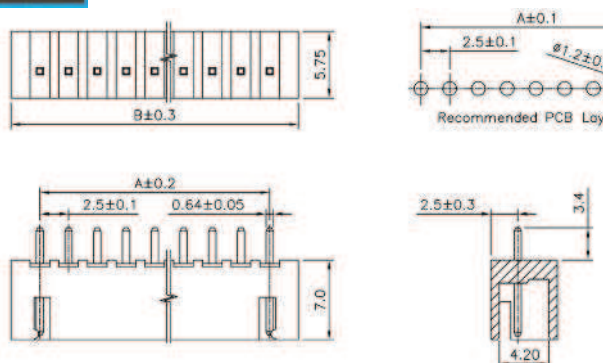


SPECIFICATIONS

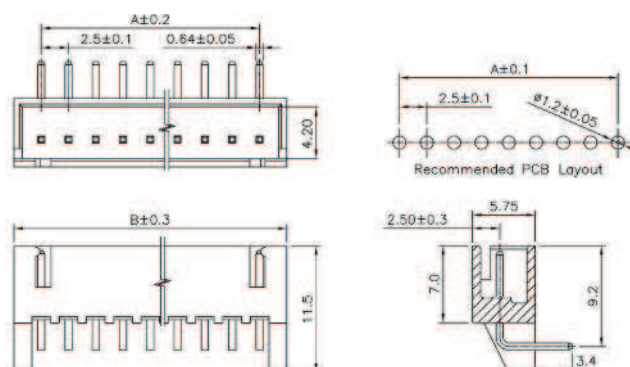
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

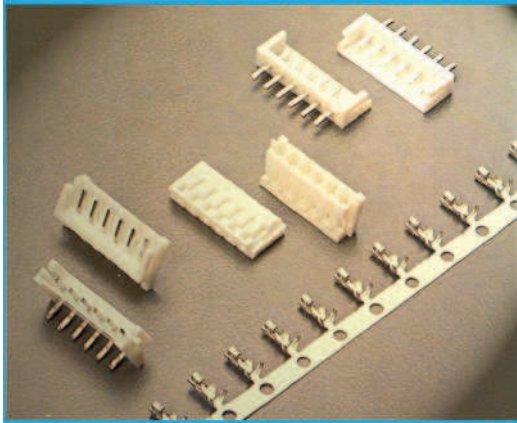
Poles: 2-20
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6106M02-S	2.50	7.50	12	6106M12-S	27.50	32.50
3	6106M03-S	5.00	10.00	13	6106M13-S	30.00	35.00
4	6106M04-S	7.50	12.50	14	6106M14-S	32.50	37.50
5	6106M05-S	10.00	15.00	15	6106M15-S	35.00	40.00
6	6106M06-S	12.50	17.50	20	6106M20-S	47.50	52.50
7	6106M07-S	15.00	20.00				
8	6106M08-S	17.50	22.50				
9	6106M09-S	20.00	25.00				
10	6106M10-S	22.50	27.50				
11	6106M11-S	25.00	30.00				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6106M02-R	2.50	7.50	12	6106M12-R	27.50	32.50
3	6106M03-R	5.00	10.00	13	6106M13-R	30.00	35.00
4	6106M04-R	7.50	12.50	14	6106M14-R	32.50	37.50
5	6106M05-R	10.00	15.00	15	6106M15-R	35.00	40.00
6	6106M06-R	12.50	17.50	20	6106M20-R	47.50	52.50
7	6106M07-R	15.00	20.00				
8	6106M08-R	17.50	22.50				
9	6106M09-R	20.00	25.00				
10	6106M10-R	22.50	27.50				
11	6106M11-R	25.00	30.00				

**SPECIFICATIONS**

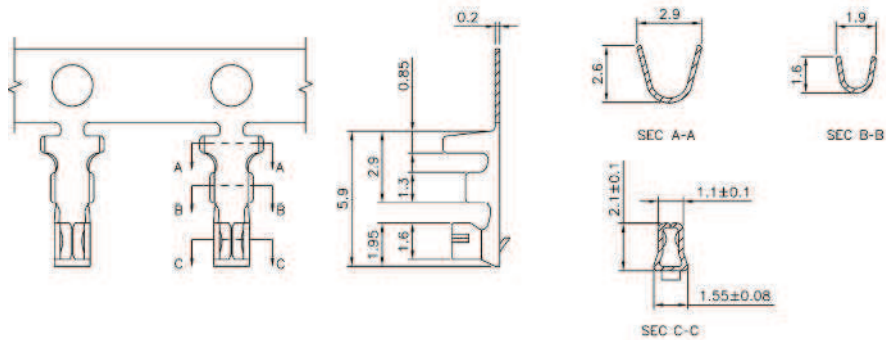
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

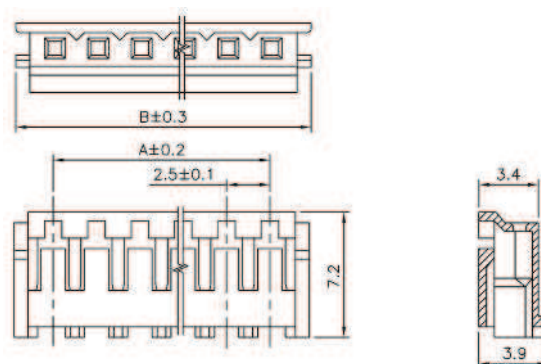
Applicable wires: AWG 22 ~ 28
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No.	Material	Finish	Q.ty	App. Wire	Part No.	Material	Finish	Q.ty
AWG 22-28	6107T	Phosp.bronze	Tin pl.	10000					

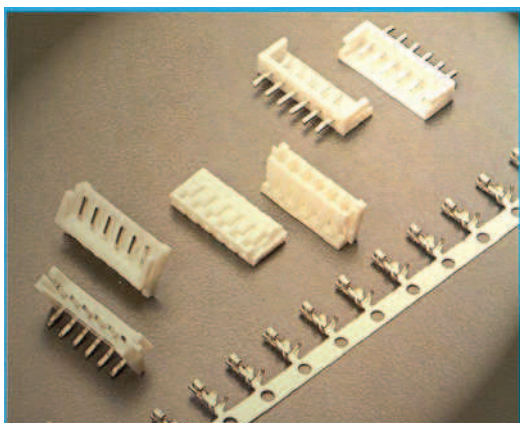


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6107F02	2.50	7.00	12	6107F12	27.50	32.00
3	6107F03	5.00	9.50	13	6107F13	30.00	34.50
4	6107F04	7.50	12.00	14	6107F14	32.50	37.00
5	6107F05	10.00	14.50	15	6107F15	35.00	39.50
6	6107F06	12.50	17.00				
7	6107F07	15.00	19.50				
8	6107F08	17.50	20.00				
9	6107F09	20.00	24.50				
10	6107F10	22.50	27.00				
11	6107F11	25.00	29.50				

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6107

L

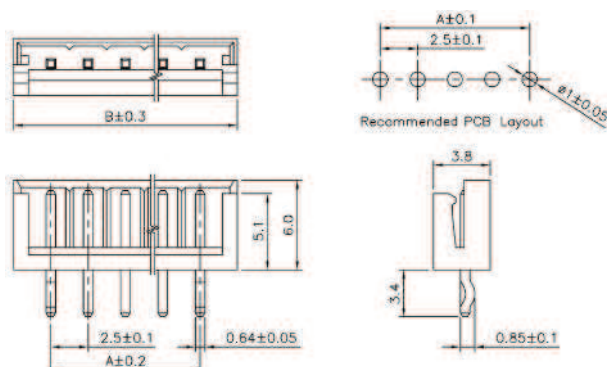


SPECIFICATIONS

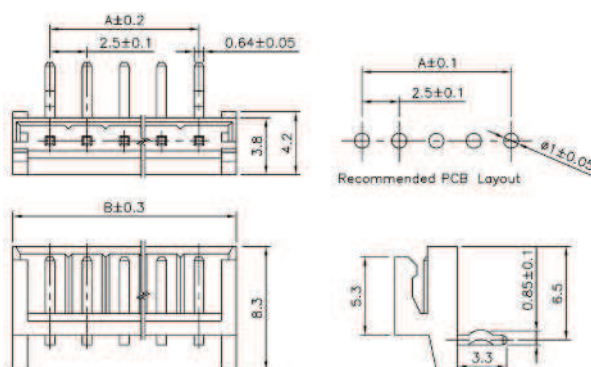
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 800V AC/minute
 Insulation Resistance: 1000 M Ω min
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

HEADER

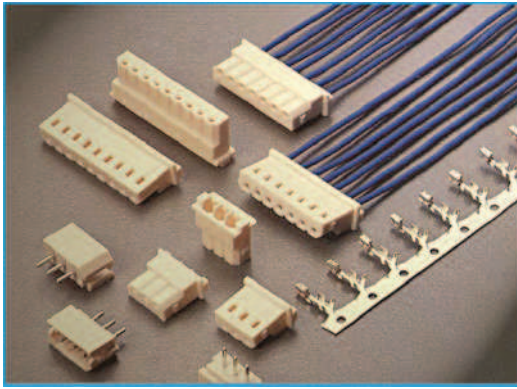
Poles: 2-15
 Material (base): Nylon 66, UL 94V-0 Natural
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6107M02-S	2.50	7.50	12	6107M12-S	27.50	32.50
3	6107M03-S	5.00	10.00	13	6107M13-S	30.00	35.00
4	6107M04-S	7.50	12.50	14	6107M14-S	32.50	37.50
5	6107M05-S	10.00	15.00	15	6107M15-S	35.00	40.00
6	6107M06-S	12.50	17.50				
7	6107M07-S	15.00	20.00				
8	6107M08-S	17.50	22.50				
9	6107M09-S	20.00	25.00				
10	6107M10-S	22.50	27.50				
11	6107M11-S	25.00	30.00				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6107M02-R	2.50	7.50	12	6107M12-R	27.50	32.50
3	6107M03-R	5.00	10.00	13	6107M13-R	30.00	35.00
4	6107M04-R	7.50	12.50	14	6107M14-R	32.50	37.50
5	6107M05-R	10.00	15.00	15	6107M15-R	35.00	40.00
6	6107M06-R	12.50	17.50				
7	6107M07-R	15.00	20.00				
8	6107M08-R	17.50	22.50				
9	6107M09-R	20.00	25.00				
10	6107M10-R	22.50	27.50				
11	6107M11-R	25.00	30.00				

**SPECIFICATIONS**

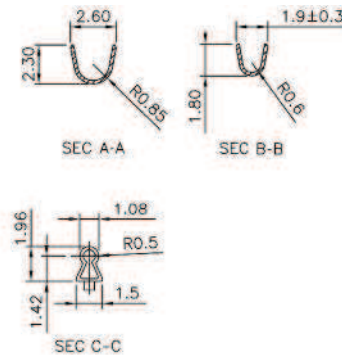
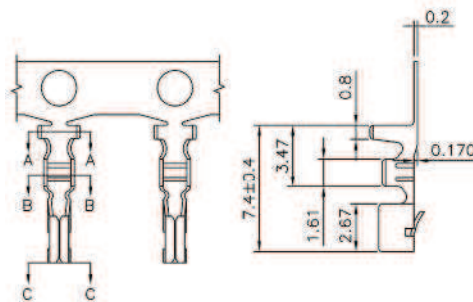
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

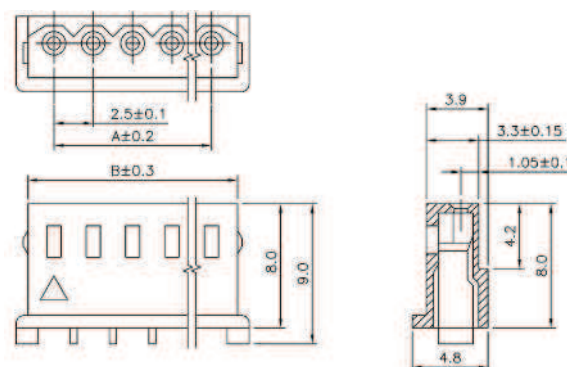
Applicable wires: AWG 22 ~ 28
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-20
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No.	Material	Finish	Q.ty	App. Wire	Part No.	Material	Finish	Q.ty
AWG 22-28	6108T	Phosp.bronze	Tin pl.	10000					

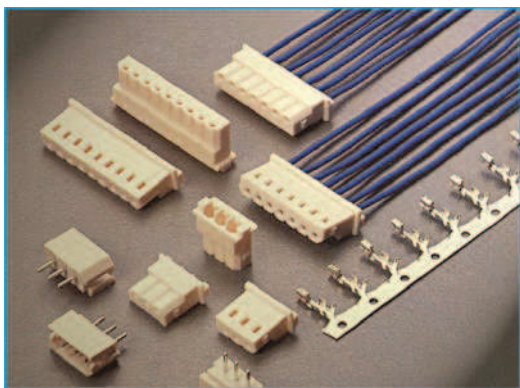


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6108F02	2.50	5.80	12	6108F12	27.50	30.80
3	6108F03	5.00	8.30	13	6108F13	30.00	33.30
4	6108F04	7.50	10.80	14	6108F14	32.50	35.80
5	6108F05	10.00	13.30	15	6108F15	35.00	38.30
6	6108F06	12.50	15.80	16	6108F16	37.50	40.80
7	6108F07	15.00	18.30	17	6108F17	40.00	43.30
8	6108F08	17.50	20.80	18	6108F18	42.50	45.80
9	6108F09	20.00	23.30	19	6108F19	45.00	48.30
10	6108F10	22.50	25.70	20	6108F20	45.70	50.80
11	6108F11	25.00	28.30				

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6108

L

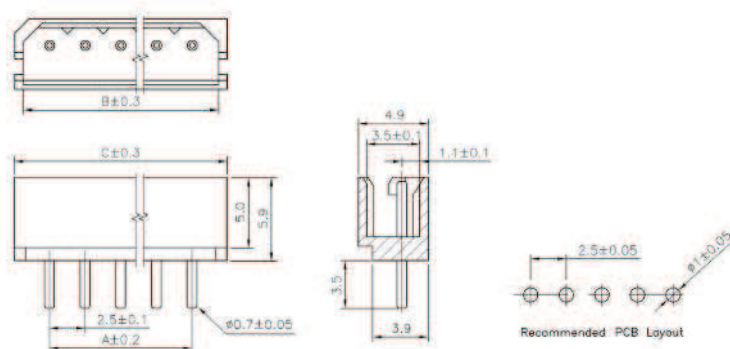


SPECIFICATIONS

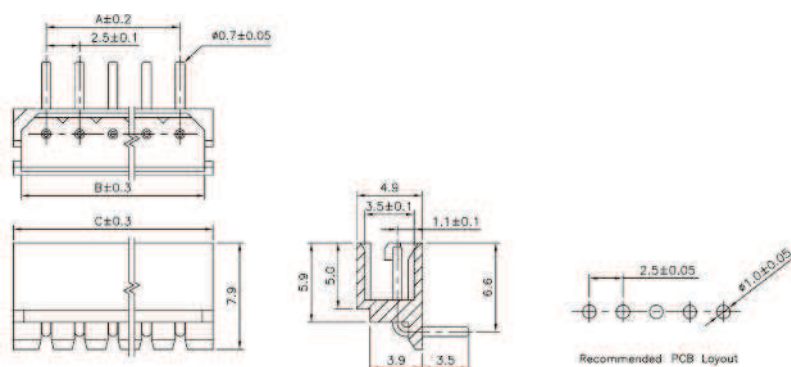
Voltage Rating: 250V AC/DC
 Current Rating: 3A AC/DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

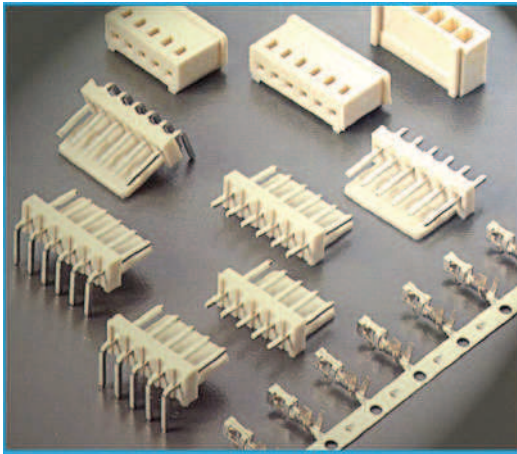
Poles: 2-20
 Material (base): Nylon 66, UL 94V-0 Natural
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6108M02-S	2.50	6.00	7.50	12	6108M12-S	27.50	31.00	32.50
3	6108M03-S	5.00	8.50	10.00	13	6108M13-S	30.00	33.50	35.00
4	6108M04-S	7.50	11.00	12.50	14	6108M14-S	32.50	36.00	37.50
5	6108M05-S	10.00	13.50	15.00	15	6108M15-S	35.00	38.50	40.00
6	6108M06-S	12.50	16.00	17.50	16	6108M16-S	37.50	41.00	42.50
7	6108M07-S	15.00	18.50	20.00	17	6108M17-S	40.00	43.50	45.00
8	6108M08-S	17.50	21.00	22.50	18	6108M18-S	42.50	46.00	47.50
9	6108M09-S	20.00	23.50	25.00	19	6108M19-S	45.00	48.50	50.00
10	6108M10-S	22.50	26.00	27.50	20	6108M20-S	47.50	51.00	52.50
11	6108M11-S	25.00	28.50	30.00					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6108M02-R	2.50	6.00	7.50	12	6108M12-R	27.50	31.00	32.50
3	6108M03-R	5.00	8.50	10.00	13	6108M13-R	30.00	33.50	35.00
4	6108M04-R	7.50	11.00	12.50	14	6108M14-R	32.50	36.00	37.50
5	6108M05-R	10.00	13.50	15.00	15	6108M15-R	35.00	38.50	40.00
6	6108M06-R	12.50	16.00	17.50	16	6108M16-R	37.50	41.00	42.50
7	6108M07-R	15.00	18.50	20.00	17	6108M17-R	40.00	43.50	45.00
8	6108M08-R	17.50	21.00	22.50	18	6108M18-R	42.50	46.00	47.50
9	6108M09-R	20.00	23.50	25.00	19	6108M19-R	45.00	48.50	50.00
10	6108M10-R	22.50	26.00	27.50	20	6108M20-R	47.50	51.00	52.50
11	6108M11-R	25.00	28.50	30.00					

**SPECIFICATIONS**

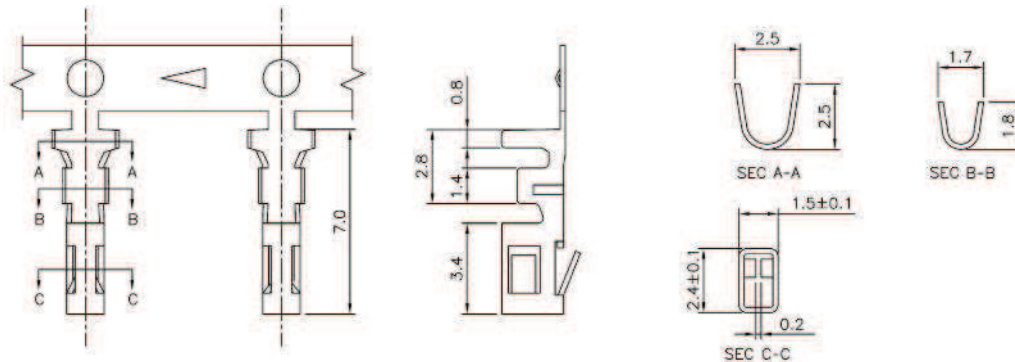
Voltage Rating: 250V AC,DC
 Current Rating: 2A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

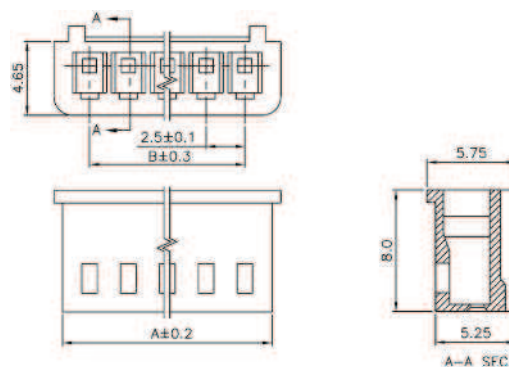
Applicable wires: AWG 22 ~ 28
 Material: Brass
 Finish: Tin plated
 Q.ty: 8000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon, 94V-2 +5% FRP.
 Q.ty: 1000 pcs/bag



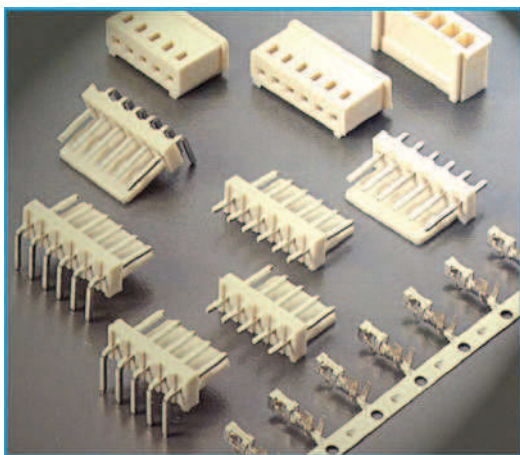
App. Wire	Part No.	Material	Finish	Q.ty	App. Wire	Part No.	Material	Finish	Q.ty
AWG 22-28	6109T	Brass	Tin pl.	8000					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6109F02	6.00	2.50	12	6109F12	31.00	27.50
3	6109F03	8.50	5.00	13	6109F13	33.50	30.00
4	6109F04	11.00	7.50	14	6109F14	36.00	32.50
5	6109F05	13.50	10.00	15	6109F15	38.50	35.00
6	6109F06	16.00	12.50				
7	6109F07	18.50	15.00				
8	6109F08	21.00	17.50				
9	6109F09	23.50	20.00				
10	6109F10	26.00	22.50				
11	6109F11	28.50	25.00				

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6109

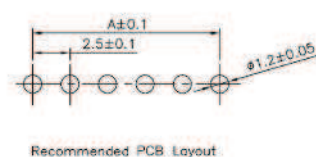
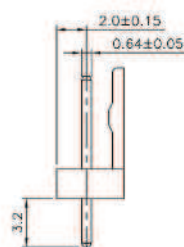
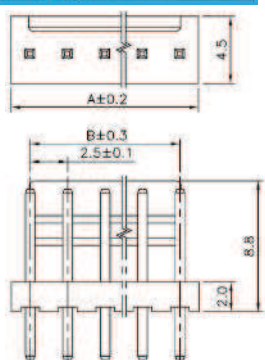


SPECIFICATIONS

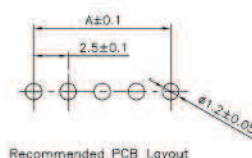
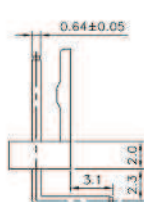
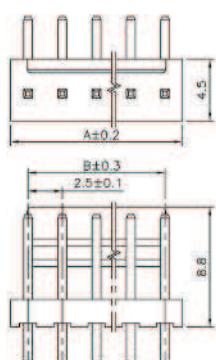
Voltage Rating: 250V AC,DC
 Current Rating: 2A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

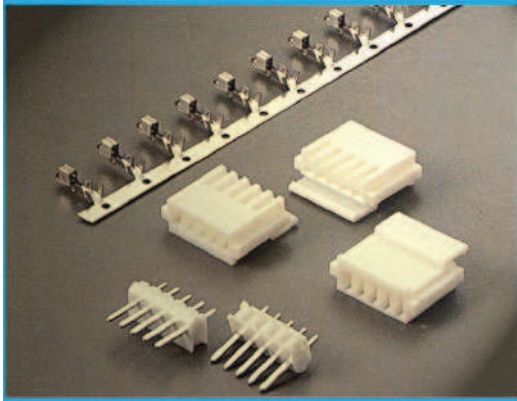
Poles: 2-15
 Material (base): Nylon 94V-2 +5% FRP.
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6109M02-S	5.00	2.50	12	6109M12-S	30.00	27.50
3	6109M03-S	7.50	5.00	13	6109M13-S	32.50	30.00
4	6109M04-S	10.00	7.50	14	6109M14-S	35.00	32.50
5	6109M05-S	12.50	10.00	15	6109M15-S	37.50	35.00
6	6109M06-S	15.00	12.50				
7	6109M07-S	17.50	15.00				
8	6109M08-S	20.00	17.50				
9	6109M09-S	22.50	20.00				
10	6109M10-S	25.00	22.50				
11	6109M11-S	27.50	25.00				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6109M02-R	5.00	2.50	12	6109M12-R	30.00	27.50
3	6109M03-R	7.50	5.00	13	6109M13-R	32.50	30.00
4	6109M04-R	10.00	7.50	14	6109M14-R	35.00	32.50
5	6109M05-R	12.50	10.00	15	6109M15-R	37.50	37.50
6	6109M06-R	15.00	12.50				
7	6109M07-R	17.50	15.00				
8	6109M08-R	20.00	17.50				
9	6109M09-R	22.50	20.00				
10	6109M10-R	25.00	22.50				
11	6109M11-R	27.50	25.00				

**SPECIFICATIONS**

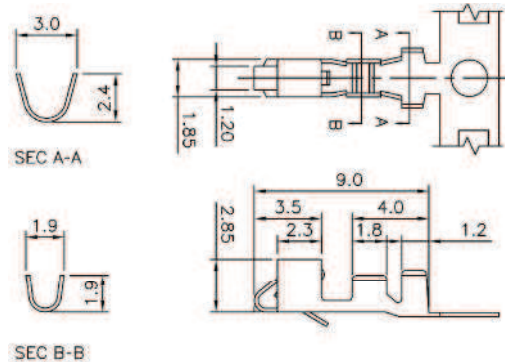
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

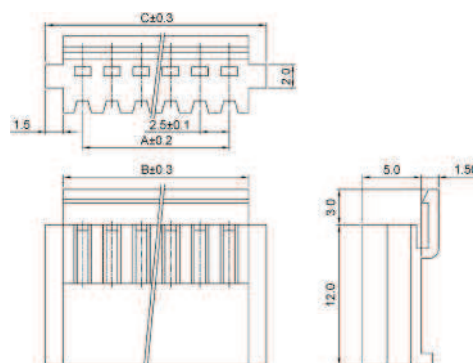
Applicable wires: AWG 22 ~ 28
 Material: Brass
 Finish: Tin plated
 Q.ty: 7000 pcs/reel

HOUSING

Poles: 2-20
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wire	Part No.	Insulation O.D.	Material	Finish	Q.ty	App. Wire	Part No.	Insulation O.D.	Material	Finish	Q.ty
AWG 22-28	6130TR	1.7	Brass	Tin pl.	7000						

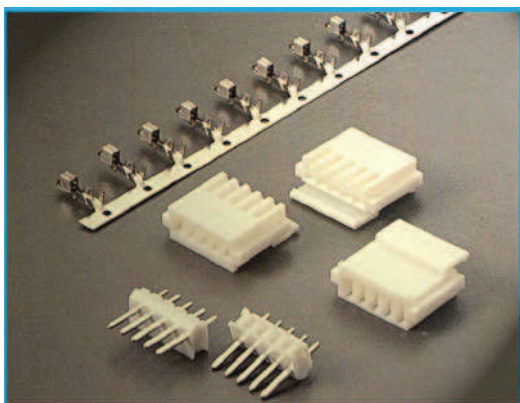


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6110F02	2.50	5.70	8.70	12	6110F12	27.50	30.70	33.70
3	6110F03	5.00	8.20	11.20					
4	6110F04	7.50	10.70	13.70					
5	6110F05	10.00	13.20	16.20					
6	6110F06	12.50	15.70	18.70					
7	6110F07	15.00	18.20	21.20					
8	6110F08	17.50	20.70	23.70					
9	6110F09	20.00	23.20	26.20					
10	6110F10	22.50	25.70	28.70					
11	6110F11	25.00	28.20	31.20					

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6110

L

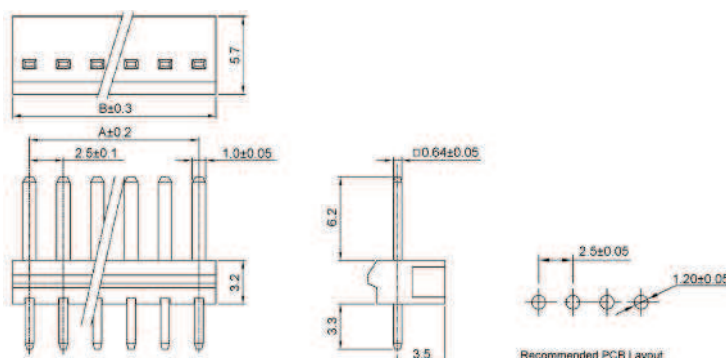


SPECIFICATIONS

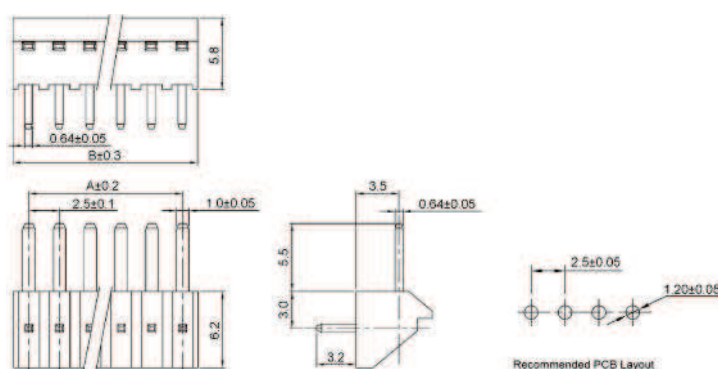
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

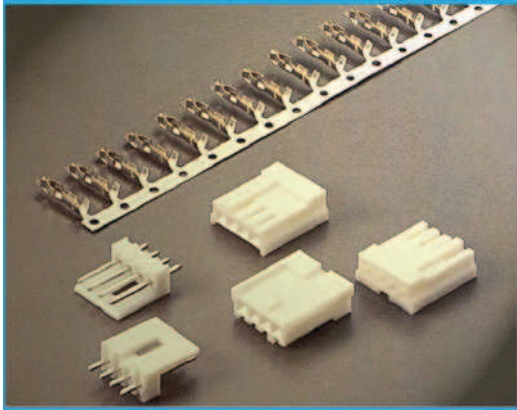
Poles: 2-20
 Material (base): Nylon 66, UL 94V-0 Natural
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6110M02-S	2.50	5.00	12	6110M12-S	27.50	30.00
3	6110M03-S	5.00	7.50				
4	6110M04-S	7.50	10.00				
5	6110M05-S	10.00	12.50				
6	6110M06-S	12.50	15.00				
7	6110M07-S	15.00	17.50				
8	6110M08-S	17.50	20.00				
9	6110M09-S	20.00	22.50				
10	6110M10-S	22.50	25.00				
11	6110M11-S	25.00	27.50				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6110M02-R	2.50	5.00	12	6110M12-R	27.50	30.00
3	6110M03-R	5.00	7.50				
4	6110M04-R	7.50	10.00				
5	6110M05-R	10.00	12.50				
6	6110M06-R	12.50	15.00				
7	6110M07-R	15.00	17.50				
8	6110M08-R	17.50	20.00				
9	6110M09-R	20.00	22.50				
10	6110M10-R	22.50	25.00				
11	6110M11-R	25.00	27.50				

**SPECIFICATIONS**

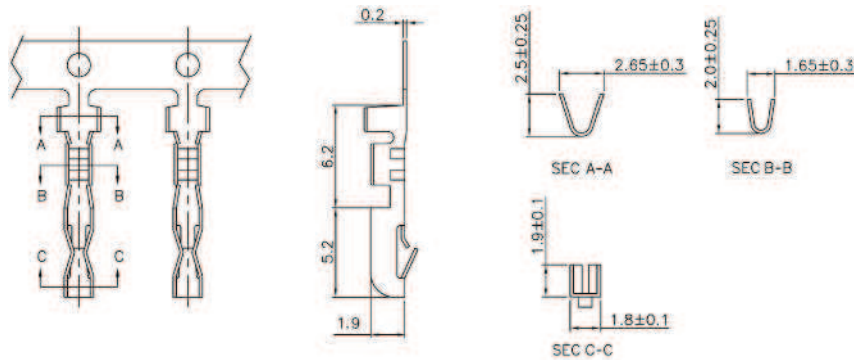
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

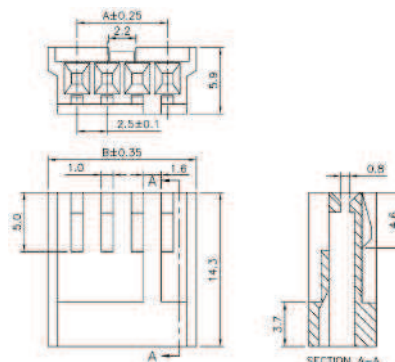
Applicable wires: AWG 18 ~ 22
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 2-8
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



Applicable	Part No	Material	Finish	Q.ty	Applicable	Part No	Material	Finish	Q.ty
AWG 18 ~ 22	6111T	Phosp.bronze	Tin plated	15000/reel					

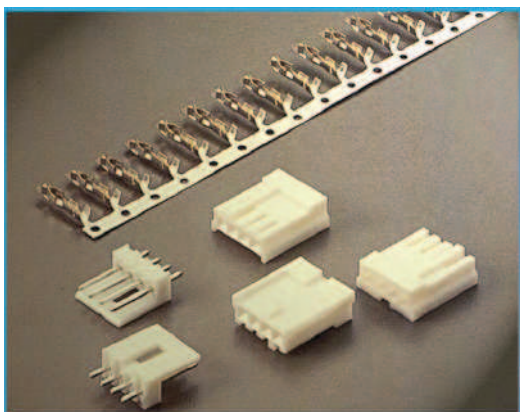


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6111F02	2.50	7.30				
3	6111F03	5.00	9.90				
4	6111F04	7.50	12.50				
5	6111F05	10.00	14.80				
6	6111F06	12.50	17.40				
7	6111F07	15.00	20.10				
8	6111F08	17.50	22.20				

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6111

L

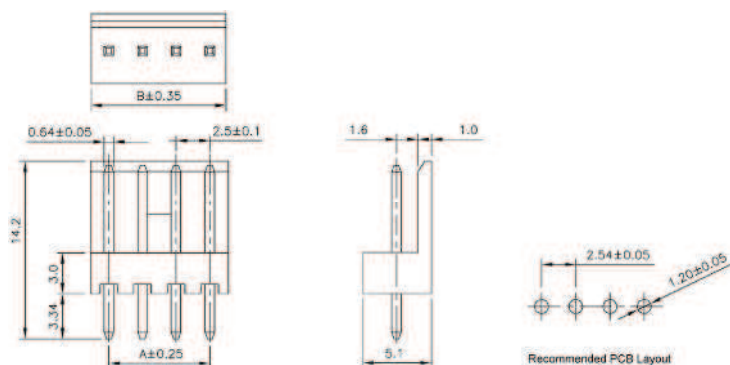


SPECIFICATIONS

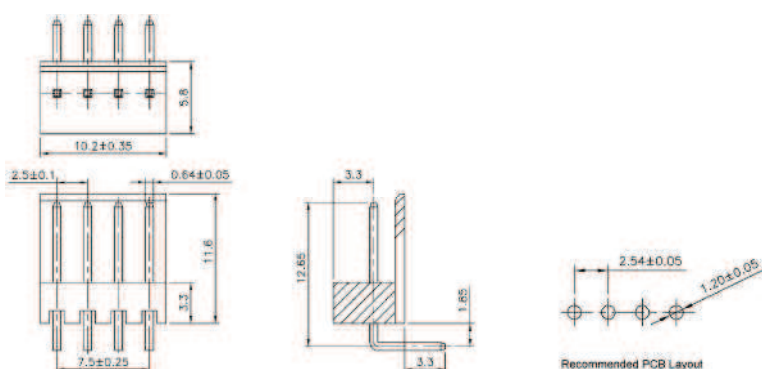
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

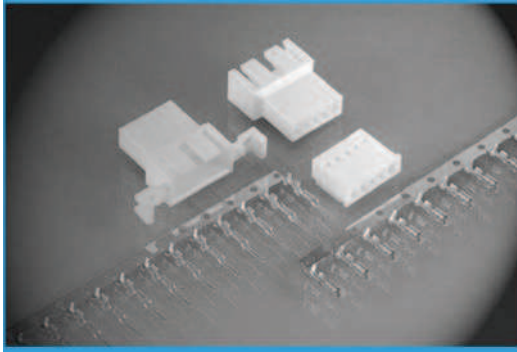
Poles: 2-8
 Material (base): Nylon 66, UL 94V-0 Natural
 Material (post): Brass/Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)
2	6111M02-S	2.50	5.10
3	6111M03-S	5.00	7.60
4	6111M04-S	7.50	10.10
5	6111M05-S	10.00	12.70
6	6111M06-S	12.50	15.20
7	6111M07-S	15.00	17.70
8	6111M08-S	17.50	20.30



Poles	Part No.	A (mm)	B (mm)
4	611104-R	7.50	10.10

**SPECIFICATIONS**

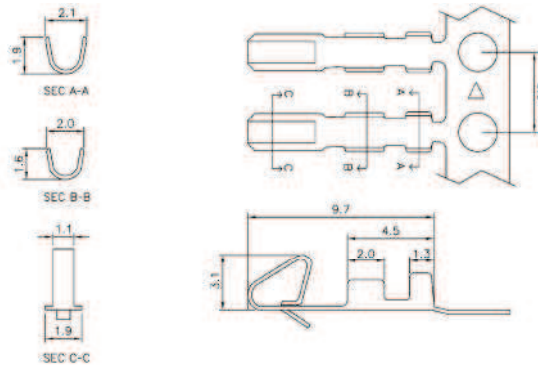
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

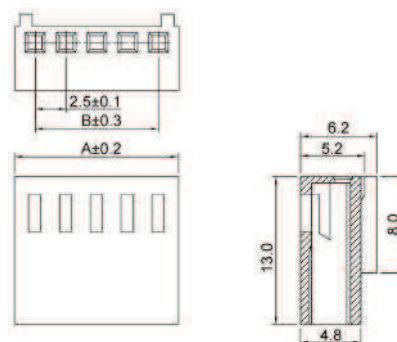
Applicable wires: AWG 22 ~ 30
 Material: Brass
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-30	6113T	Brass	Tin pl.	10000					

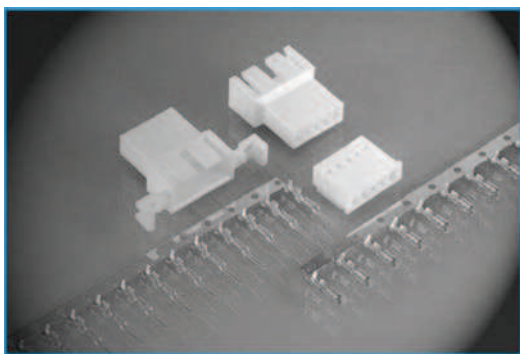


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6140F02	2.50	5.80	12	6140F12	27.50	30.80
3	6140F03	5.00	8.30	13	6140F13	30.00	33.30
4	6140F04	7.50	10.80	14	6140F14	32.50	35.80
5	6140F05	10.00	13.30	15	6140F15	35.00	38.30
6	6140F06	12.50	15.80				
7	6140F07	15.00	18.30				
8	6140F08	17.50	20.80				
9	6140F09	20.00	23.30				
10	6140F10	22.50	25.80				
11	6140F11	25.00	28.30				

CABLING CONNECTORS

2,5 mm pitch - wire to wire connectors - 6140

L

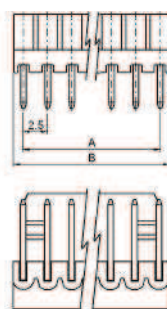
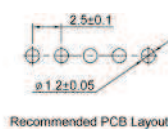
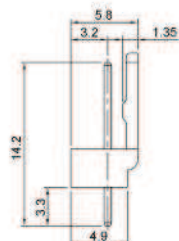
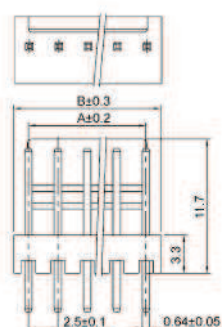


SPECIFICATIONS

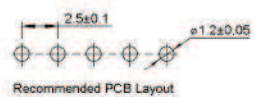
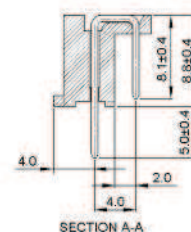
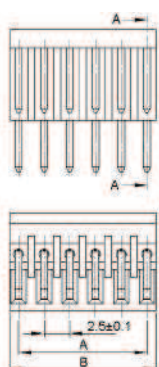
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000 AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

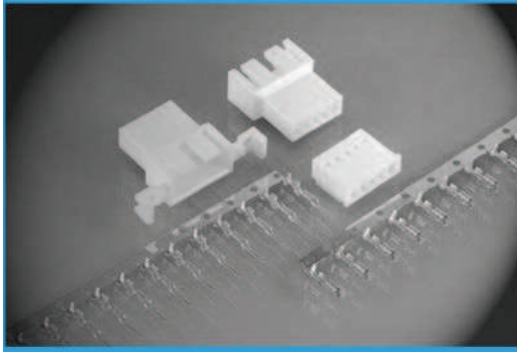
Poles: 2-15
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	PIN DS 180°	PIN DS 90°	A (mm)	B (mm)	Poles	PIN DS 180°	PIN DS 90°	A (mm)	B (mm)
2	6140M02-S	6140M02-R	2.50	5.00	12	6140M12-S	6140M12-R	27.50	30.00
3	6140M03-S	6140M03-R	5.00	7.50	13	6140M13-S	6140M13-R	30.00	32.50
4	6140M04-S	6140M04-R	7.50	10.00	14	6140M14-S	6140M14-R	32.50	35.00
5	6140M05-S	6140M05-R	10.00	12.50	15	6140M15-S	6140M15-R	35.00	37.50
6	6140M06-S	6140M06-R	12.50	15.00					
7	6140M07-S	6140M07-R	15.00	17.50					
8	6140M08-S	6140M08-R	17.50	20.00					
9	6140M09-S	6140M09-R	20.00	22.50					
10	6140M10-S	6140M10-R	22.50	25.00					
11	6140M11-S	6140M11-R	25.00	27.50					



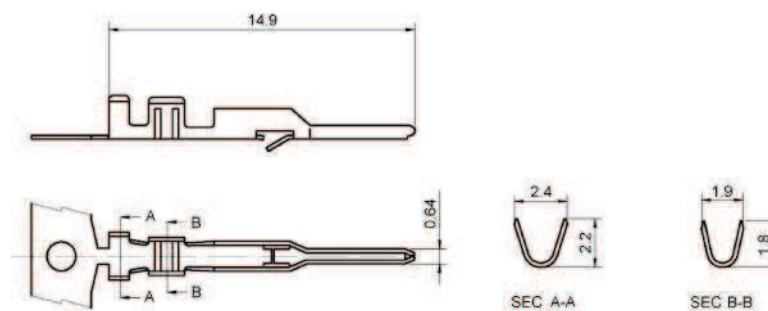
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
6	6140M06-DR	5.00	2.50				
7	6140M07-DR	7.50	5.00				
12	6140M12-DR	10.00	7.50				

**SPECIFICATIONS**

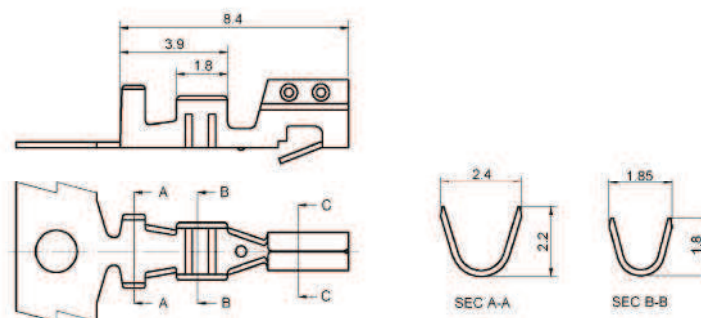
Voltage Rating: 250V AC, DC
 Current Rating: 3A AC, DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires: AWG 22 ~ 28
 Material: brass/Phosphore bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel



App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6140TP	Brass	Tin plated	10.000/reel



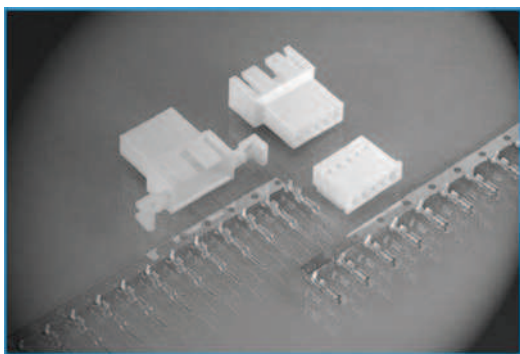
App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6140TR	Brass	Tin plated	10.000/reel

Phosphor bronze material available, for more information please contact us.

CABLING CONNECTORS

2,5 mm pitch - wire to wire connectors - 6140

L

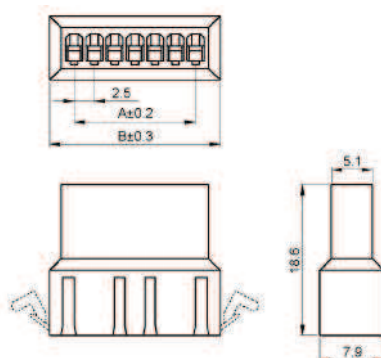


SPECIFICATIONS

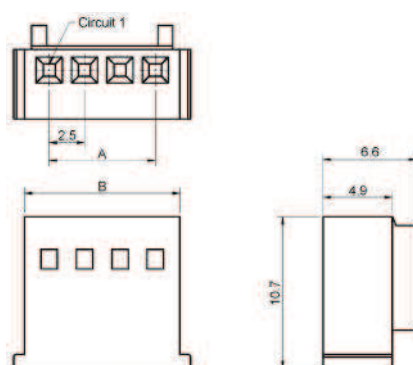
Voltage Rating: 250V AC, DC
 Current Rating: 3A AC, DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HOUSING

Poles: 2-12 (6140P); 2-20 (6140R)
 Material: Nylon, UL 94V-0
 Q.ty: 1000 pcs/bag



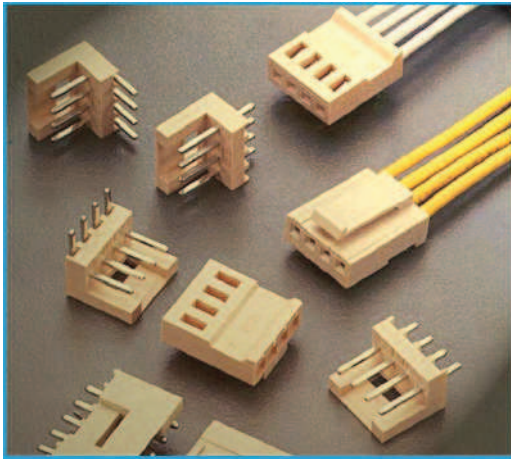
Poles	PIN with m.e.	PIN w/o m.e.	A (mm)	B (mm)	Poles	PIN with m.e.	PIN w/o m.e.	A (mm)	B (mm)
02	6140P02W	6140P02WO	2.50	8.60	12	6140P12W	6140P12WO	27.50	33.60
03	6140P03W	6140P03WO	5.00	11.10					
04	6140P04W	6140P04WO	7.50	13.60					
05	6140P05W	6140P05WO	10.00	16.10					
06	6140P06W	6140P06WO	12.50	18.60					
07	6140P07W	6140P07WO	15.00	21.10					
08	6140P08W	6140P08WO	17.50	23.60					
09	6140P09W	6140P09WO	20.00	26.10					
10	6140P10W	6140P10WO	22.50	28.60					
11	6140P11W	6140P11WO	25.00	31.10					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
02	6140R02W	2.50	6.00	12	6140R12W	27.50	31.00
03	6140R03W	5.00	8.50	13	6140R13W	30.00	33.50
04	6140R04W	7.50	11.00	14	6140R14W	32.50	36.00
05	6140R05W	10.00	13.50	15	6140R15W	35.00	38.50
06	6140R06W	12.50	16.00	16	6140R16W	37.50	41.00
07	6140R07W	15.00	18.50	17	6140R17W	40.00	43.50
08	6140R08W	17.50	21.00	18	6140R18W	42.50	46.00
09	6140R09W	20.00	23.50	19	6140R19W	45.00	48.50
10	6140R10W	22.50	26.00	20	6140R20W	47.50	51.00
11	6140R11W	25.00	28.50				

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6150



SPECIFICATIONS

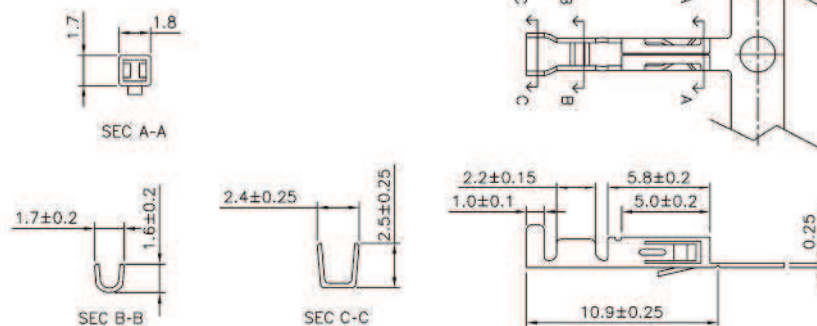
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

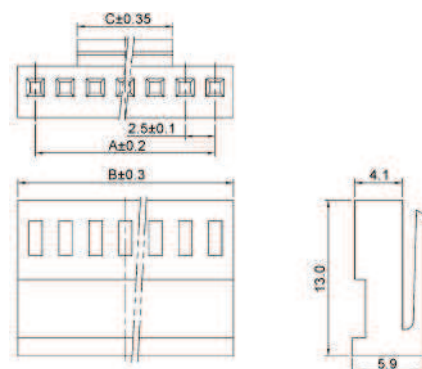
Applicable wires: AWG 22 ~ 30
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

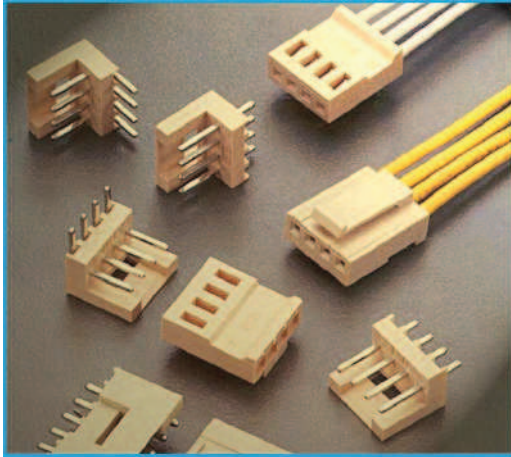
Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-30	6150T	Phosp.bronze	Tin pl.	15000					



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6150F02	2.50	5.50	2.00	12	6150F12	27.50	30.50	11.00
3	6150F03	5.00	8.00	2.50	13	6150F13	30.00	33.00	13.00
4	6150F04	7.50	10.50	5.00	14	6150F14	32.50	35.50	13.00
5	6150F05	10.00	13.00	5.00	15	6150F15	35.00	38.00	13.00
6	6150F06	12.50	15.50	6.00					
7	6150F07	15.00	18.00	8.00					
8	6150F08	17.50	20.50	10.00					
9	6150F09	20.00	23.00	10.00					
10	6150F10	22.50	25.50	10.00					
11	6150F11	25.00	28.00	11.00					

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 3A AC,DC

Withstanding Voltage: 1000V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -25°C ~ +85°C

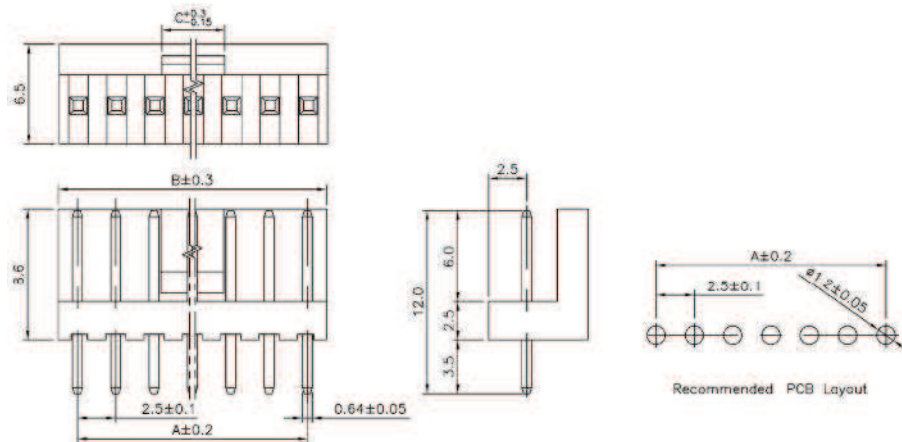
Contact Resistance: 20 m Ω max.**HEADER**

Poles: 2-15

Material (base): Nylon 66, UL 94V-0

Material (post): Brass, Tin plated

Q.ty: 1000 pcs/bag

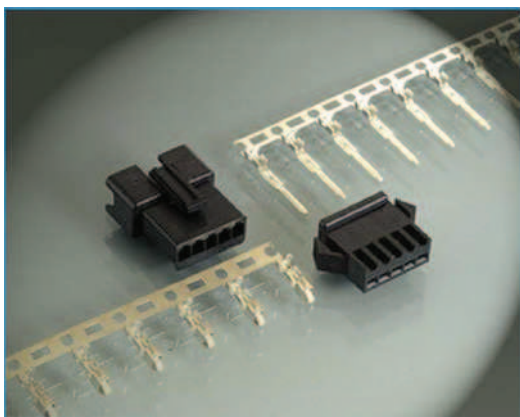


Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6150M02-S	2.50	5.00	2.20
3	6150M03-S	5.00	7.50	2.70
4	6150M04-S	7.50	10.00	5.20
5	6150M05-S	10.00	12.50	5.20
6	6150M06-S	12.50	15.00	6.20
7	6150M07-S	15.00	17.50	8.20
8	6150M08-S	17.50	20.00	10.20
9	6150M09-S	20.00	22.50	10.20
10	6150M10-S	22.50	25.00	10.20
11	6150M11-S	25.00	27.50	11.20
12	6150M12-S	27.50	30.00	11.20
13	6150M13-S	30.00	32.50	13.20
14	6150M14-S	32.50	35.00	13.20
15	6150M15-S	35.00	37.50	13.20

CABLING CONNECTORS

2,5 mm pitch - wire to wire connectors - 6130

L



SPECIFICATIONS

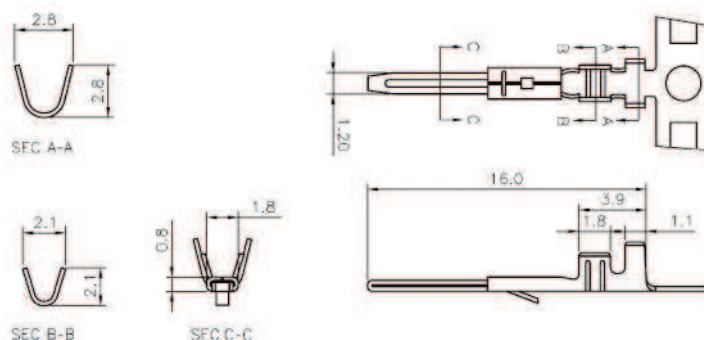
Voltage Rating: 250V AC,DC
Current Rating: 3A AC,DC
Withstanding Voltage: 800V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

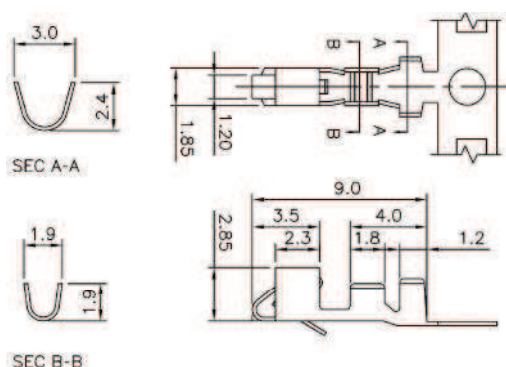
Applicable wires: AWG 22 ~ 28
Material: Brass
Finish: Tin plated
Q.ty: 7000 pcs/reel

HOUSING

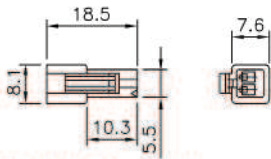
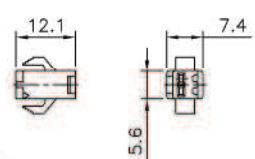
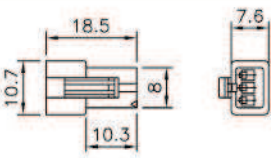
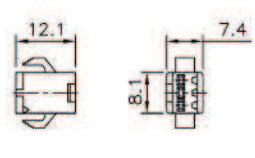
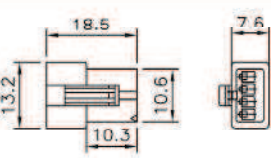
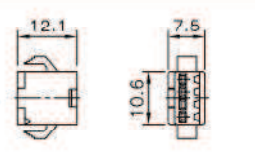
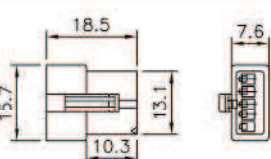
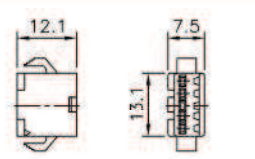
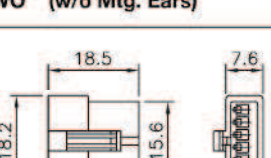
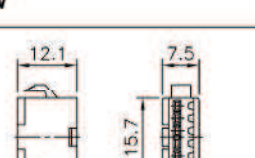
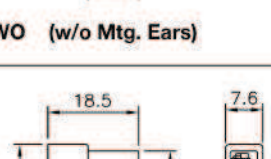
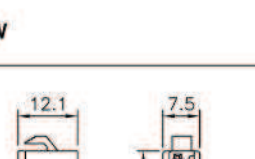
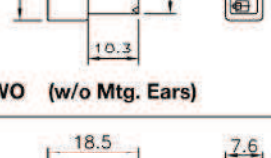
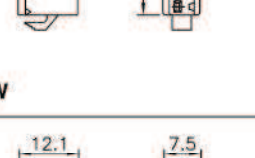
Poles: 2-18
Material: Nylon 66, UL 94V-0
Q.ty: 1000 pcs/bag



Applicable Wires	Part No.	Insulation O.D.	Material	Finish	Q.ty
AWG 22-28	6130TP	1.7 mm	Brass	Tin plated	7.000 pcs/reel



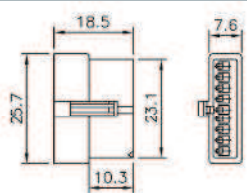
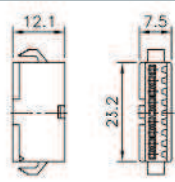
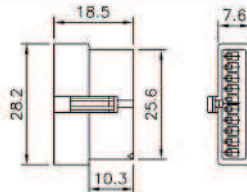
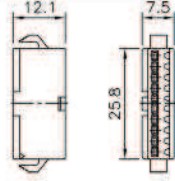
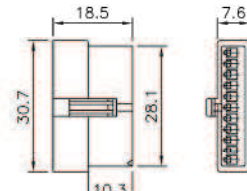
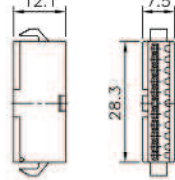
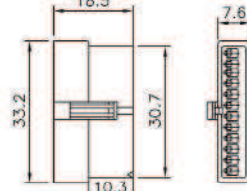
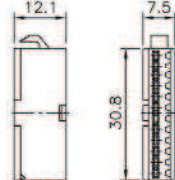
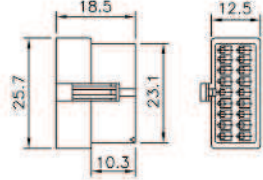
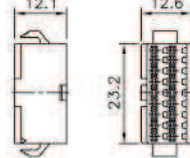
Applicable Wires	Part No.	Insulation O.D.	Material	Finish	Q.ty
AWG 22-28	6130TR	1.7 mm	Brass	Tin plated	7.000 pcs/reel

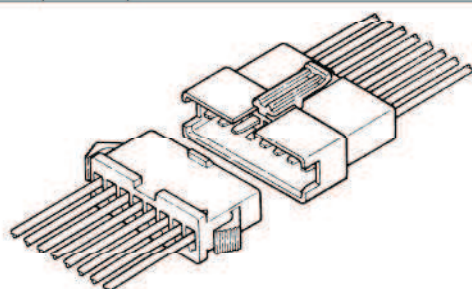
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
2	3A	250V	 6130P02WO (w/o Mtg. Ears)	 6130R02W
3	3A	250V	 6130P03WO (w/o Mtg. Ears)	 6130R03W
4	3A	250V	 6130P04WO (w/o Mtg. Ears)	 6130R04W
5	3A	250V	 6130P05WO (w/o Mtg. Ears)	 6130R05W
6	3A	250V	 6130P06WO (w/o Mtg. Ears)	 6130R06W
7	3A	250V	 6130P07WO (w/o Mtg. Ears)	 6130R07W
8	3A	250V	 6130P08WO (w/o Mtg. Ears)	 6130R08W

CABLING CONNECTORS

2,5 mm pitch - wire to wire connectors - 6130



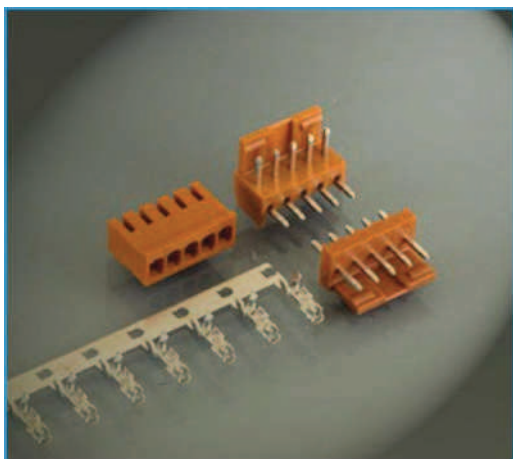
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
9	3A	250V	 6130P09WO (w/o Mtg. Ears)	 6130R09W
10	3A	250V	 6130P10WO (w/o Mtg. Ears)	 6130R10W
11	3A	250V	 6130P11WO (w/o Mtg. Ears)	 6130R11W
12	3A	250V	 6130P12WO (w/o Mtg. Ears)	 6130R12W
18	3A	250V	 6130P18WO (w/o Mtg. Ears)	 6130R18W



CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6160

L



SPECIFICATIONS

Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 800 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

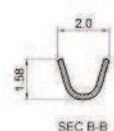
Applicable wires: AWG 22 ~ 28
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



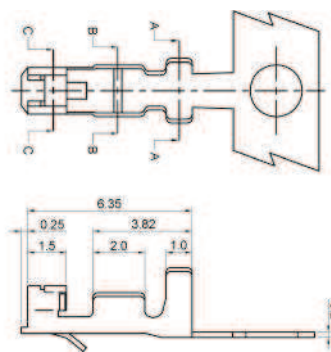
SEC A-A



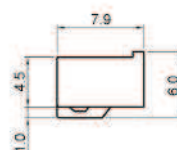
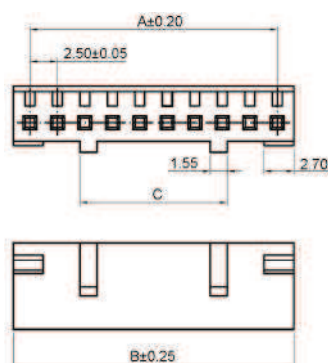
SEC B-B



SEC C-C



App. Wire	Part No.	Material	Finish	Pack	App. Wire	Part No.	Material	Finish	Pack
AWG 22-28	6160T	Phosp. broze	Tin pl.	reel					

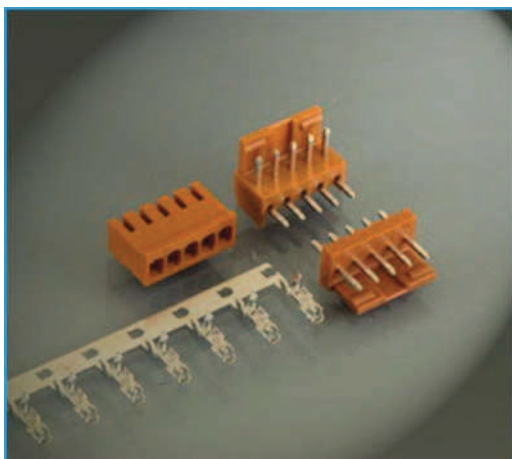


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6160F02	2.50	5.50	1.30	12	6160F12	27.50	30.50	18.40
3	6160F03	5.00	8.00	1.80	13	6160F13	30.00	33.00	20.90
4	6160F04	7.50	10.50	2.40	14	6160F14	32.50	35.50	23.40
5	6160F05	10.00	13.00	2.90	15	6160F15	35.00	38.00	25.90
6	6160F06	12.50	15.50	3.40					
7	6160F07	15.00	18.00	5.90					
8	6160F08	17.50	20.50	8.40					
9	6160F09	20.00	23.00	10.90					
10	6160F10	22.50	25.50	13.40					
11	6160F11	25.00	28.00	15.90					

CABLING CONNECTORS

2,5 mm pitch - wire to board connectors - 6160

L



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 3A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

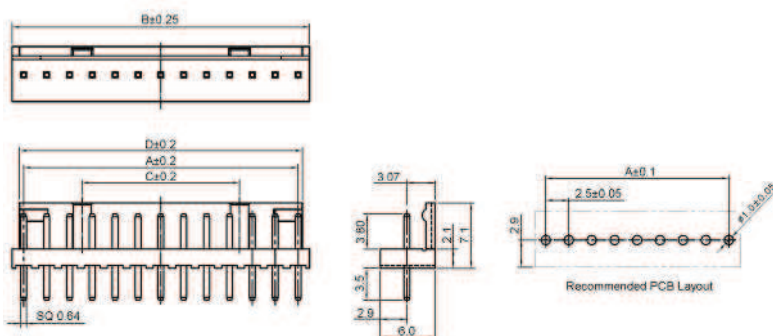
HEADER

Poles: 2-215

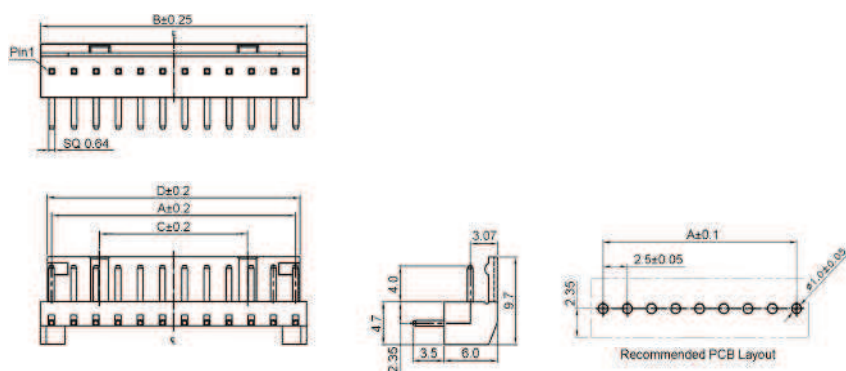
Material (base): Nylon 66, UL 94V-0

Material (post): Brass, Tin plated

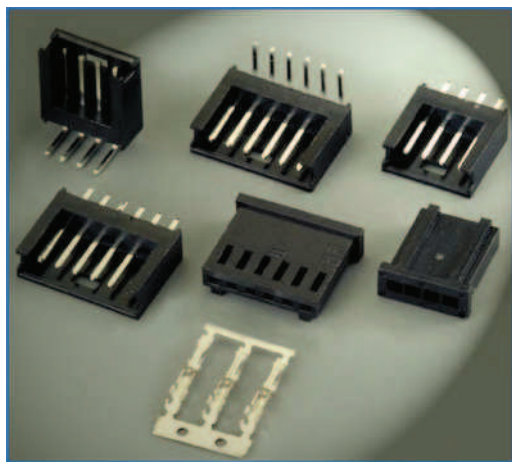
Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6160M02-S	2.50	5.00	1.35	---	12	6160M12-S	27.50	30.00	16.70	---
3	6160M03-S	5.00	7.50	2.00	---	13	6160M13-S	30.00	32.50	19.20	30.90
4	6160M04-S	7.50	10.00	2.50	---	14	6160M14-S	32.50	35.00	21.70	33.40
5	6160M05-S	10.00	12.50	3.00	---	15	6160M15-S	35.00	37.50	24.20	35.90
6	6160M06-S	12.50	15.00	3.50	---						
7	6160M07-S	15.00	17.50	4.20	---						
8	6160M08-S	17.50	20.00	6.70	---						
9	6160M09-S	20.00	22.50	9.20	---						
10	6160M10-S	22.50	25.00	11.70	---						
11	6160M11-S	25.00	27.50	14.20	---						



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6160M02-R	2.50	5.00	1.35	---	12	6160M12-R	27.50	30.00	16.70	---
3	6160M03-R	5.00	7.50	2.00	---	13	6160M13-R	30.00	32.50	19.20	30.90
4	6160M04-R	7.50	10.00	2.50	---	14	6160M14-R	32.50	35.00	21.70	33.40
5	6160M05-R	10.00	12.50	3.00	---	15	6160M15-R	35.00	37.50	24.20	35.90
6	6160M06-R	12.50	15.00	3.50	---						
7	6160M07-R	15.00	17.50	4.20	---						
8	6160M08-R	17.50	20.00	6.70	---						
9	6160M09-R	20.00	22.50	9.20	---						
10	6160M10-R	22.50	25.00	11.70	---						
11	6160M11-R	25.00	27.50	14.20	---						

**SPECIFICATIONS**

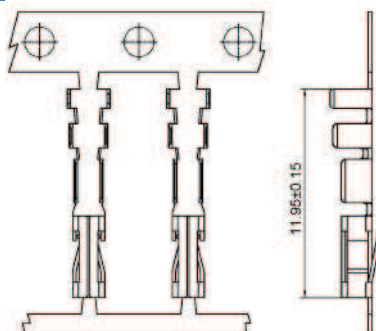
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +80°C
 Contact Resistance: 30 mΩ max.

HOUSING

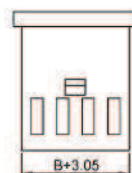
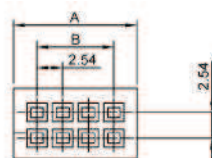
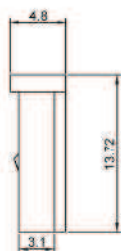
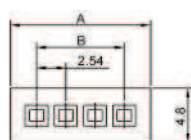
Poles: 2-44
 Material: Noryl, UL 94V-1
 Packaging : 1000 pcs/bag

TERMINAL

Applicable wires: AWG 22 ~ 26
 Material: Phosphor bronze
 Finish: Gold or Tin over Nickel



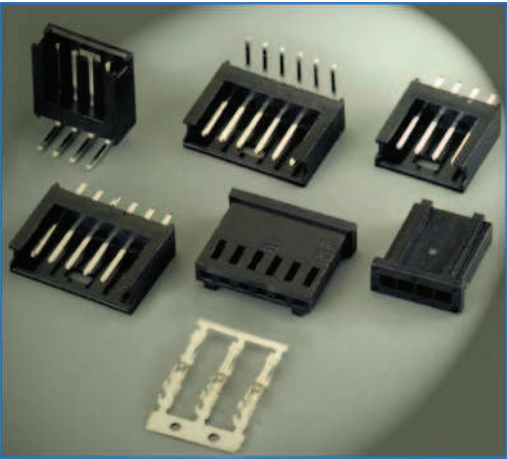
Part No	Finish	Qty	Pack.	Part No	Finish	Qty	Pack.
5134620K60	Tin	20.000	reel				
5134625060	Tin	250	loose				
5134610K630	Au Total	10.000	reel				
51346250630	Au Total	250	loose				
5134610K690	Au Sel.	10.000	reel				
51346250690	Au Sel.	250	loose				



Poles	Part No.	A(mm)	B(mm)	Poles	Part No.	A(mm)	B(mm)
2	513461026	7.12	2.54	22+22	513462226	57.92	53.54
4	513461046	12.20	7.62				
6	513461066	17.28	12.70				
8	513461086	22.36	17.78				
10	513461106	27.44	22.86				
12	513461126	32.52	27.94				
22	513461226	57.92	53.54				
4+4	513462046	12.20	7.62				
8+8	513462086	22.36	17.78				
12+12	513462126	32.52	27.94				

CABLING CONNECTORS

2.54 mm pitch - wire to board connectors - System 100



SPECIFICATIONS

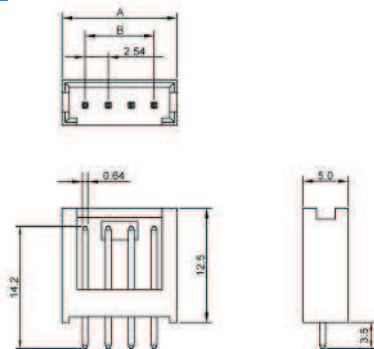
Voltage Rating: 250V AC,DC
 Current Rating: 3A
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +80°C
 Contact Resistance: 30 mΩ max.

MATERIALS

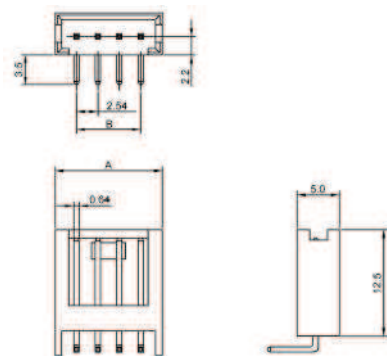
Insulator: Noryl, UL 94V-1
 Contact: Brass
 Plating: Selective Gold or Tin over Nickel

FEATURES

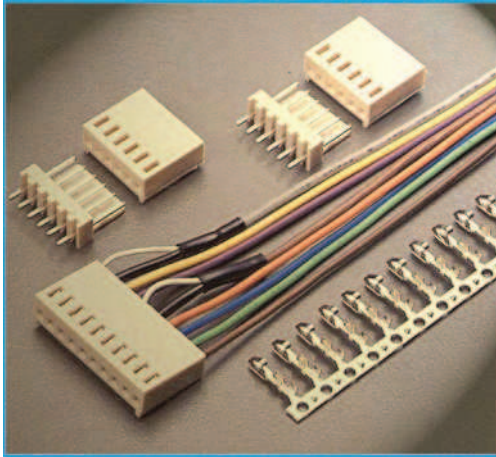
Poles: 2-6
 Mate with 51346F series
 Packaging: 1000 pcs/bag



Poles	PIN Tin pl.	PIN Gold pl.	A (mm)	B (mm)
2	5134610220	51346102230	7.3	2.54
4	5134610420	51346104230	12.5	7.62
6	5134610620	51346106230	17.6	12.70



Poles	PIN Tin pl.	PIN Gold pl.	A (mm)	B (mm)
2	5134610290	51346102930	7.3	2.54
4	5134610490	51346104930	12.5	5.08
6	5134610690	51346106930	17.6	7.62

**SPECIFICATIONS**

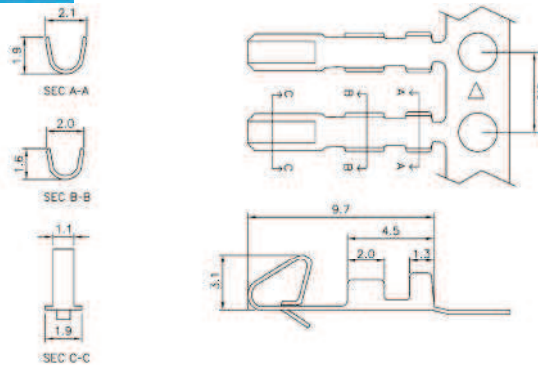
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000 AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

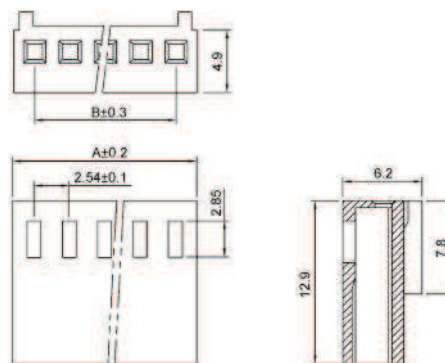
Applicable wires: AWG 22 ~ 30
 Material: Brass
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-20
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-30	6113T	Brass	Tin pl.	10000					

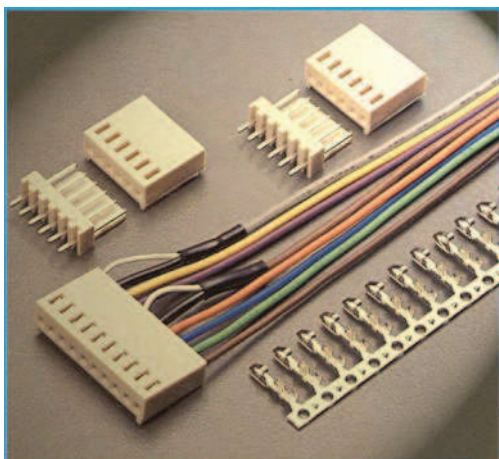


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6113F02	5.60	2.54	12	6113F12	31.00	27.94
3	6113F03	8.14	5.08	13	6113F13	33.54	30.48
4	6113F04	10.68	7.62	14	6113F14	36.08	33.02
5	6113F05	13.22	10.16	15	6113F15	38.62	35.56
6	6113F06	15.76	12.70	16	6113F16	41.16	38.10
7	6113F07	18.30	15.24	17	6113F17	43.70	40.64
8	6113F08	20.84	17.78	18	6113F18	46.24	43.18
9	6113F09	23.38	20.32	19	6113F19	48.78	45.72
10	6113F10	25.92	22.86	20	6113F20	51.32	48.26
11	6113F11	28.46	25.40				

CABLING CONNECTORS

2.54 mm pitch - wire to board connectors - 6113

L

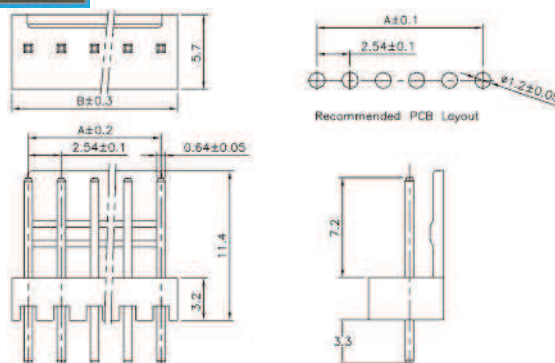


SPECIFICATIONS

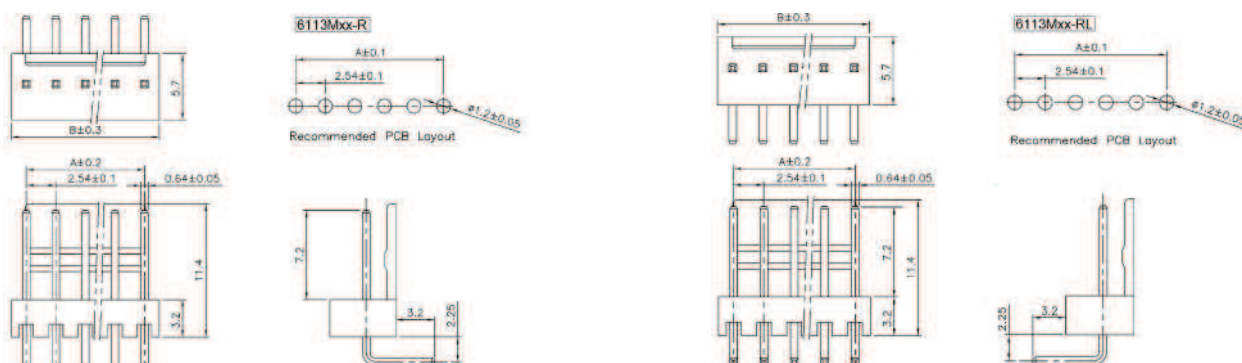
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000 AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

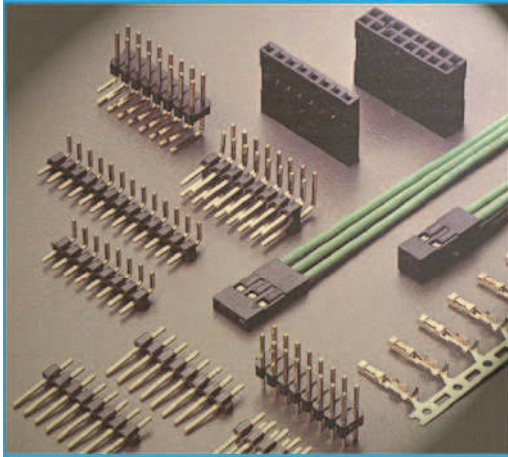
Poles: 2-20
 Material (base): Nylon 66, UL94V-2
 Material (post): Brass/ Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6113M02-S	5.08	2.54	12	6113M12-S	30.48	27.94
3	6113M03-S	7.62	5.08	13	6113M13-S	33.02	30.48
4	6113M04-S	10.16	7.62	14	6113M14-S	35.56	33.02
5	6113M05-S	12.70	10.16	15	6113M15-S	38.10	35.56
6	6113M06-S	15.24	12.70	16	6113M16-S	40.64	38.10
7	6113M07-S	17.78	15.24	17	6113M17-S	43.18	40.64
8	6113M08-S	21.32	17.78	18	6113M18-S	45.72	43.18
9	6113M09-S	22.86	21.32	19	6113M19-S	48.26	45.72
10	6113M10-S	25.40	22.86	20	6113M20-S	50.80	48.26
11	6113M11-S	27.94	25.40				



Poles	Part No.	Part No.	A (mm)	B (mm)	Poles	Part No.	Part No.	A (mm)	B (mm)
2	6113M02-R	6113M02-RL	5.08	2.54	12	6113M12-R	6113M12-RL	30.48	27.94
3	6113M03-R	6113M03-RL	7.62	5.08	13	6113M13-R	6113M13-RL	33.02	30.48
4	6113M04-R	6113M04-RL	10.16	7.62	14	6113M14-R	6113M14-RL	35.56	33.02
5	6113M05-R	6113M05-RL	12.70	10.16	15	6113M15-R	6113M15-RL	38.10	35.56
6	6113M06-R	6113M06-RL	15.24	12.70	16	6113M16-R	6113M16-RL	40.64	38.10
7	6113M07-R	6113M07-RL	17.78	15.24	17	6113M17-R	6113M17-RL	43.18	40.64
8	6113M08-R	6113M08-RL	20.32	17.78	18	6113M18-R	6113M18-RL	45.72	43.18
9	6113M09-R	6113M09-RL	22.86	20.32	19	6113M19-R	6113M19-RL	48.26	45.72
10	6113M10-R	6113M10-RL	25.40	22.86	20	6113M20-R	6113M20-RL	50.80	48.26
11	6113M11-R	6113M11-RL	27.94	25.40					

**SPECIFICATIONS**

Voltage Rating: 250V AC, 350V DC
 Current Rating: 3A AC, DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

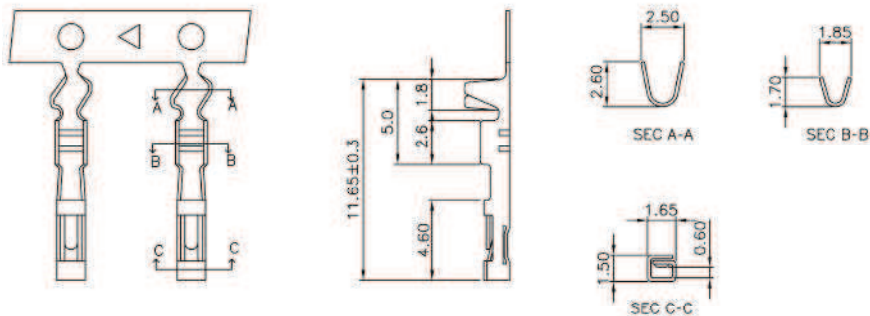
Applicable wires: AWG 22 ~ 28
 Material: Brass
 Finish: Gold plated
 Q.ty: 10000 pcs/reel

FEATURES

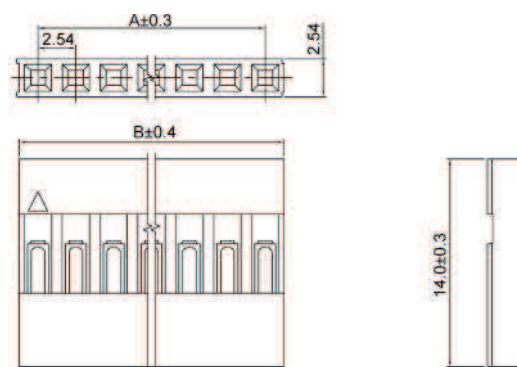
Mate with 0.63 mm square pin

HOUSING

Poles: 2-40
 Material: Noryl, UL 94V-1
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-28	6114T	Brass	Gold pl.	10000

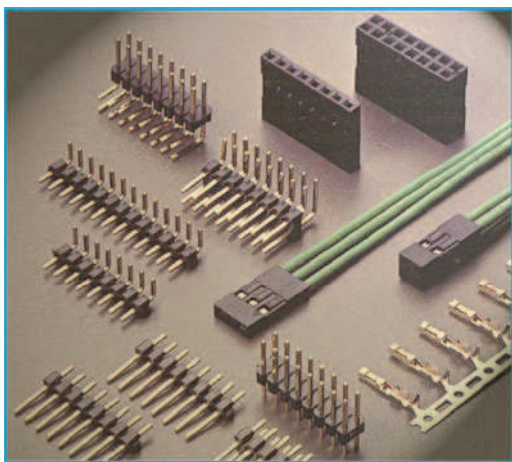


Poles	Part No.	A (mm)	B (mm)
2	6114F102	2.54	5.08
3	6114F103	5.08	7.62
4	6114F104	7.62	10.16
--	--	--	--
--	--	--	--
--	--	--	--
38	6114F138	93.98	96.52
39	6114F139	96.52	99.06
40	6114F140	99.06	101.60

CABLING CONNECTORS

2.54 mm pitch - wire to board connectors - 6114

L



SPECIFICATIONS

Voltage Rating: 250VAC, 350VDC

Current Rating: 3A AC,DC

Withstanding Voltage: 1000V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

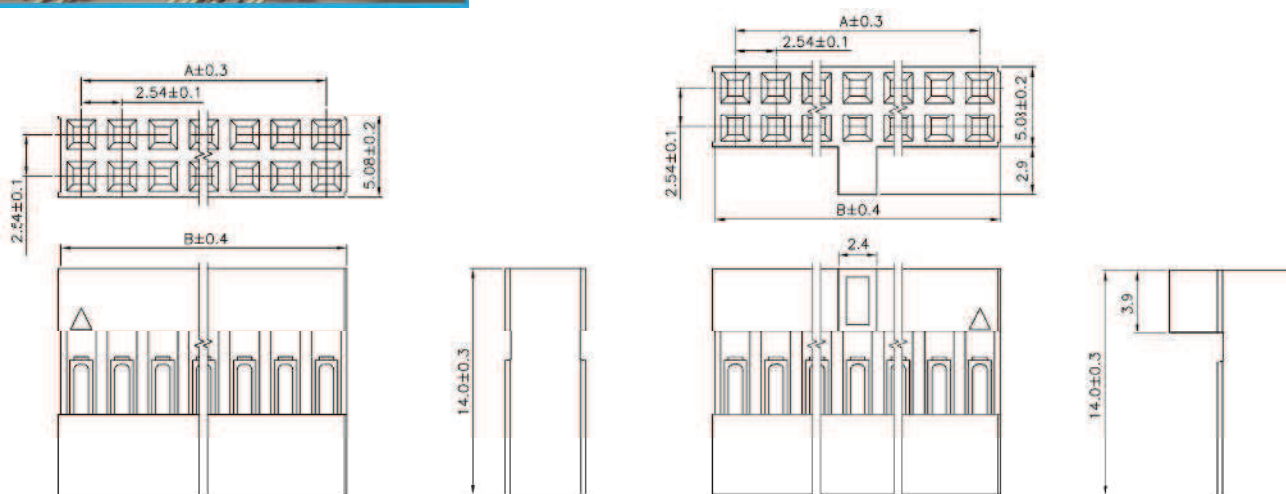
Contact Resistance: 20 mΩ max.

HOUSING

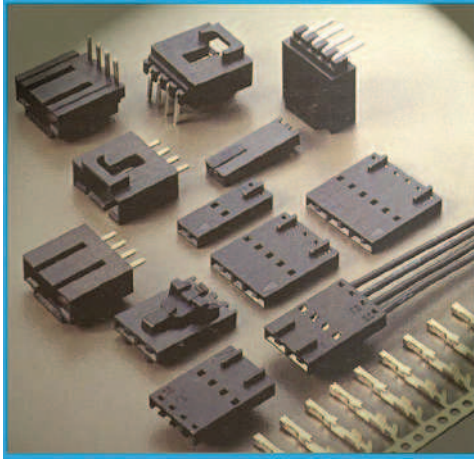
Poles: 4-80

Material: Noryl, UL 94V-1

Q.ty: 1000 pcs/bag



Poles	PIN w/o pol.	PIN w/polar.	A(mm)	B(mm)
2x2	6114F202	6114F202-1	2.54	5.08
3x2	6114F203	6114F203-1	5.08	7.62
4x2	6114F204	6114F204-1	7.62	10.16
--	--	--	--	--
--	--	--	--	--
--	--	--	--	--
38x2	6114F238	6114F238-1	93.98	96.52
39x2	6114F239	6114F239-1	96.52	99.06
40x2	6114F240	6114F240-1	99.06	101.60

**SPECIFICATIONS**

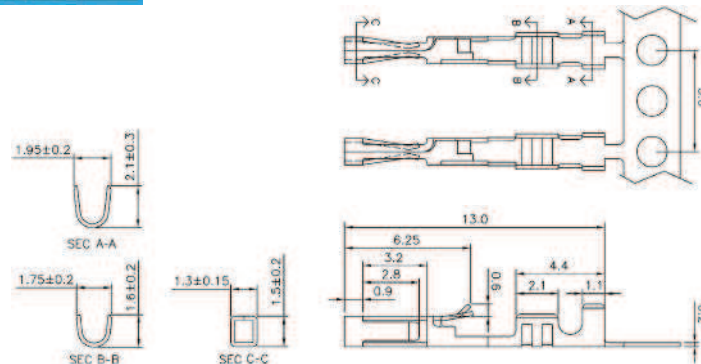
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

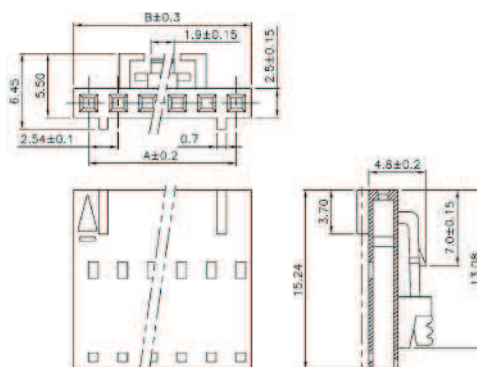
Applicable wires: AWG 22 ~ 30
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 15000 pcs/reel

HOUSING

Poles: 2-18
 Material: G.F. PBT, UL94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-30	6115T	Phosp.bronze	Tin pl.	15000					

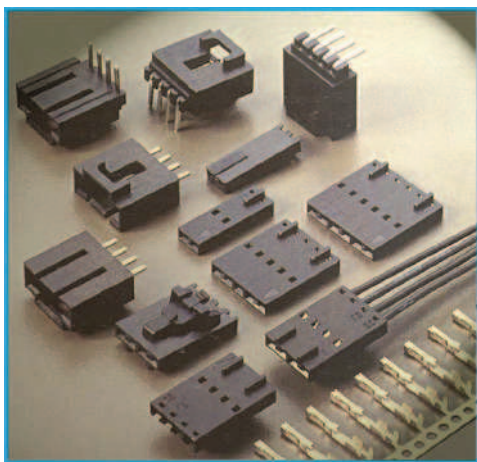


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6115F02	2.54	5.08	12	6115F12	27.94	30.48
3	6115F03	5.08	7.62	13	6115F13	30.48	33.02
4	6115F04	7.62	10.16	14	6115F14	33.02	35.56
5	6115F05	10.16	12.70	15	6115F15	35.56	38.10
6	6115F06	12.70	15.24	16	6115F16	38.10	40.64
7	6115F07	15.24	17.78	17	6115F17	40.64	43.18
8	6115F08	17.78	20.32	18	6115F18	43.18	45.72
9	6115F09	20.32	22.86				
10	6115F10	22.86	25.40				
11	6115F11	25.40	27.94				

CABLING CONNECTORS

2.54 mm pitch - wire to board connectors - 6115

L

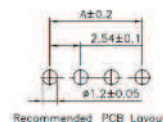
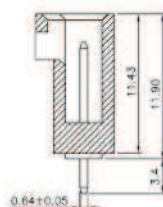
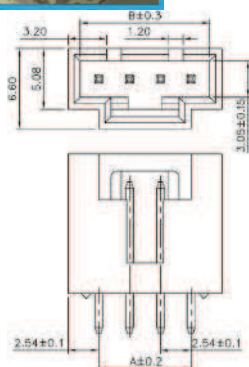


SPECIFICATIONS

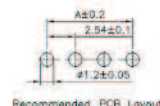
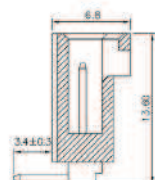
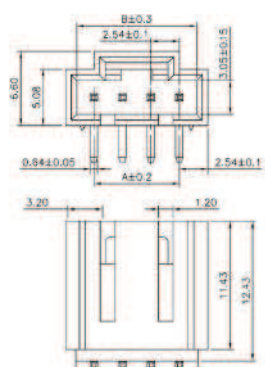
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

MATERIALS

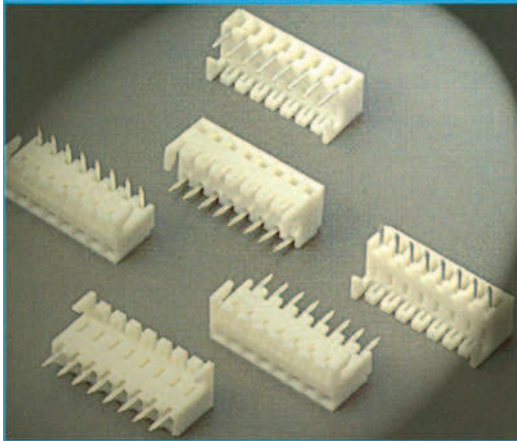
Poles: 2-18
 Material: G.F. PBT, UL94V-0
 Qty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6115M02-S	2.54	5.59	12	6115M12-S	27.94	30.99
3	6115M03-S	5.08	8.13	13	6115M13-S	30.48	33.55
4	6115M04-S	7.60	10.67	14	6115M14-S	33.02	36.08
5	6115M05-S	10.16	13.21	15	6115M15-S	35.56	38.62
6	6115M06-S	12.70	15.75	16	6115M16-S	38.10	41.16
7	6115M07-S	15.24	18.29	17	6115M17-S	40.64	43.70
8	6115M08-S	17.78	20.83	18	6115M18-S	43.18	46.24
9	6115M09-S	20.32	23.36				
10	6115M10-S	22.86	25.90				
11	6115M11-S	25.40	28.45				



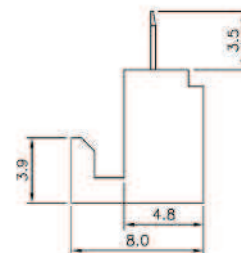
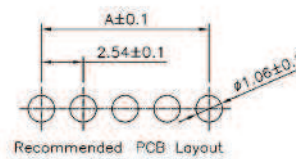
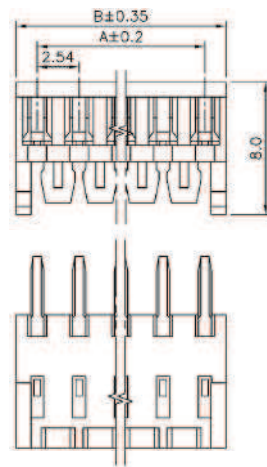
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6115M02-R	2.54	5.59	12	6115M12-R	27.94	30.99
3	6115M03-R	5.08	8.13	13	6115M13-R	30.48	33.55
4	6115M04-R	7.60	10.67	14	6115M14-R	33.02	36.08
5	6115M05-R	10.16	13.21	15	6115M15-R	35.56	38.62
6	6115M06-R	12.70	15.75	16	6115M16-R	38.10	41.16
7	6115M07-R	15.24	18.29	17	6115M17-R	40.64	43.70
8	6115M08-R	17.78	20.83	18	6115M18-R	43.18	46.24
9	6115M09-R	20.32	23.36				
10	6115M10-R	22.86	25.90				
11	6115M11-R	25.40	28.45				

**SPECIFICATIONS**

Voltage Rating: 250V AC/DC
 Current Rating: 2.5 A AC/DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Material (base): Nylon 66, UL 94V-0
 Material (post): Brass
 Finish: Tin plated
 Q.ty: 1000 pcs/tray

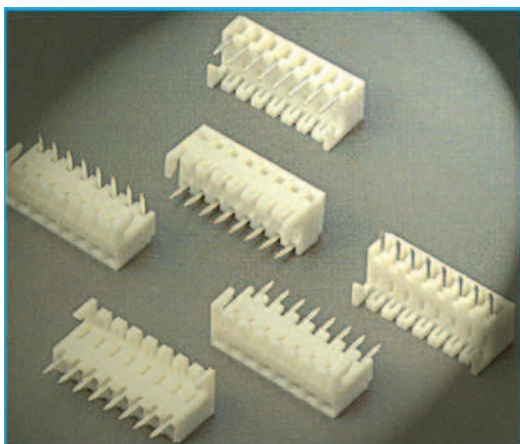


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6125F02-S	2.54	5.10	22	6125F22-S	53.34	55.90
3	6125F03-S	5.08	7.64	23	6125F23-S	55.88	58.44
4	6125F04-S	7.62	10.18	24	6125F24-S	58.42	60.89
5	6125F05-S	10.16	12.72	25	6125F25-S	60.96	63.52
6	6125F06-S	12.70	15.26	26	6125F26-S	63.50	66.06
7	6125F07-S	15.24	17.80	27	6125F27-S	66.04	68.60
8	6125F08-S	17.78	20.34	28	6125F28-S	68.58	71.14
9	6125F09-S	20.32	22.88	29	6125F29-S	71.12	73.68
10	6125F10-S	22.86	25.42	30	6125F30-S	73.66	76.22
11	6125F11-S	25.40	27.96				
12	6125F12-S	27.94	30.50				
13	6125F13-S	30.48	33.04				
14	6125F14-S	33.02	35.58				
15	6125F15-S	35.56	38.12				
16	6125F16-S	38.10	40.66				
17	6125F17-S	40.64	43.20				
18	6125F18-S	43.18	45.74				
19	6125F19-S	45.72	48.28				
20	6125F20-S	48.26	50.82				
21	6125F21-S	50.80	53.36				

CABLING CONNECTORS

2.54 mm pitch - PCB female connectors - 6125

L

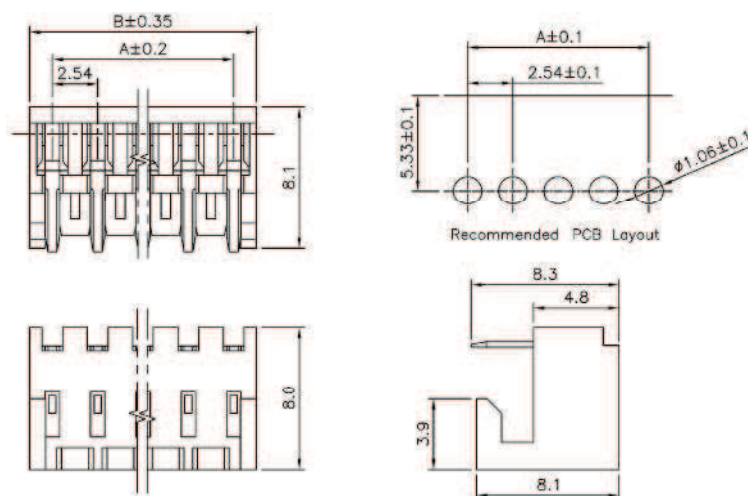


SPECIFICATIONS

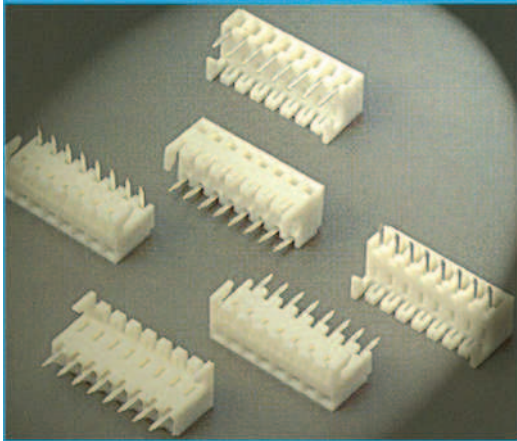
Voltage Rating: 250V AC,DC
 Current Rating: 2.5 A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

MATERIALS

Poles: 2-30
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass
 Finish: Tin plated
 Q.ty: 1000 pcs/tray



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6125F02-R	2.54	5.10	22	6125F22-R	53.34	55.90
3	6125F03-R	5.08	7.64	23	6125F23-R	55.88	58.44
4	6125F04-R	7.62	10.18	24	6125F24-R	58.42	60.98
5	6125F05-R	10.16	12.72	25	6125F25-R	60.96	63.52
6	6125F06-R	12.70	15.26	26	6125F26-R	63.50	66.06
7	6125F07-R	15.24	17.80	27	6125F27-R	66.04	68.60
8	6125F08-R	17.78	20.34	28	6125F28-R	68.58	71.14
9	6125F09-R	20.32	22.88	29	6125F29-R	71.12	73.68
10	6125F10-R	22.86	25.42	30	6125F30-R	73.66	76.22
11	6125F11-R	25.40	27.96				
12	6125F12-R	27.94	30.50				
13	6125F13-R	30.48	33.04				
14	6125F14-R	33.02	35.58				
15	6125F15-R	35.56	38.12				
16	6125F16-R	38.10	40.66				
17	6125F17-R	40.64	43.20				
18	6125F18-R	43.18	45.74				
19	6125F19-R	45.72	48.28				
20	6125F20-R	48.26	50.82				
21	6125F21-R	50.80	53.36				

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 2.5 A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

MATERIALS

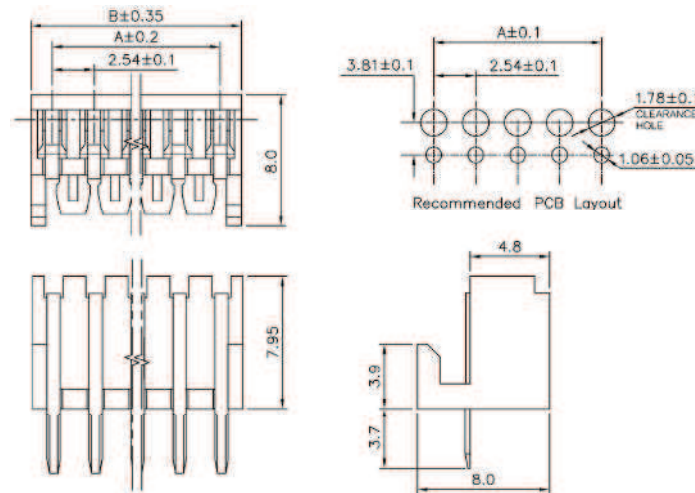
Poles: 2-30

Material (base): Nylon 66, UL 94V-0

Material (post): Brass

Finish: Tin plated

Q.ty: 1000 pcs/tray

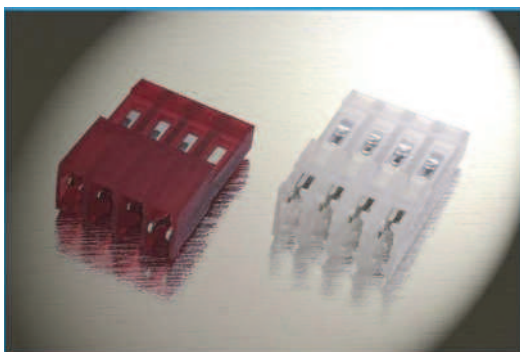


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6125F02-DR	2.54	5.10	22	6125F22-DR	53.34	55.90
3	6125F03-DR	5.08	7.64	23	6125F23-DR	55.88	58.44
4	6125F04-DR	7.62	10.18	24	6125F24-DR	58.42	60.98
5	6125F05-DR	10.16	12.72	25	6125F25-DR	60.96	63.52
6	6125F06-DR	12.70	15.26	26	6125F26-DR	63.50	66.06
7	6125F07-DR	15.24	17.80	27	6125F27-DR	66.04	68.60
8	6125F08-DR	17.78	20.34	28	6125F28-DR	68.58	71.14
9	6125F09-DR	20.32	22.88	29	6125F29-DR	71.12	73.68
10	6125F10-DR	22.86	25.42	30	6125F30-DR	73.66	76.22
11	6125F11-DR	25.40	27.96				
12	6125F12-DR	27.94	30.50				
13	6125F13-DR	30.48	33.04				
14	6125F14-DR	33.02	35.58				
15	6125F15-DR	35.56	38.12				
16	6125F16-DR	38.10	40.66				
17	6125F17-DR	40.64	43.20				
18	6125F18-DR	43.18	45.74				
19	6125F19-DR	45.72	48.28				
20	6125F20-DR	48.26	50.82				
21	6125F21-DR	50.80	53.36				

CABLING CONNECTORS

Mass terminal connectors - Mass terminal ICD p.2,54 mm

L



SPECIFICATIONS

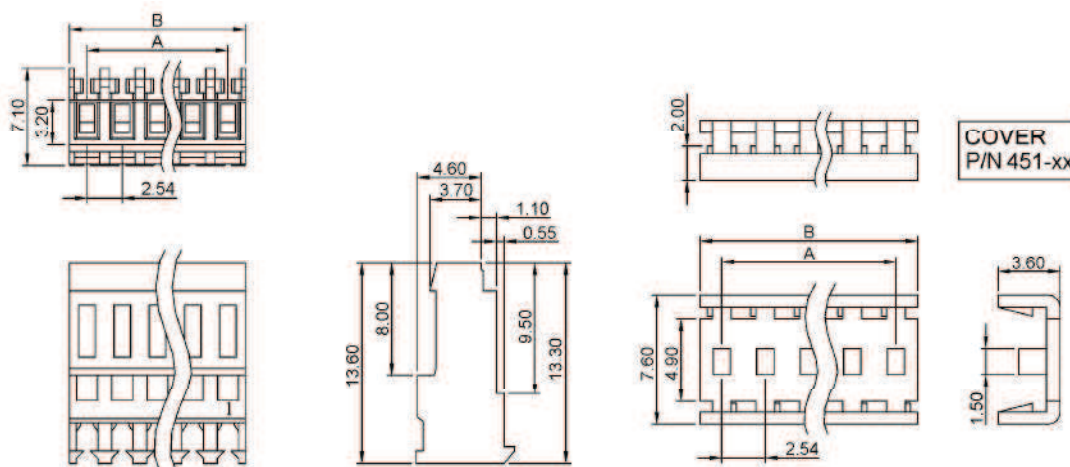
Current Rating: 3A AC,DC
Voltage Rating: 250V AC
Insulation Resistance: 1000 MΩ min.
Withstanding Voltage: 1500V AC/minute
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

FEATURES

Size 2 to 28 circuits
Applicable wire from 22 to 28 AWG
with or w/out locking ramp and polarizing rib
Mate with 0.64 mm pin
Through and End type
Terminal retention to housing 30 Nw min

MATERIAL

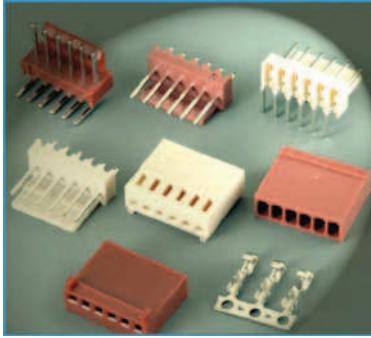
Insulator: Nylon 66, UL 94V-2
Contact: Phosphor bronze
Plating: Tin over Nickel



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	451Exo2Y80	2.54	5.08	22	451Exo22Y80	53.34	55.88
3	451Exo3Y80	5.08	7.62	23	451Exo23Y80	55.88	58.42
4	451Exo4Y80	7.62	10.16	24	451Exo24Y80	58.42	60.96
5	451Exo5Y80	10.16	12.70	25	451Exo25Y80	60.96	63.50
6	451Exo6Y80	12.70	15.24	26	451Exo26Y80	63.50	66.04
7	451Exo7Y80	15.24	17.78	27	451Exo27Y80	66.04	68.58
8	451Exo8Y80	17.78	20.32	28	451Exo28Y80	68.58	71.12
9	451Exo9Y80	20.32	22.86				
10	451Exo10Y80	22.86	25.40				
11	451Exo11Y80	25.40	27.94				
12	451Exo12Y80	27.94	30.48				
13	451Exo13Y80	30.48	33.02				
14	451Exo14Y80	33.02	35.56				
15	451Exo15Y80	35.56	38.10				
16	451Exo16Y80	38.10	40.64				
17	451Exo17Y80	40.64	43.18				
18	451Exo18Y80	43.18	45.72				
19	451Exo19Y80	45.72	48.26				
20	451Exo20Y80	48.26	50.80				
21	451Exo21Y80	50.80	53.34				

xx: Select requested AWG : 22-24-26-28 ;

Selective Gold plating available upon request, MOQ is required.

**SPECIFICATIONS**

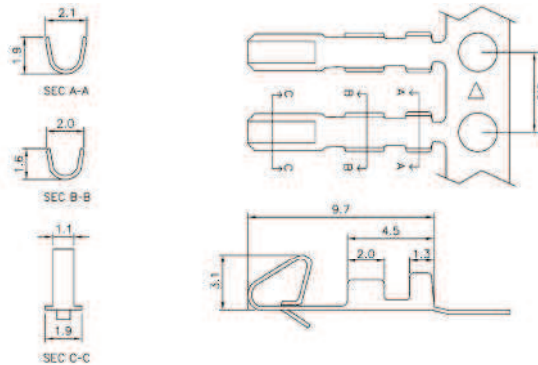
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000 AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

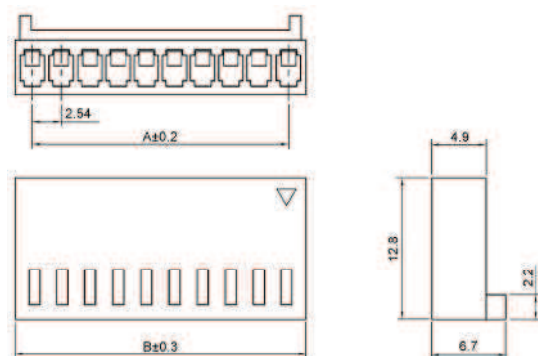
Applicable wires: AWG 22 ~ 30
 Material: Brass
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

Poles: 2-12
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 22-30	6113T	Brass	Tin pl.	10000					

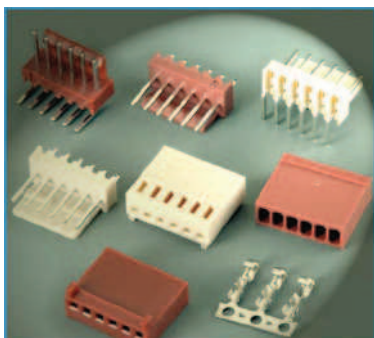


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6172F02	2.54	5.08	12	6172F12	27.94	30.48
3	6172F03	5.08	7.62				
4	6172F04	7.62	10.16				
5	6172F05	10.16	12.70				
6	6172F06	12.70	15.24				
7	6172F07	15.24	17.78				
8	6172F08	17.78	20.32				
9	6172F09	20.32	22.86				
10	6172F10	22.86	25.40				
11	6172F11	25.40	27.94				

CABLING CONNECTORS

2.54 mm pitch - wire to board connectors - 6172M

L

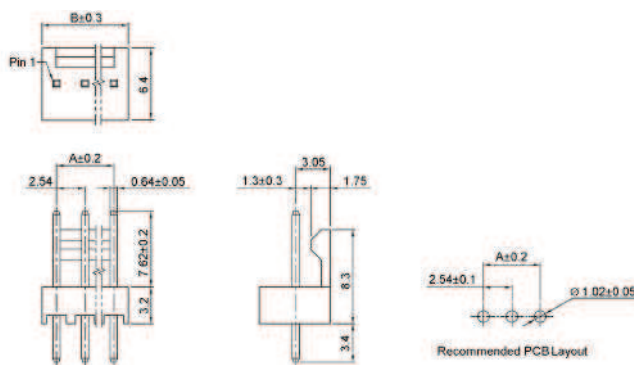


SPECIFICATIONS

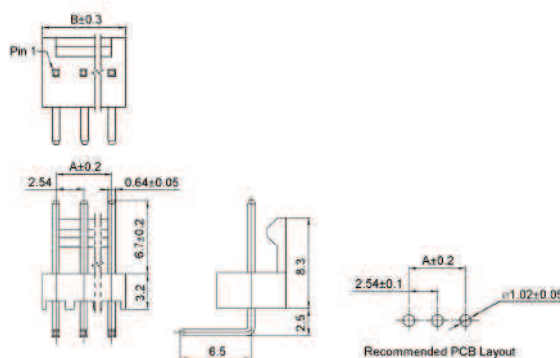
Voltage Rating: 250V AC,DC
 Current Rating: 3A AC,DC
 Withstanding Voltage: 1000 AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

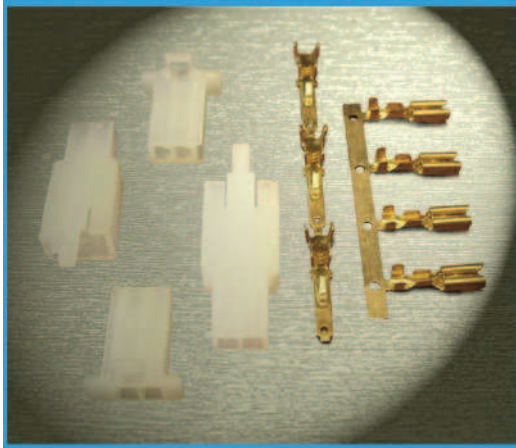
Poles: 2-12
 Material (base): Nylon 66, UL94V-2
 Material (post): Brass/ Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6172M02-S	2.54	5.08	12	6172M12-S	27.94	30.48
3	6172M03-S	5.08	7.62				
4	6172M04-S	7.62	10.16				
5	6172M05-S	10.16	12.70				
6	6172M06-S	12.70	15.24				
7	6172M07-S	15.24	17.78				
8	6172M08-S	17.78	21.32				
9	6172M09-S	21.32	22.86				
10	6172M10-S	22.86	25.40				
11	6172M11-S	25.40	27.94				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6172M02-R	2.54	5.08	12	6172M12-R	27.94	30.48
3	6172M03-R	5.08	7.62				
4	6172M04-R	7.62	10.16				
5	6172M05-R	10.16	12.70				
6	6172M06-R	12.70	15.24				
7	6172M07-R	15.24	17.78				
8	6172M08-R	17.78	20.32				
9	6172M09-R	20.32	22.86				
10	6172M10-R	22.86	25.40				
11	6172M11-R	25.40	27.94				

**SPECIFICATIONS**

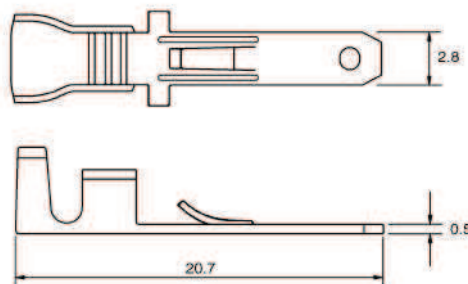
Voltage Rating: 250V AC,DC
 Current Rating: 5A AC DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 100 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires: AWG 16 ~ 24
 Material: Brass
 Finish: None
 Q.ty: 10000 pcs/reel

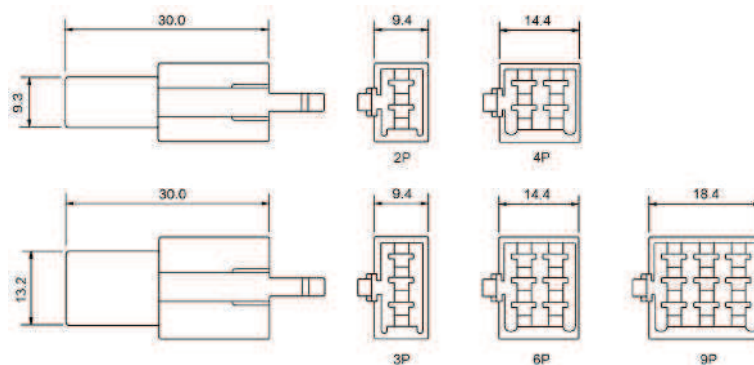
HOUSING

Poles: 2, 3, 4, 6, 9
 Material: PA66 UL 94V-2, Natural
 Qty: 1000 pcs/bag



Applicable Wires	Part No	Insulation O.D.	Material	Finish	Q.ty
AWG 18-16	6131 TPA	3.0 mm max.	brass	None	10000/reel
AWG 24-20	6131 TPB	1.8 mm max.	brass	None	10000/reel

For Tin plated version, add T to Part No.



Poles	PIN w/o lock	PIN w/lock
2	6131 P02W/O	6131 P02W
3	6131 P03W/O	6131 P03W
4	6131 P04W/O	6131 P04W
6	6131 P06W/O	6131 P06W
9	6131 P09W/O	6131 P09W

CABLING CONNECTORS

2,8 mm series - Wire to Wire connectors - 6132

L



SPECIFICATIONS

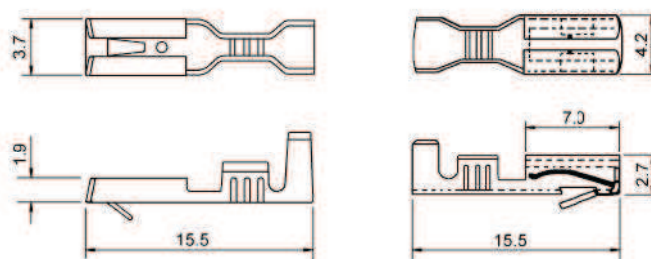
Voltage Rating: 250V AC,DC
Current Rating: 5A AC DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 100 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wire: AWG 16 ~ 24
Material: Brass
Finish: None
Q.ty: 5.000/10.000 pcs/reel

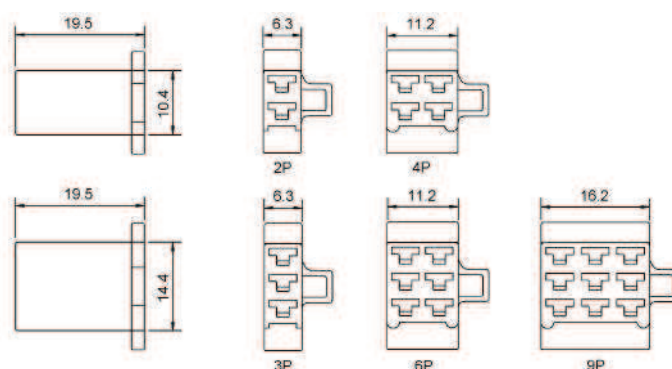
HOUSING

Poles: 2, 3, 4, 6, 9
Material: PA66 UL 94V-2, Natural
Q.ty: 1000 pcs/bag



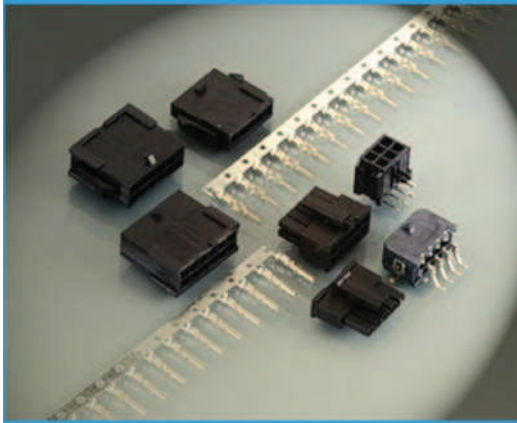
Applicable Wires	Part No.	Isolation O.D.	Material	Finish	Q.ty
AWG 16-20	6132TRA	3.0 mm max	brass	None	10000/reel
AWG 18-24	6132TRB	2.1 mm max	brass	None	5000/reel
AWG 18-22	6132TRC	2.1 mm max	brass	None	10000/reel

For Tin plated version, add T to Part No.



Poles	PIN w/o lock	PIN w/lock	PIN w/lock (*)
2	6132R02W/O	6132R02W	6132R02WB
3	6132R03W/O	6132R03W	6132R03WB
4	6132R04W/O	6132R04W	6132R04WB
6	6132R06W/O	6132R06W	6132R06WB
9	6132R09W/O	6132R09W	6132R09WB

(*) Use only with 6132TRB Crimp terminal

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +85°C

Contact Resistance: 20 mΩ max.

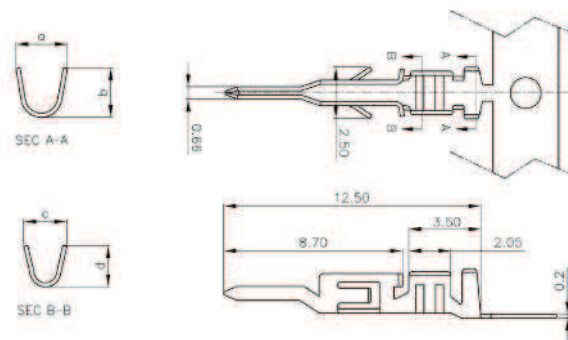
TERMINAL

Applicable wires: AWG 20 ~ 24; 26 ~ 30

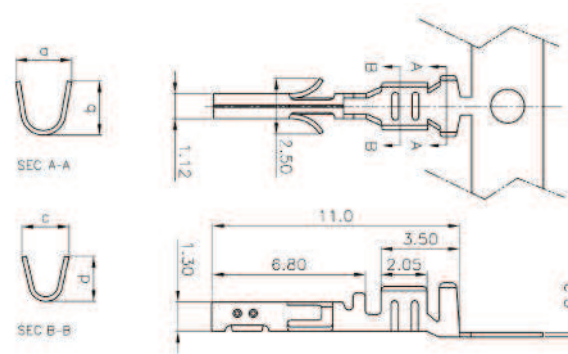
Material: Phosphor bronze

Finish: Tin plated

Q.ty: 10000 pcs/reel



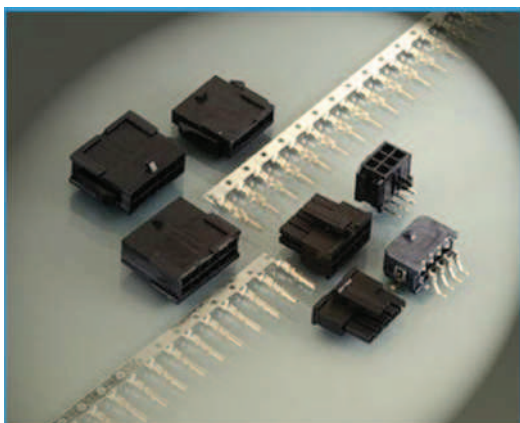
Applicable Wires	Part No.	Q.ty	a (mm)	b (mm)	c (mm)	d (mm)
AWG 20-24	6149TP1	10000/reel	2.70	2.50	2.10	2.10
AWG 26-30	6149TP2	10000/reel	2.40	1.90	1.80	1.50



Applicable Wires	Part No.	Q.ty	a (mm)	b (mm)	c (mm)	d (mm)
AWG 20-24	6149TR1	10000/reel	2.70	2.50	2.10	2.10
AWG 26-30	6149TR2	10000/reel	2.40	1.90	1.80	1.50

CABLING CONNECTORS

3.0 mm pitch - wire to board connectors - 6149

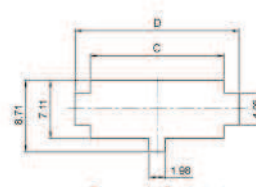
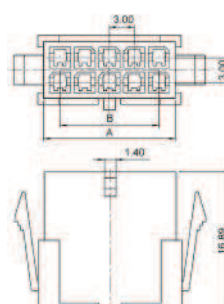
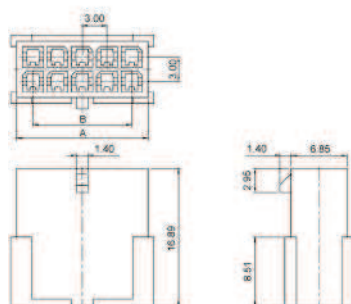


SPECIFICATIONS

Voltage Rating: 250V AC,DC
 Current Rating: 5A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +85°C
 Contact Resistance: 20 mΩ max.

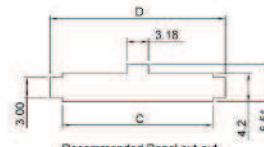
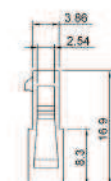
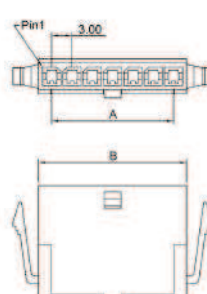
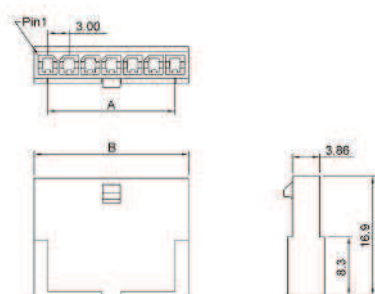
PLUG

Poles (Single row): 2-12
 Poles (Double row): 2-24
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



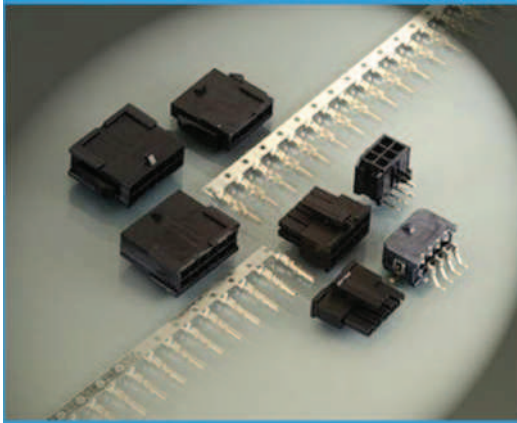
Recommended Panel cut-out

Poles	PIN w/o ears	PIN with ears	A (mm)	B (mm)	Poles	PIN w/o ears	PIN with ears	A (mm)	B (mm)
2	6149P02W/O	6149P02W	4.00	---	22	6149P22W/O	6149P22W	34.00	30.00
4	6149P04W/O	6149P04W	7.00	3.00	24	6149P24W/O	6149P24W	37.00	33.00
6	6149P06W/O	6149P06W	10.00	6.00					
8	6149P08W/O	6149P08W	13.00	9.00					
10	6149P10W/O	6149P10W	16.00	12.00					
12	6149P12W/O	6149P12W	19.00	15.00					
14	6149P14W/O	6149P14W	22.00	18.00					
16	6149P16W/O	6149P16W	25.00	21.00					
18	6149P18W/O	6149P18W	28.00	24.00					
20	6149P20W/O	6149P20W	31.00	27.00					



Recommended Panel cut-out

Poles	PIN w/o ears	PIN with ears	A(mm)	B(mm)	C(mm)	D(mm)	Poles	PIN w/o ears	PIN with ears	A(mm)	B(mm)	C(mm)	D(mm)
2	6149P102W/O	6149P102W	3.00	6.85	7.21	10.90	12	6149P112W/O	6149P112W	33.00	36.85	37.21	40.90
3	6149P103W/O	6149P103W	6.00	9.85	10.21	13.90							
4	6149P104W/O	6149P104W	9.00	12.85	13.21	16.90							
5	6149P105W/O	6149P105W	12.00	15.85	16.21	19.90							
6	6149P106W/O	6149P106W	15.00	18.85	19.21	22.90							
7	6149P107W/O	6149P107W	18.00	21.85	22.21	25.90							
8	6149P108W/O	6149P108W	21.00	24.85	25.21	28.90							
9	6149P109W/O	6149P109W	24.00	27.85	28.21	31.90							
10	6149P110W/O	6149P110W	27.00	30.85	31.21	34.90							
11	6149P111W/O	6149P111W	30.00	33.85	34.21	37.90							

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +85°C

Contact Resistance: 20 mΩ max.

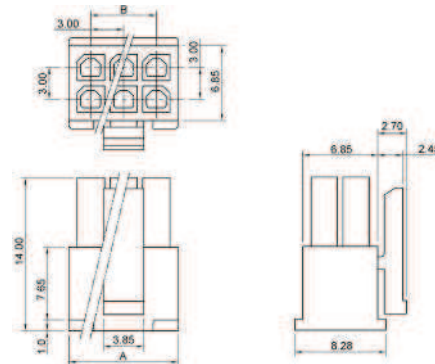
RECEPTACLE

Poles (Single row): 2-12

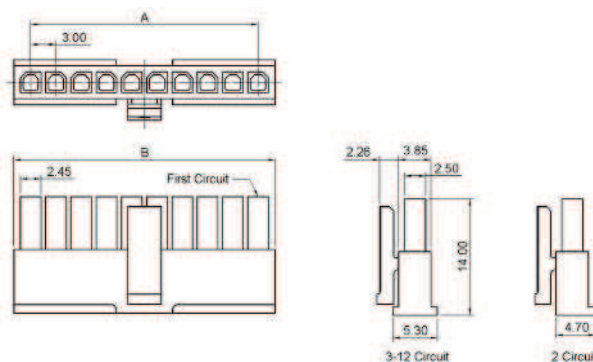
Poles (Double row): 2-24

Material: Nylon 66, UL 94V-0

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149R02W0	4.00	---	22	6149R22W0	34.00	30.00
4	6149R04W0	7.00	3.00	24	6149R24W0	37.00	33.00
6	6149R06W0	10.00	6.00				
8	6149R08W0	13.00	9.00				
10	6149R10W0	16.00	12.00				
12	6149R12W0	19.00	15.00				
14	6149R14W0	22.00	18.00				
16	6149R16W0	25.00	21.00				
18	6149R18W0	28.00	24.00				
20	6149R20W0	31.00	27.00				

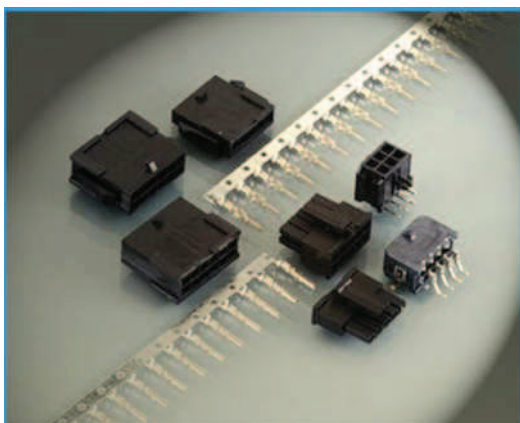


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149R102W0	3.00	7.00	12	6149R112W0	33.00	37.00
3	6149R103W0	6.00	10.00				
4	6149R104W0	9.00	13.00				
5	6149R105W0	12.00	16.00				
6	6149R106W0	15.00	19.00				
7	6149R107W0	18.00	22.00				
8	6149R108W0	21.00	25.00				
9	6149R109W0	24.00	28.00				
10	6149R110W0	27.00	31.00				
11	6149R111W0	30.00	34.00				

CABLING CONNECTORS

3.0 mm pitch - wire to board connectors - 6149

L



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +85°C

Contact Resistance: 20 mΩ max.

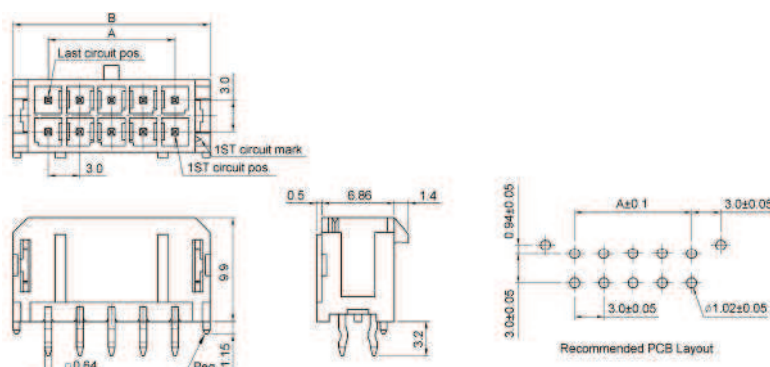
HEADER

Poles: 2-24

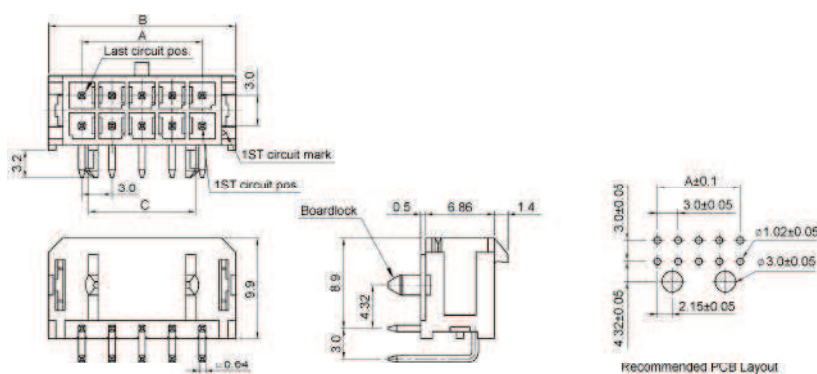
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

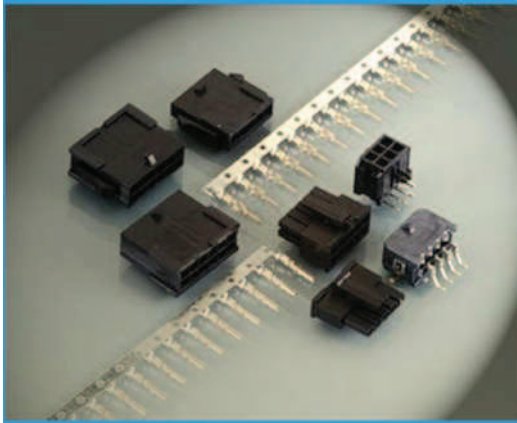
Packaging: Tray



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W02-S	---	6.70	22	6149W22-S	30.00	36.70
4	6149W04-S	3.00	9.70	24	6149W24-S	33.00	39.70
6	6149W06-S	6.00	12.70				
8	6149W08-S	9.00	15.70				
10	6149W10-S	12.00	18.70				
12	6149W12-S	15.00	21.70				
14	6149W14-S	18.00	24.70				
16	6149W16-S	21.00	27.70				
18	6149W18-S	24.00	30.70				
20	6149W20-S	27.00	33.70				



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6149W02-R	---	6.70	---	22	6149W22-R	30.00	36.70	28.70
4	6149W04-R	3.00	9.70	---	24	6149W24-R	33.00	39.70	31.70
6	6149W06-R	6.00	12.70	---					
8	6149W08-R	9.00	15.70	7.70					
10	6149W10-R	12.00	18.70	10.70					
12	6149W12-R	15.00	21.70	13.70					
14	6149W14-R	18.00	24.70	16.70					
16	6149W16-R	21.00	27.70	19.70					
18	6149W18-R	24.00	30.70	22.70					
20	6149W20-R	27.00	33.70	25.70					

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +85°C

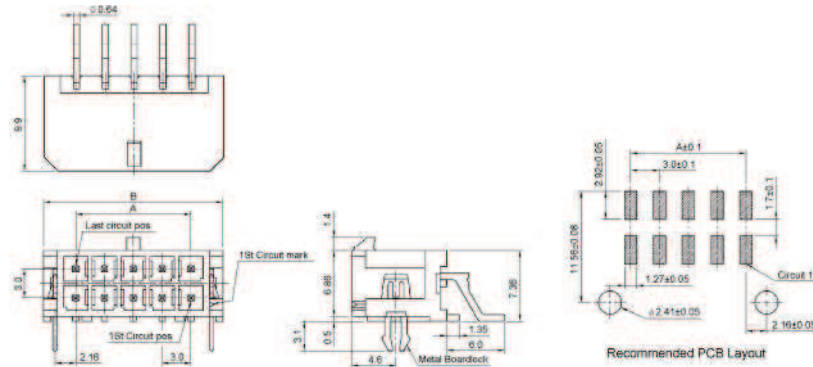
Contact Resistance: 20 m Ω max.**HEADER**

Poles: 2-24

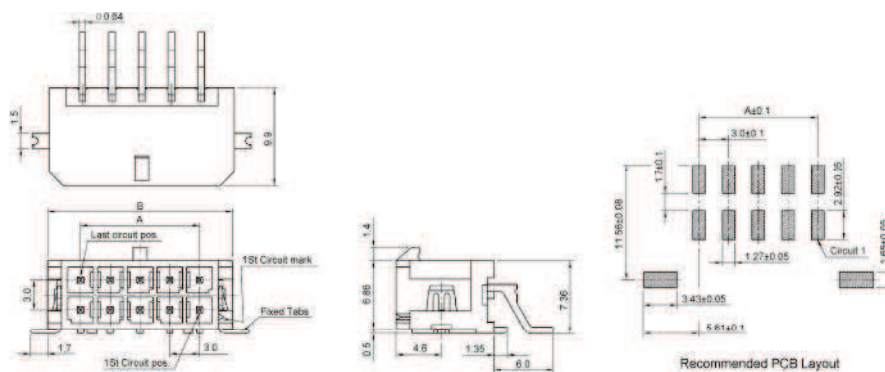
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

Packaging: Tube or tape&reel (optional)

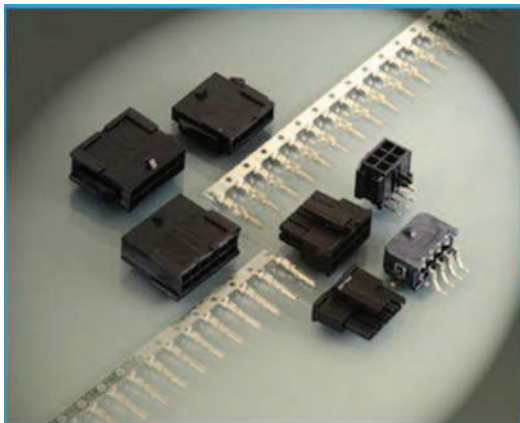


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W02-HM	---	6.70	22	6149W22-HM	30.00	36.70
4	6149W04-HM	3.00	9.70	24	6149W24-HM	33.00	39.70
6	6149W06-HM	6.00	12.70				
8	6149W08-HM	9.00	15.70				
10	6149W10-HM	12.00	18.70				
12	6149W12-HM	15.00	21.70				
14	6149W14-HM	18.00	24.70				
16	6149W16-HM	21.00	27.70				
18	6149W18-HM	24.00	30.70				
20	6149W20-HM	27.00	33.70				



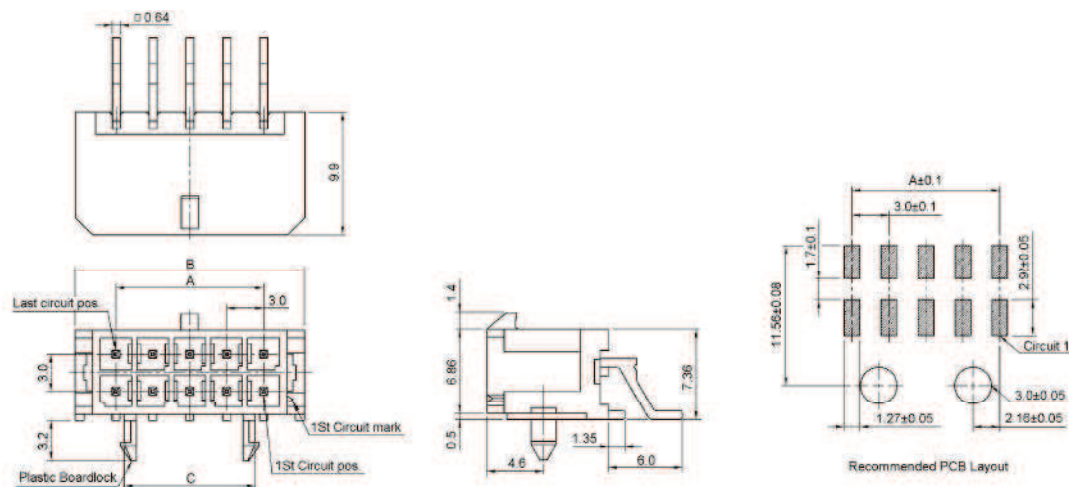
Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W02-HT	---	6.70	22	6149W22-HT	30.00	36.70
4	6149W04-HT	3.00	9.70	24	6149W24-HT	33.00	39.70
6	6149W06-HT	6.00	12.70				
8	6149W08-HT	9.00	15.70				
10	6149W10-HT	12.00	18.70				
12	6149W12-HT	15.00	21.70				
14	6149W14-HT	18.00	24.70				
16	6149W16-HT	21.00	27.70				
18	6149W18-HT	24.00	30.70				
20	6149W20-HT	27.00	33.70				

3.0 mm pitch - wire to board connectors - 6149

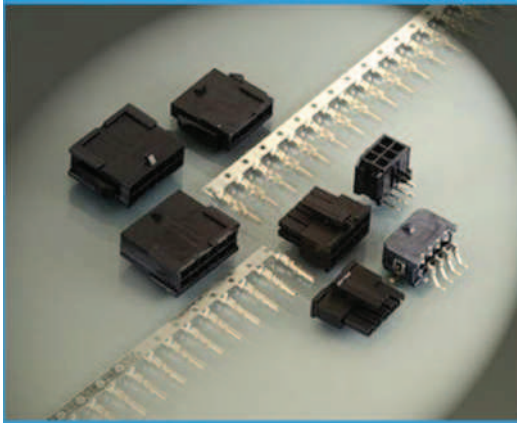


Voltage Rating: 250V AC,DC
Current Rating: 5A AC,DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 1000 M Ω min.
Temperature Range: -40°C ~ +85°C
Contact Resistance: 20 m Ω max.

Poles: 2-24
Material (base): Nylon 6T, UL94V-0
Material (post): Brass, Tin plated
Packaging: Tube or tape&reel (optional)



Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6149W02-HP	----	6.70	3.00
4	6149W04-HP	3.00	9.70	3.00
6	6149W06-HP	6.00	12.70	3.00
8	6149W08-HP	9.00	15.70	7.70
10	6149W10-HP	12.00	18.70	10.70
12	6149W12-HP	15.00	21.70	13.70
14	6149W14-HP	18.00	24.70	16.70
16	6149W16-HP	21.00	27.70	19.70
18	6149W18-HP	24.00	30.70	22.70
20	6149W20-HP	27.00	33.70	25.70
22	6149W22-HP	30.00	36.70	28.70
24	6149W24-HP	33.00	39.70	31.70

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +85°C

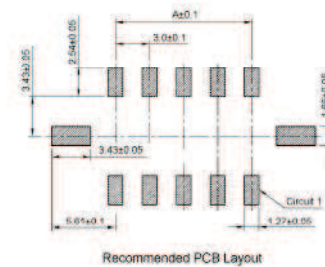
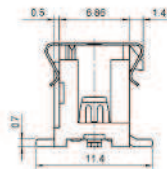
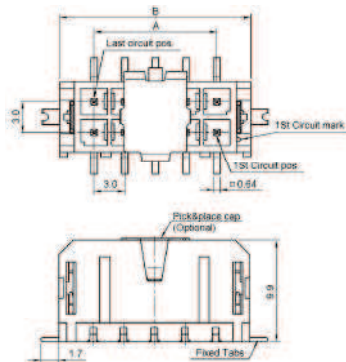
Contact Resistance: 20 m Ω max.**HEADER**

Poles: 2-24

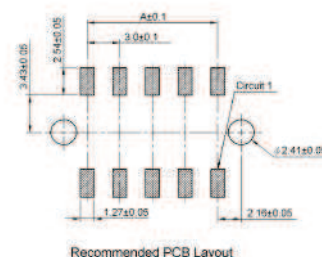
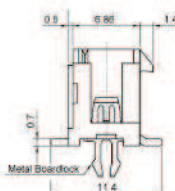
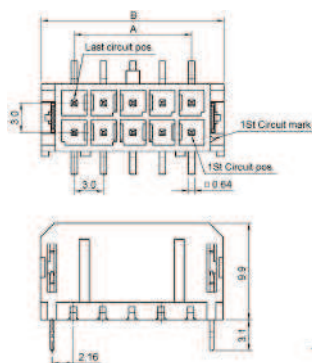
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

Packaging: Tube or tape&reel (optional)



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W02-VT	---	6.70	22	6149W22-VT	30.00	36.70
4	6149W04-VT	3.00	9.70	24	6149W24-VT	33.00	39.70
6	6149W06-VT	6.00	12.70				
8	6149W08-VT	9.00	15.70				
10	6149W10-VT	12.00	18.70				
12	6149W12-VT	15.00	21.70				
14	6149W14-VT	18.00	24.70				
16	6149W16-VT	21.00	27.70				
18	6149W18-VT	24.00	30.70				
20	6149W20-VT	27.00	33.70				

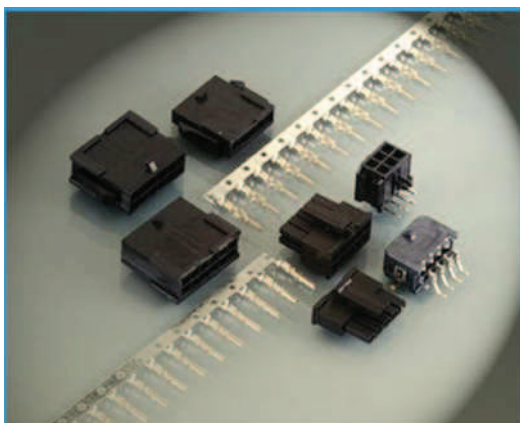


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W02-VM	---	6.70	22	6149W22-VM	30.00	36.70
4	6149W04-VM	3.00	9.70	24	6149W24-VM	33.00	39.70
6	6149W06-VM	6.00	12.70				
8	6149W08-VM	9.00	15.70				
10	6149W10-VM	12.00	18.70				
12	6149W12-VM	15.00	21.70				
14	6149W14-VM	18.00	24.70				
16	6149W16-VM	21.00	27.70				
18	6149W19-VM	24.00	30.70				
20	6149W20-VM	27.00	33.70				

CABLING CONNECTORS

3.0 mm pitch - wire to board connectors - 6149

L



SPECIFICATIONS

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -40°C ~ +85°C

Contact Resistance: 20 mΩ max.

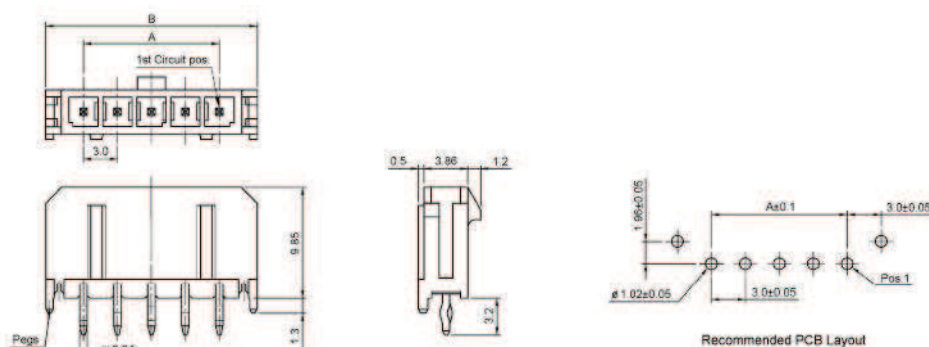
HEADER

Poles: 12-12

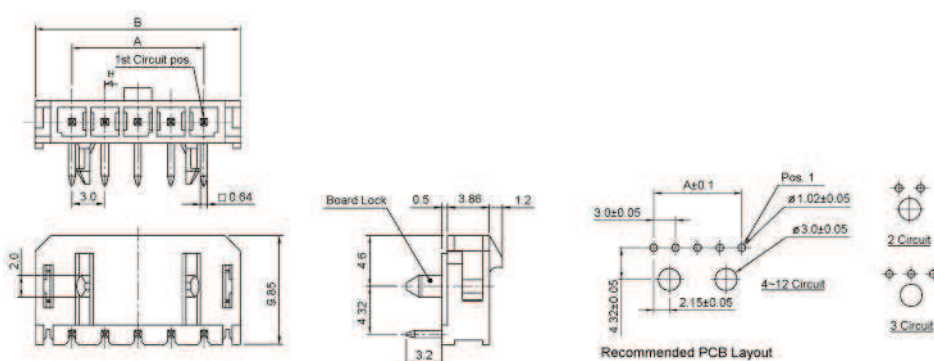
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

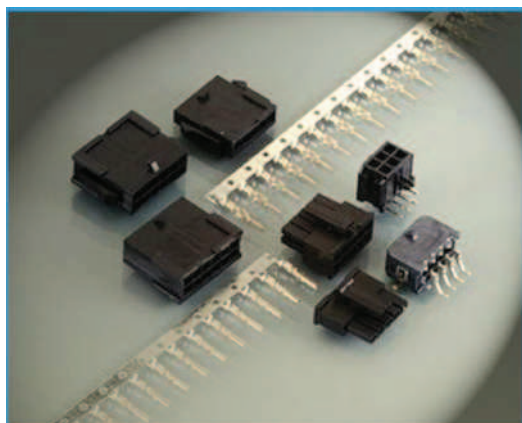
Packaging: Tray



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W102-S	3.00	9.65	12	6149W112-S	33.00	39.65
3	6149W103-S	6.00	12.65				
4	6149W104-S	9.00	15.65				
5	6149W105-S	12.00	18.65				
6	6149W106-S	15.00	21.65				
7	6149W107-S	18.00	24.65				
8	6149W108-S	21.00	27.65				
9	6149W109-S	24.00	30.65				
10	6149W110-S	27.00	33.65				
11	6149W111-S	30.00	36.65				



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6149W102-R	3.00	9.65	—	12	6149W112-R	33.00	39.65	31.70
3	6149W103-R	6.00	12.65	4.70					
4	6149W104-R	9.00	15.65	7.70					
5	6149W105-R	12.00	18.65	10.70					
6	6149W106-R	15.00	21.65	13.70					
7	6149W107-R	18.00	24.65	16.70					
8	6149W108-R	21.00	27.65	19.70					
9	6149W109-R	24.00	30.65	22.70					
10	6149W110-R	27.00	33.65	25.70					
11	6149W111-R	30.00	36.65	28.70					

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +85°C

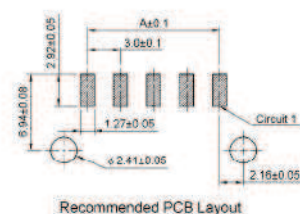
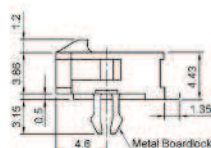
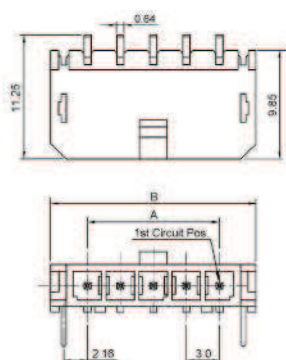
Contact Resistance: 20 m Ω max.**HEADER**

Poles: 2-12

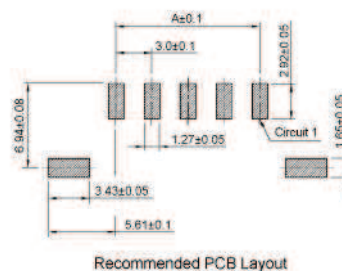
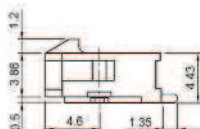
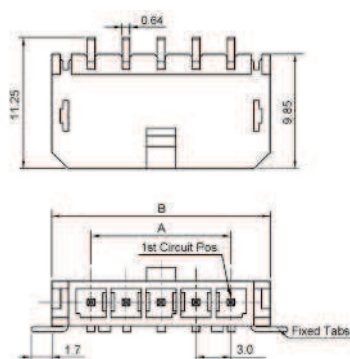
Material (base): Nylon 6T, UL94V-0

Material (post): Brass, Tin plated

Packaging: Tube or tape&reel (optional)

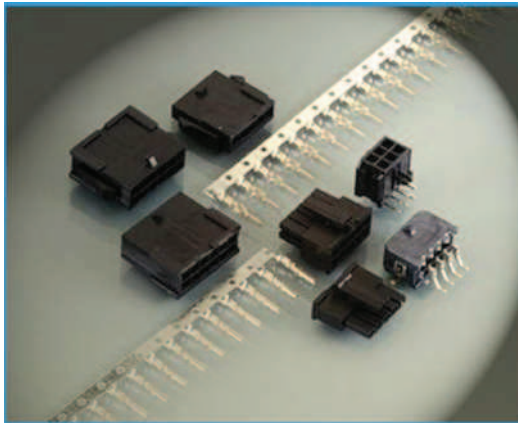


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W102-HM	3.00	9.65	12	6149W112-HM	33.00	39.65
3	6149W103-HM	6.00	12.65				
4	6149W104-HM	9.00	15.65				
5	6149W105-HM	12.00	18.65				
6	6149W106-HM	15.00	21.65				
7	6149W107-HM	18.00	24.65				
8	6149W108-HM	21.00	27.65				
9	6149W109-HM	24.00	30.65				
10	6149W110-HM	27.00	33.65				
11	6149W111-HM	30.00	36.65				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W102-HT	3.00	9.65	12	6149W112-HT	33.00	39.65
3	6149W103-HT	6.00	12.65				
4	6149W104-HT	9.00	15.65				
5	6149W105-HT	12.00	18.65				
6	6149W106-HT	15.00	21.65				
7	6149W107-HT	18.00	24.65				
8	6149W108-HT	21.00	27.65				
9	6149W109-HT	24.00	30.65				
10	6149W110-HT	27.00	33.65				
11	6149W111-HT	30.00	36.65				

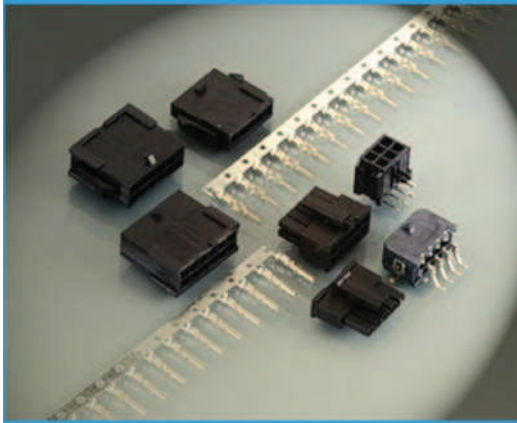
3.0 mm pitch - wire to board connectors - 6149



Voltage Rating: 250V AC,DC
Current Rating: 5A AC,DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 1000 M Ω min.
Temperature Range: -40°C ~ +85°C
Contact Resistance: 20 m Ω max.

Poles: 2-12
Material (base): Nylon 6T, UL94V-0
Material (post): Brass, Tin plated
Packaging: Tube or tape&reel (optional)



**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 5A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -40°C ~ +85°C

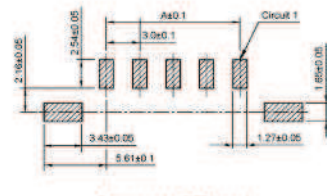
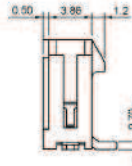
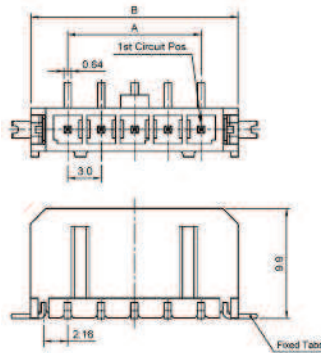
Contact Resistance: 20 m Ω max.**HEADER**

Poles: 2-12

Material (base): Nylon 6T, UL94V-0

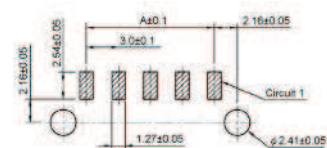
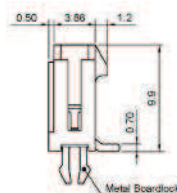
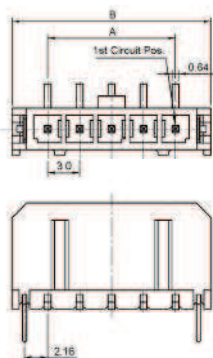
Material (post): Brass, Tin plated

Packaging: Tube or tape&reel (optional)



Recommended PCB Layout

Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W102-VT	3.00	9.65	12	6149W112-VT	33.00	39.65
3	6149W103-VT	6.00	12.65				
4	6149W104-VT	9.00	15.65				
5	6149W105-VT	12.00	18.65				
6	6149W106-VT	15.00	21.65				
7	6149W107-VT	18.00	24.65				
8	6149W108-VT	21.00	27.65				
9	6149W109-VT	24.00	30.65				
10	6149W110-VT	27.00	33.65				
11	6149W111-VT	30.00	36.65				



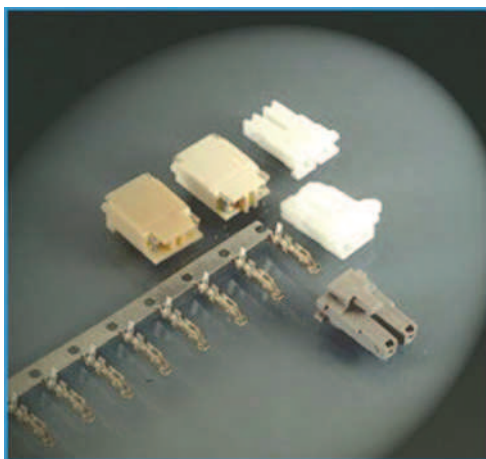
Recommended PCB Layout

Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6149W102-VM	3.00	9.65	12	6149W112-VM	33.00	39.65
3	6149W103-VM	6.00	12.65				
4	6149W104-VM	9.00	15.65				
5	6149W105-VM	12.00	18.65				
6	6149W106-VM	15.00	21.65				
7	6149W107-VM	18.00	24.65				
8	6149W108-VM	21.00	27.65				
9	6149W109-VM	24.00	30.65				
10	6149W110-VM	27.00	33.65				
11	6149W111-VM	30.00	36.65				

CABLING CONNECTORS

3,5 mm pitch - wire to board connectors - 6165

L



SPECIFICATIONS

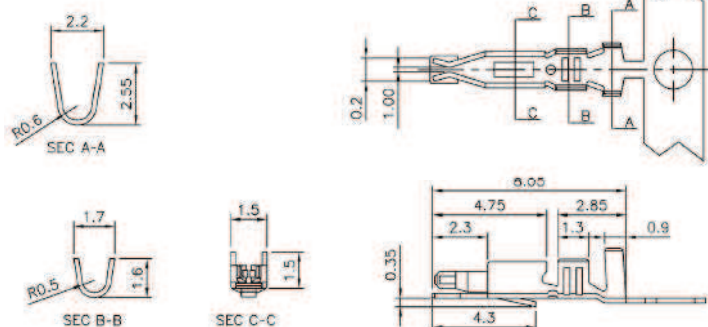
Voltage Rating: 1400 V AC,DC
 Current Rating: 1A AC,DC
 Withstanding Voltage: 3800 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

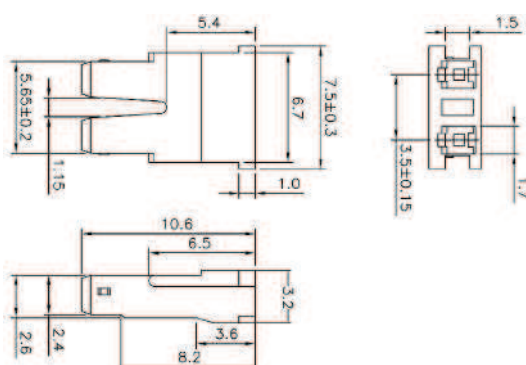
Applicable wires: AWG 24 ~ 28
 Material: Phosphor Bronze
 Finish: Tin plated
 Q.ty: 10000 pcs/reel

HOUSING

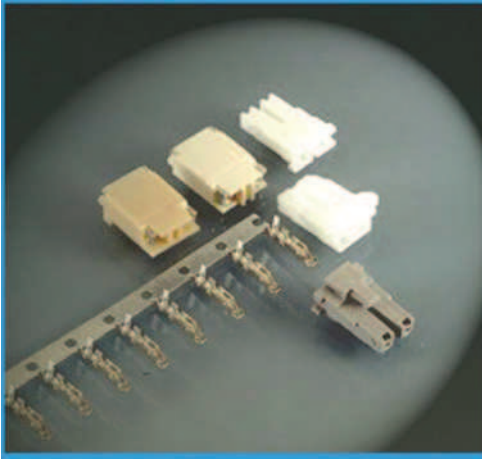
Poles: 2
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 24-28	6165T	Phosp bronze	Tin pl.	10000/reel



Poles	Part No.
02	6165F02

**SPECIFICATIONS**

Voltage Rating: 1,400V AC/DC

Current Rating: 1A AC,DC

Withstanding Voltage: 3,800V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 m Ω max.**HEADER**

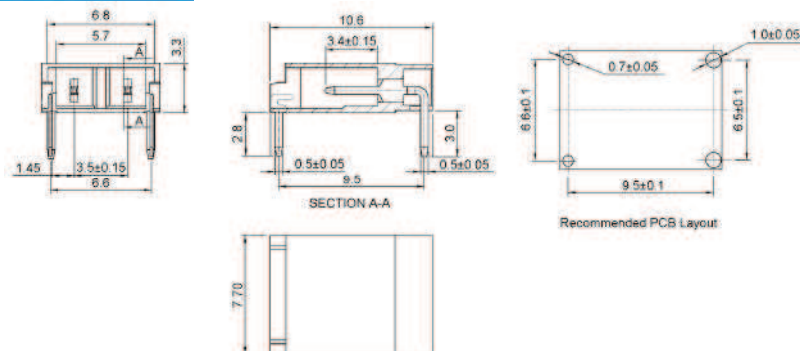
Poles: 2

Material (base): Nylon 6T, UL94V-0

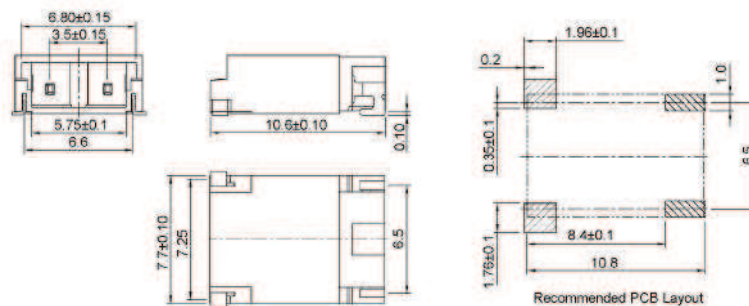
Material (post): Phosp. bronze, Tin plated

Q.ty(6165M02-R): 1000 pcs/tube

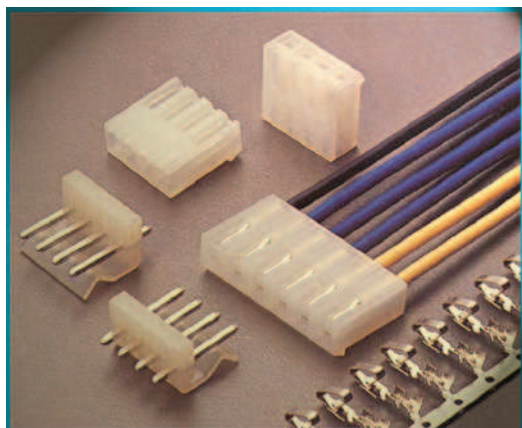
Q.ty(6165M02-H): 1200 pcs/reel



Poles	Part No.
2	6165M02-R



Poles	Part No.
2	6165M02-H



SPECIFICATIONS

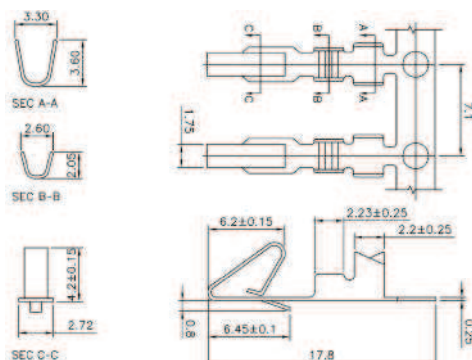
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

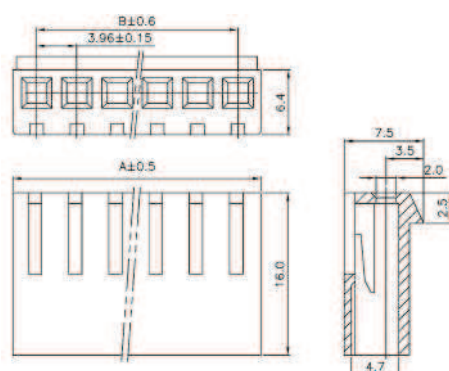
Applicable wires: AWG 18 ~ 24
 Material: Brass
 Finish: Tin plated
 Q.ty(6116T): 6000 pcs/reel
 Q.ty(6116TC): 7000 pcs/reel

HOUSING

Poles: 2-20
 Material: Nylon 66, 64V-2 or V0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Type	App. Wires	Part No.	Material	Finish	Type
AWG 18-24	6116T	Brass	Tin pl.	End Chain					
AWG 18-24	6116TC	Brass	Tin pl.	Mid. Chain					

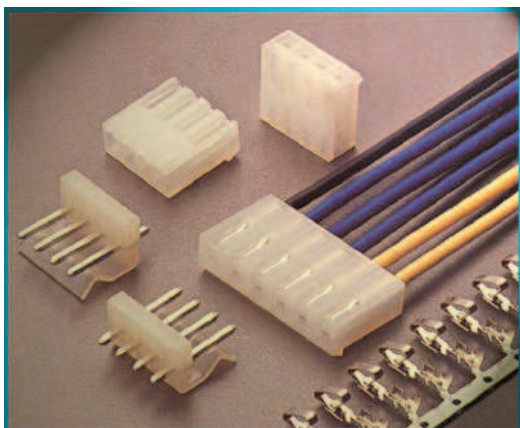


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6116F02	8.92	3.96	12	6116F12	48.52	43.56
3	6116F03	12.88	7.92	13	6116F13	52.48	47.52
4	6116F04	16.84	11.88	14	6116F14	56.44	51.48
5	6116F05	20.80	15.84	15	6116F15	60.40	55.44
6	6116F06	24.76	19.80	16	6116F16	64.36	59.40
7	6116F07	28.72	23.76	17	6116F17	68.32	63.36
8	6116F08	32.68	27.72	18	6116F18	72.28	67.32
9	6116F09	36.64	31.68	19	6116F19	76.24	71.28
10	6116F10	40.60	35.64	20	6116F20	80.20	75.24
11	6116F11	44.56	39.60				

CABLING CONNECTORS

3,96 mm pitch - wire to board connectors - 6116

L



SPECIFICATIONS

Voltage Rating: 250V, AC/DC

Current Rating: 7A AC/DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

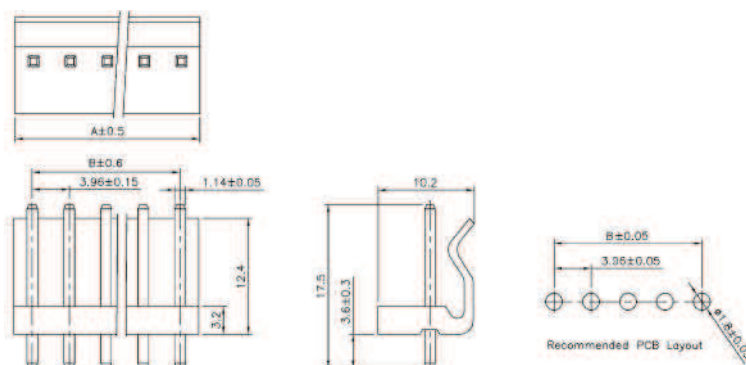
HEADER

Poles: 2-20

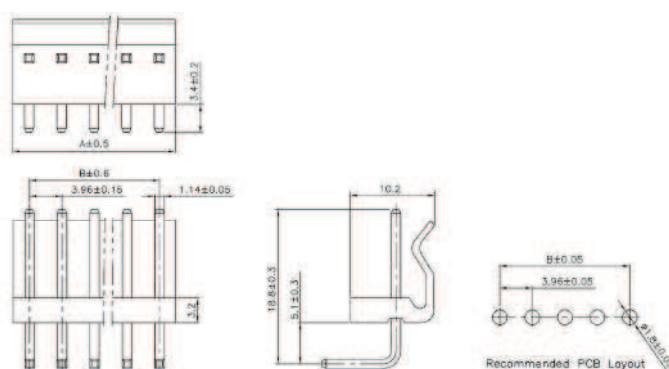
Material (base): Nylon 66, UL 94V-2 or V0

Material (post): Brass, Tin plated

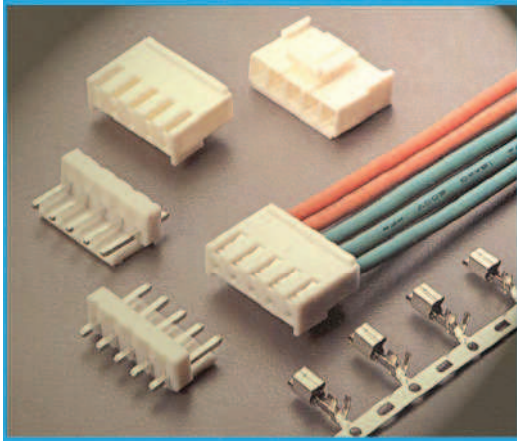
Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6116M02-S	7.92	3.96	12	6116M12-S	47.52	43.56
3	6116M03-S	11.88	7.92	13	6116M13-S	51.48	47.52
4	6116M04-S	15.84	11.88	14	6116M14-S	55.44	51.48
5	6116M05-S	19.80	15.84	15	6116M15-S	59.40	55.44
6	6116M06-S	23.76	19.80	16	6116M16-S	63.36	59.40
7	6116M07-S	27.72	23.76	17	6116M17-S	67.32	63.36
8	6116M08-S	31.68	27.72	18	6116M18-S	71.28	67.32
9	6116M09-S	35.64	31.68	19	6116M19-S	75.24	71.28
10	6116M10-S	39.60	35.64	20	6116M20-S	79.20	75.24
11	6116M11-S	43.56	39.60				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6116M02-R	7.92	3.96	12	6116M12-R	47.52	43.56
3	6116M03-R	11.88	7.92	13	6116M13-R	51.48	47.52
4	6116M04-R	15.84	11.88	14	6116M14-R	55.44	51.48
5	6116M05-R	19.80	15.84	15	6116M15-R	59.40	55.44
6	6116M06-R	23.76	19.80	16	6116M16-R	63.36	59.40
7	6116M07-R	27.72	23.76	17	6116M17-R	67.32	63.36
8	6116M08-R	31.68	27.72	18	6116M18-R	71.28	67.32
9	6116M09-R	35.64	31.68	19	6116M19-R	75.24	71.28
10	6116M10-R	39.60	35.64	20	6116M20-R	79.20	75.24
11	6116M11-R	43.56	39.60				

**SPECIFICATIONS**

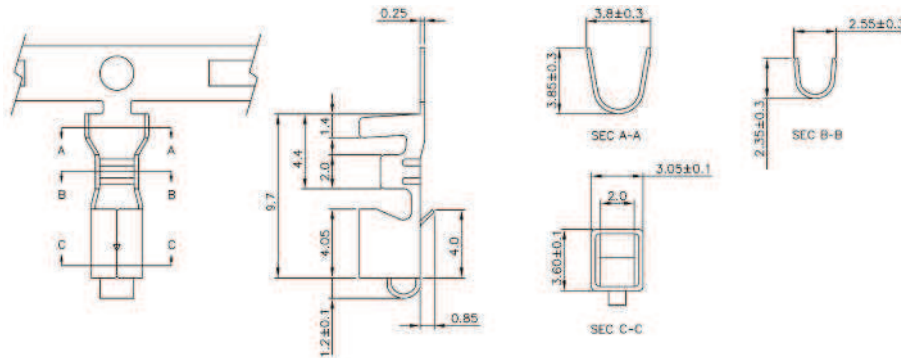
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

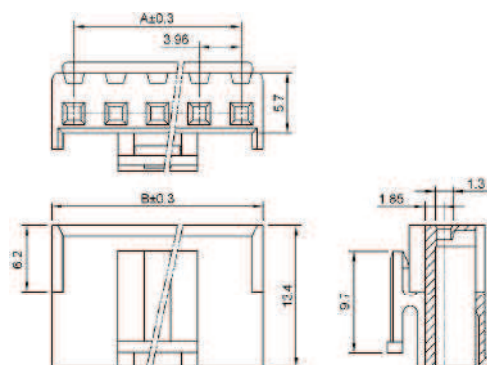
Applicable wires: AWG 22 ~ 18
 Material: Brass
 Finish: Tin plated
 Q.ty: 4000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-0
 Q.ty: 1000 pcs/bag



App. Wires	Part No.	Material	Finish	Q.ty	App. Wires	Part No.	Material	Finish	Q.ty
AWG 18/22	6117T	Brass	Tin pl.	4000					

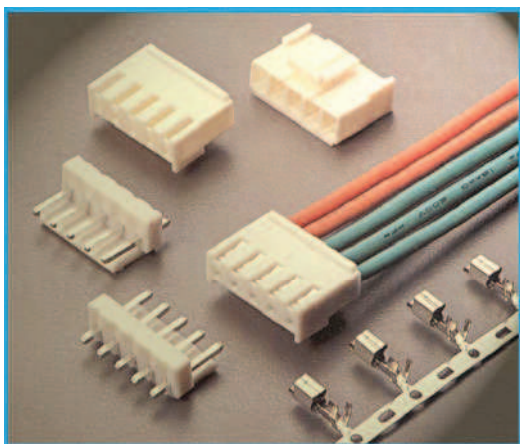


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6117F02	3.96	8.00	12	6117F12	43.56	47.62
3	6117F03	7.92	12.00	13	6117F13	47.52	51.90
4	6117F04	11.88	16.00	14	6117F14	51.48	55.90
5	6117F05	15.84	19.90	15	6117F15	55.44	59.90
6	6117F06	19.80	23.80				
7	6117F07	23.76	27.90				
8	6117F08	27.72	31.80				
9	6117F09	31.68	35.80				
10	6117F10	35.64	39.70				
11	6117F11	39.60	43.66				

CABLING CONNECTORS

3,96 mm pitch - wire to board connectors - 6117

L

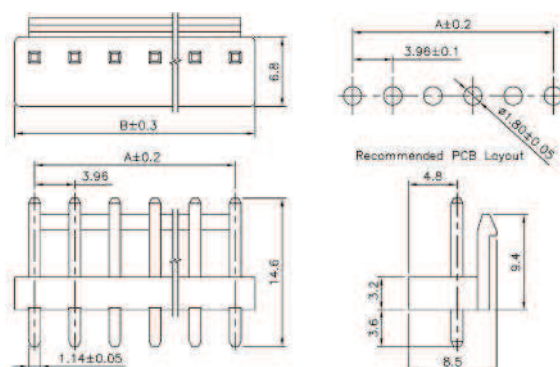


SPECIFICATIONS

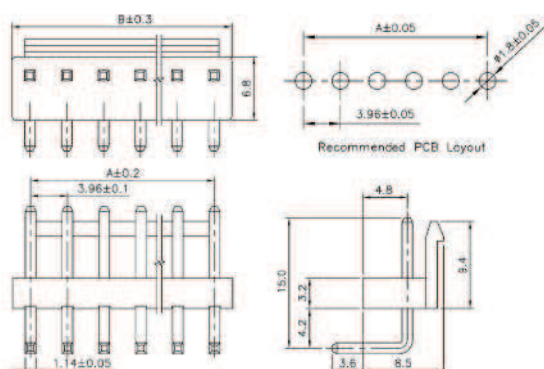
Voltage Rating: 250V AC/DC
 Current Rating: 7A AC/DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

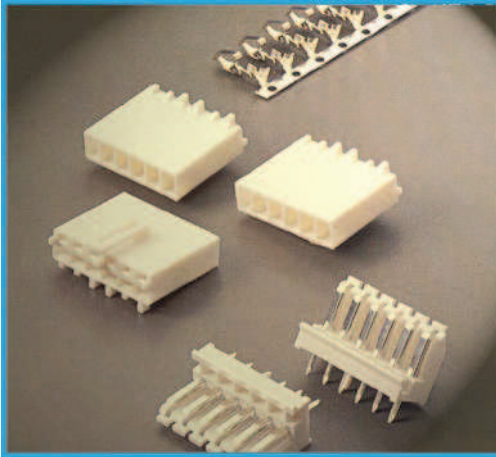
Poles: 2-15
 Material (base): Nylon 66, UL94V-0
 Material (post): Brass, Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6117M02-S	3.96	7.86	12	6117M12-S	43.56	47.46
3	6117M03-S	7.92	11.82	13	6117M13-S	47.52	51.90
4	6117M04-S	11.88	15.78	14	6117M14-S	51.48	55.90
5	6117M05-S	15.84	19.74	15	6117M15-S	54.44	59.90
6	6117M06-S	19.80	23.70				
7	6117M07-S	23.76	27.66				
8	6117M08-S	27.72	31.62				
9	6117M09-S	31.68	35.58				
10	6117M10-S	35.64	39.54				
11	6117M11-S	39.60	43.50				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6117M02-R	3.96	7.86	12	6117M12-R	43.56	47.46
3	6117M03-R	7.92	11.82	13	6117M13-R	47.52	51.90
4	6117M04-R	11.88	15.78	14	6117M14-R	51.48	55.90
5	6117M05-R	15.84	19.74	15	6117M15-R	54.44	59.90
6	6117M06-R	19.80	23.70				
7	6117M07-R	23.76	27.66				
8	6117M08-R	27.72	31.62				
9	6117M09-R	31.68	35.58				
10	6117M10-R	35.64	39.54				
11	6117M11-R	39.60	43.50				

**SPECIFICATIONS**

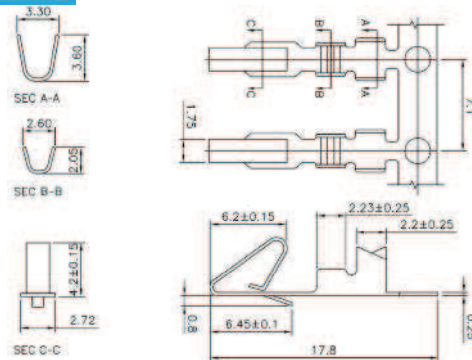
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

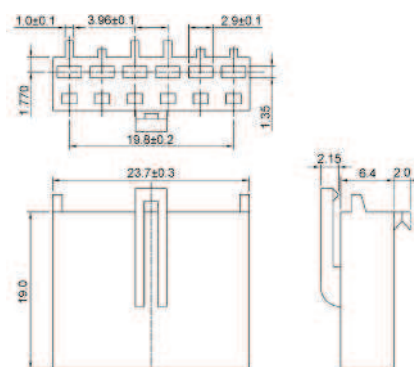
Applicable wires: AWG 18 ~ 24
 Material: Brass
 Finish: Tin plated
 Q.ty: 6000 pcs/reel

HOUSING

Poles: 6
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag

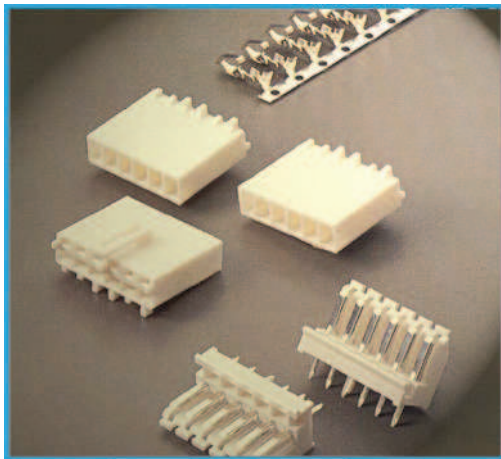


Applicable Wire	Part No	Material	Finish	Q.ty
AWG 18 ~ 24	6116T	Brass	Tin plated	6000/reel



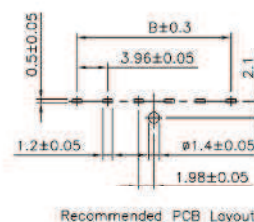
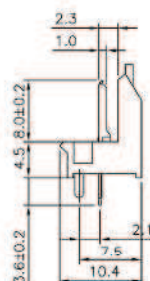
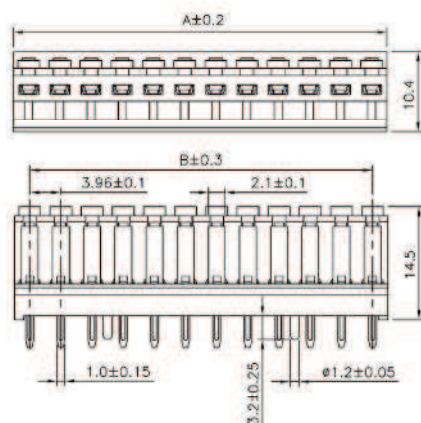
Poles	Part No.	Material	Q.ty
6	6121F06	PA66, UL94V-2	1000/bag

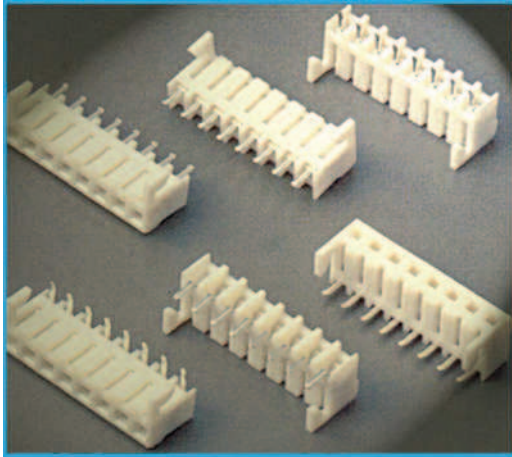
3,96 mm pitch - wire to board connectors - 6121



Voltage Rating: 250V AC,DC
Current Rating: 7A AC,DC
Withstanding Voltage: 1500 V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

Poles: 6,12
Material (base): Nylon 66, UL 94V-2
Material (post): Brass, Tin plated
Q.ty: 1000 pcs/bag

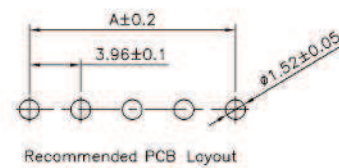
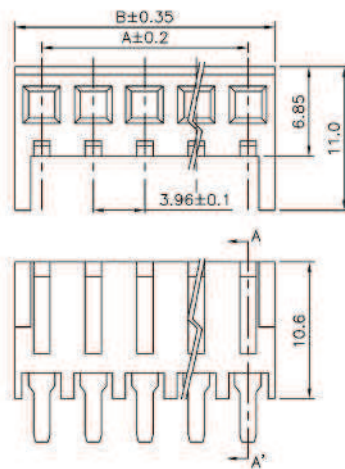
[illegible]

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC
 Current Rating: 5.0A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

PCB SOCKET

Poles: 2-20
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass
 Finish: Tin plated
 Q.ty: 1000 pcs/tray

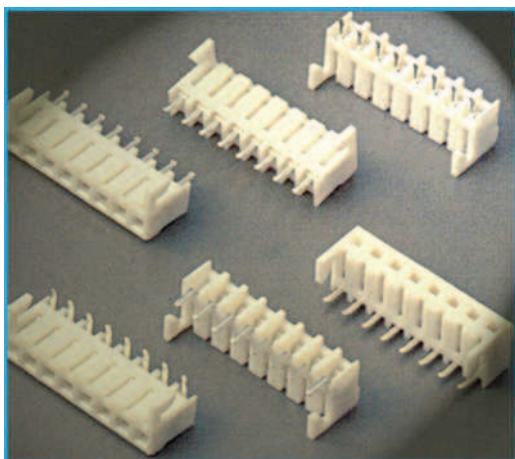


Poles	Part No.	A (mm)	B (mm)
2	6136F02-S	3.96	8.06
3	6136F03-S	7.92	12.02
4	6136F04-S	11.88	15.98
5	6136F05-S	15.84	19.94
6	6136F06-S	19.80	23.90
7	6136F07-S	23.76	27.86
8	6136F08-S	27.72	31.82
9	6136F09-S	31.68	35.78
10	6136F10-S	35.64	39.74
11	6136F11-S	39.60	43.70
12	6136F12-S	43.56	47.66
13	6136F13-S	47.52	51.62
14	6136F14-S	51.48	55.58
15	6136F15-S	55.44	59.54
16	6136F16-S	59.40	63.50
17	6136F17-S	63.36	67.46
18	6136F18-F	67.32	71.42
19	6136F19-S	71.28	75.38
20	6136F20-S	75.24	79.34

CABLING CONNECTORS

3,96 mm pitch - PCB female connectors - 6136

L

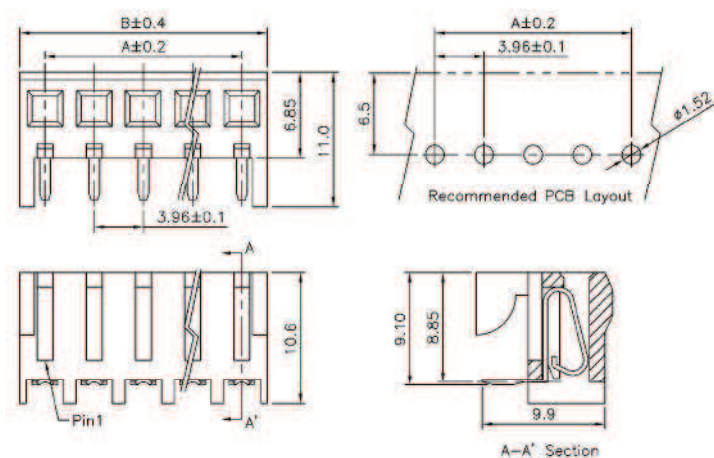


SPECIFICATIONS

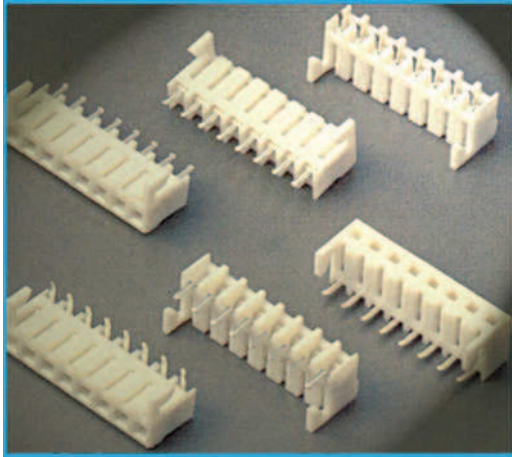
Voltage Rating: 250V AC, DC
Current Rating: 5.0A AC, DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -40°C ~ +105°C
Contact Resistance: 20 mΩ max.

PCB SOCKET

Poles: 2-20
Material (base): Nylon 66, UL 94V-0
Material (post): Brass
Finish: Tin plated
Q.ty: 1000 pcs/tray



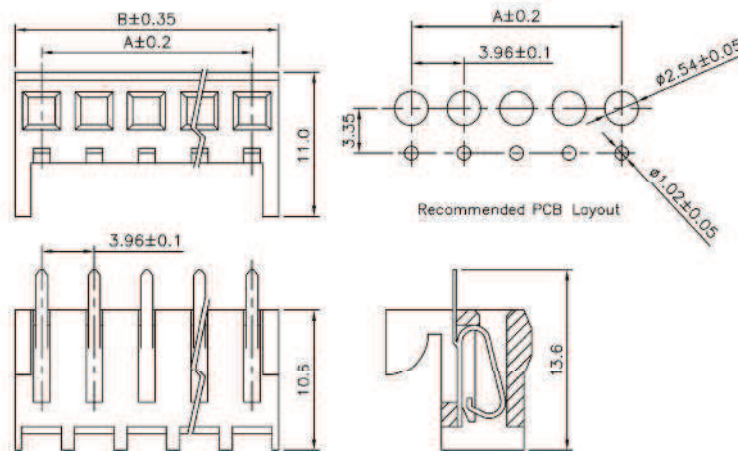
Poles	Part No.	A (mm)	B (mm)
2	6136F02-R	3.96	8.06
3	6136F03-R	7.92	12.02
4	6136F04-R	11.88	15.98
5	6136F05-R	15.84	19.94
6	6136F06-R	19.80	23.90
7	6136F07-R	23.76	27.86
8	6136F08-R	27.72	31.82
9	6136F09-R	31.68	35.78
10	6136F10-R	35.64	39.74
11	6136F11-R	39.60	43.70
12	6136F12-R	43.56	47.66
13	6136F13-R	47.52	51.62
14	6136F14-R	51.48	55.58
15	6136F15-R	55.44	59.54
16	6136F16-R	59.40	63.50
17	6136F17-R	63.36	67.46
18	6136F18-R	67.32	71.42
19	6136F19-R	71.28	75.38
20	6136F20-R	75.24	79.34

**SPECIFICATIONS**

Voltage Rating: 250V AC, DC
 Current Rating: 5.0A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 m Ω max.

PCB SOCKET

Poles: 2-20
 Material (base): Nylon 66, UL 94V-0
 Material (post): Brass
 Finish: Tin plated
 Q.ty: 1000 pcs/tray



Poles	Part No.	A (mm)	B (mm)
2	6136F02-DR	3.96	8.06
3	6136F03-DR	7.92	12.02
4	6136F04-DR	11.88	15.98
5	6136F05-DR	15.84	19.94
6	6136F06-DR	19.80	23.90
7	6136F07-DR	23.76	27.86
8	6136F08-DR	27.72	31.82
9	6136F09-DR	31.68	35.78
10	6136F10-DR	35.64	39.74
11	6136F11-DR	39.60	43.70
12	6136F12-DR	43.56	47.66
13	6136F13-DR	47.52	51.62
14	6136F14-DR	51.48	55.58
15	6136F15-DR	55.44	59.54
16	6136F16-DR	59.40	63.50
17	6136F17-DR	63.36	67.46
18	6136F18-DR	67.32	71.42
19	6136F19-DR	71.28	75.38
20	6136F20-DR	75.24	79.39

CABLING CONNECTORS

3,96 mm pitch - wire to board connectors - 6154



SPECIFICATIONS

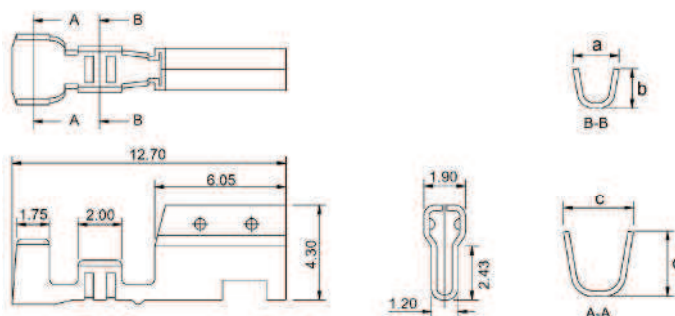
Voltage Rating: 250V AC, DC
 Current Rating: 7A AC, DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

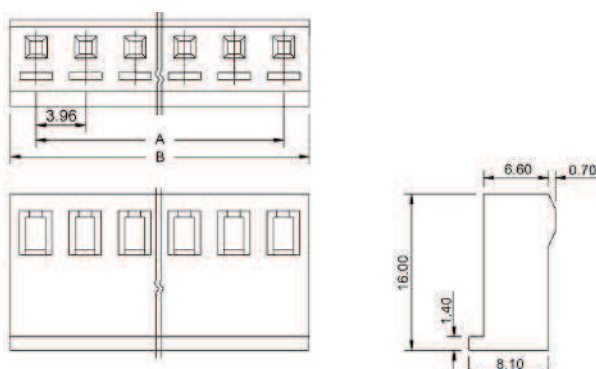
Applicable wires: AWG 18~28
 Material: Brass
 Finish: Tin plated
 Q.ty: 5000 pcs/reel

HOUSING

Poles: 2-15
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag

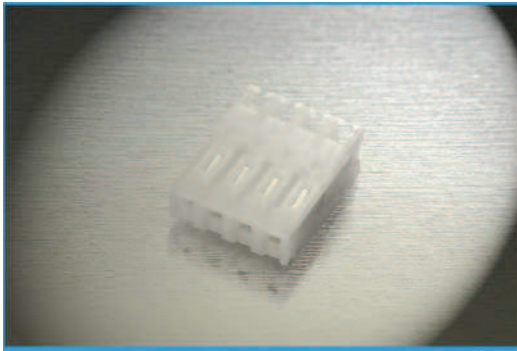


App. Wire	Part. No.	a (mm)	b (mm)	c (mm)	d (mm)	App. Wire	Part No.	a (mm)	b (mm)	c (mm)	d (mm)
AWG 18-24	6145TA	2.45	2.4	4.0	3.9						
AWG 22-28	6145TB	2.1	1.8	3.2	2.25						



Poles	Part. No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6154F02	3.96	9.06	12	6154F12	43.56	48.66
3	6154F03	7.92	13.02	13	6154F13	47.52	52.62
4	6154F04	11.88	16.98	14	6154F14	51.48	56.58
5	6154F05	15.84	20.94	15	6154F15	55.44	60.54
6	6154F06	19.80	24.90				
7	6154F07	23.76	28.86				
8	6154F08	27.72	32.82				
9	6154F09	31.68	36.78				
10	6154F10	35.64	40.74				
11	6154F11	39.60	44.70				

Mate with 6116M, 6119 & 6120M series.

**SPECIFICATIONS**

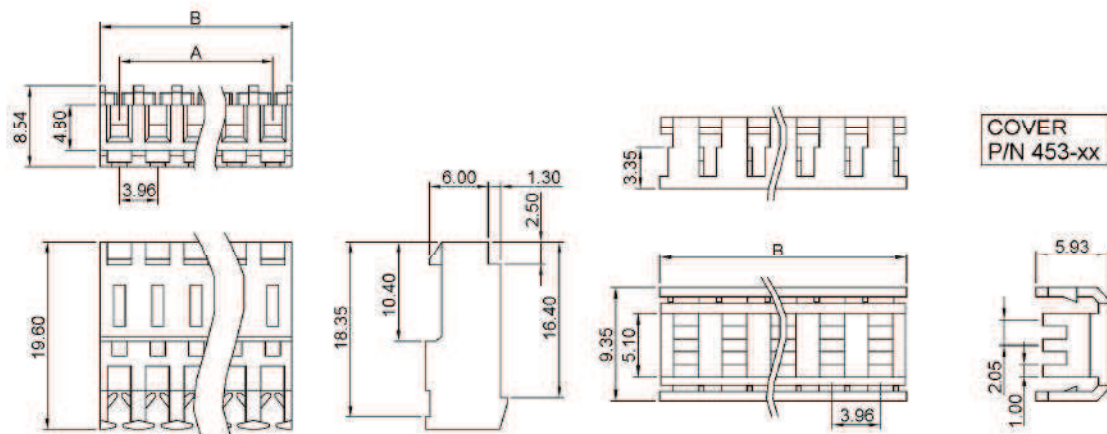
Current Rating: 7A AC,DC
 Voltage Rating: 250V AC
 Insulation Resistance: 1000 MΩ min.
 Withstanding Voltage: 1500 V AC/minute
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

FEATURES

Size 2 to 25 circuits
 Applicable wire from 18 to 26 AWG
 with or w/out locking ramp and polarizing rib
 Mate with 1,14 mm square or round pins
 Through and End type
 Terminal retention to housing 36,3 Nw min

MATERIAL

Insulator: Nylon 66, UL 94V-2
 Contact: Phosphor bronze
 Plating: Tin over Nickel



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	453Exo02Y80	3.96	7.92	22	453Exo22Y80	83.21	87.17
3	453Exo03Y80	7.92	11.89	23	453Exo23Y80	87.17	91.14
4	453Exo04Y80	11.89	15.85	24	453Exo24Y80	91.14	95.10
5	453Exo05Y80	15.85	19.81	25	453Exo25Y80	95.10	99.06
6	453Exo06Y80	19.81	23.77				
7	453Exo07Y80	23.77	27.74				
8	453Exo08Y80	27.74	31.70				
9	453Exo09Y80	31.70	35.66				
10	453Exo10Y80	35.66	39.62				
11	453Exo11Y80	39.62	43.59				
12	453Exo12Y80	43.59	47.55				
13	453Exo13Y80	47.55	51.51				
14	453Exo14Y80	51.51	55.47				
15	453Exo15Y80	55.47	59.44				
16	453Exo16Y80	59.43	63.40				
17	453Exo17Y80	63.40	67.36				
18	453Exo18Y80	67.36	71.32				
19	453Exo19Y80	71.32	75.29				
20	453Exo20Y80	75.29	79.25				
21	453Exo21Y80	79.25	83.21				

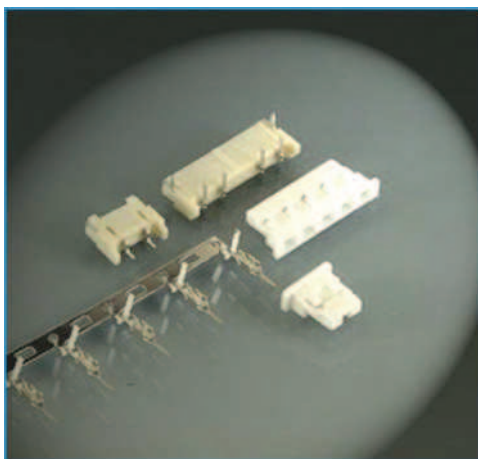
xx: Select requested AWG : 18-20-22-24-26;

Selective Gold plating available upon request, MOQ is required.

CABLING CONNECTORS

4,0 mm pitch - wire to board connectors - 6164

L



SPECIFICATIONS

Voltage Rating: 600 V AC,DC
Current Rating: 1A AC,DC
Withstanding Voltage: 1800 V AC/minute
Insulation Resistance: 500 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

HOUSING

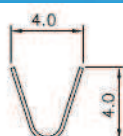
Poles: 2-4
Material: Nylon 66, UL 94V-0
Q.ty: 1000 pcs/bag

TERMINAL

Applicable wires: AWG 22 ~ 28
Material: Phosphor Bronze
Finish: Tin plated
Q.ty: 10000 pcs/reel

HEADER

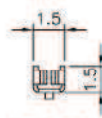
Material(base) Nylon 9T, UL94V-0
Material(post) Phosp. bronze, Tin plated
Q.ty (6164M-R): 500 pcs PVC box
Q.ty (6164M-H): 1000 pcs/bag or reel



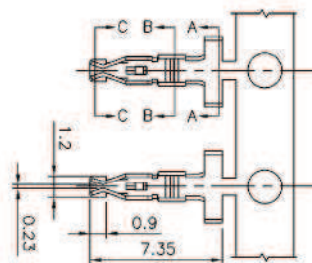
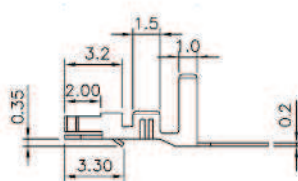
SEC A-A



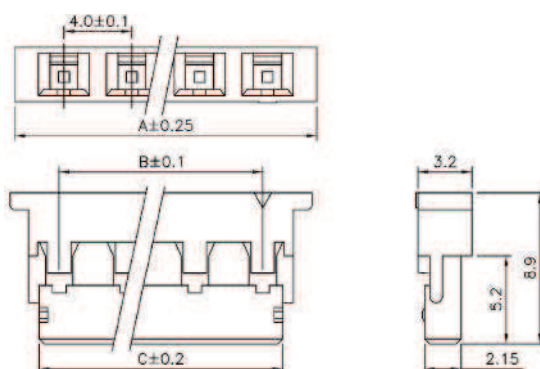
SEC B-B



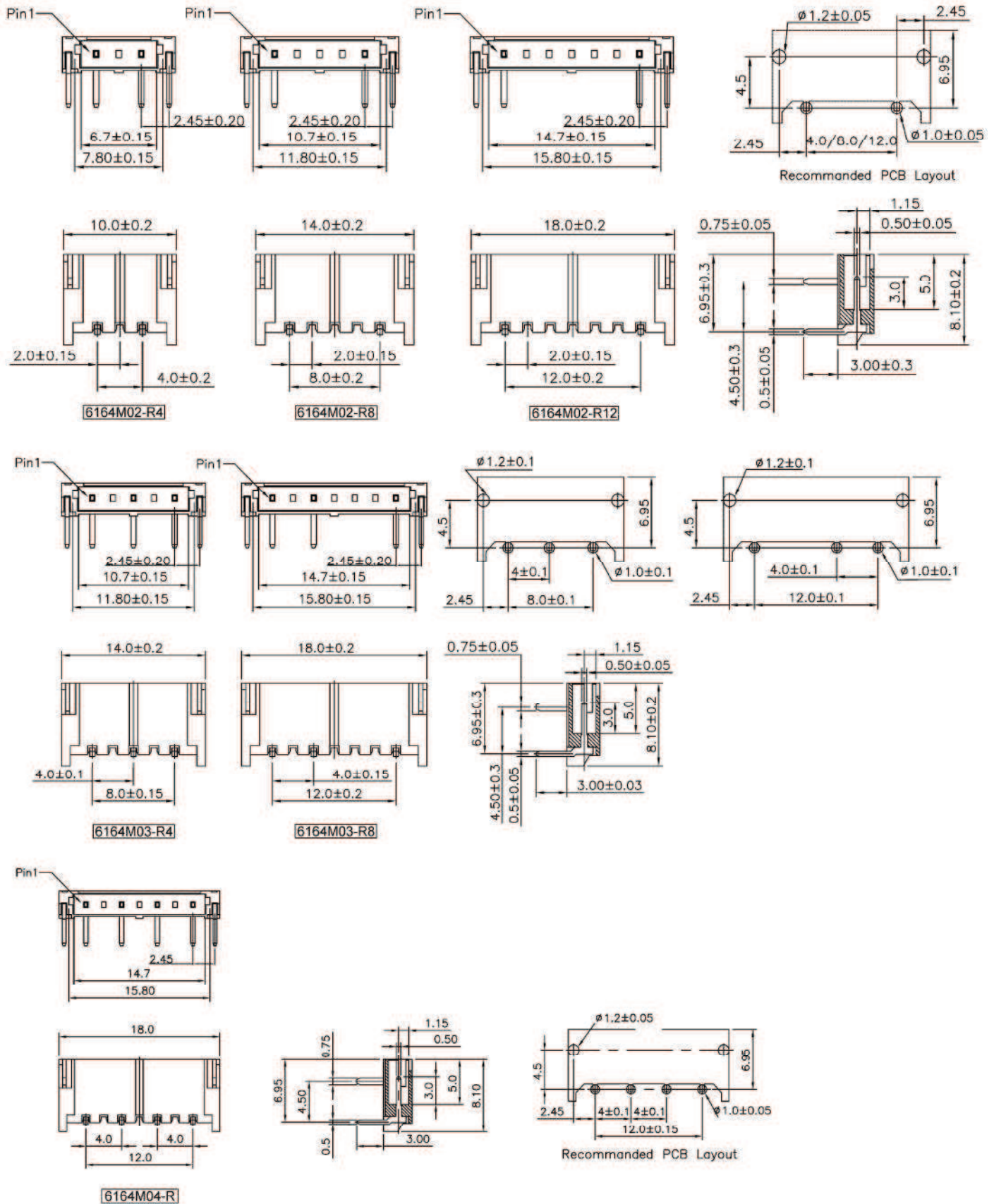
SEC C-C



Applicable Wires	Part No	Material	Finish	Q.ty
AWG 22-28	6164T	Phosp.bronze	Tin plated	10.000/reel

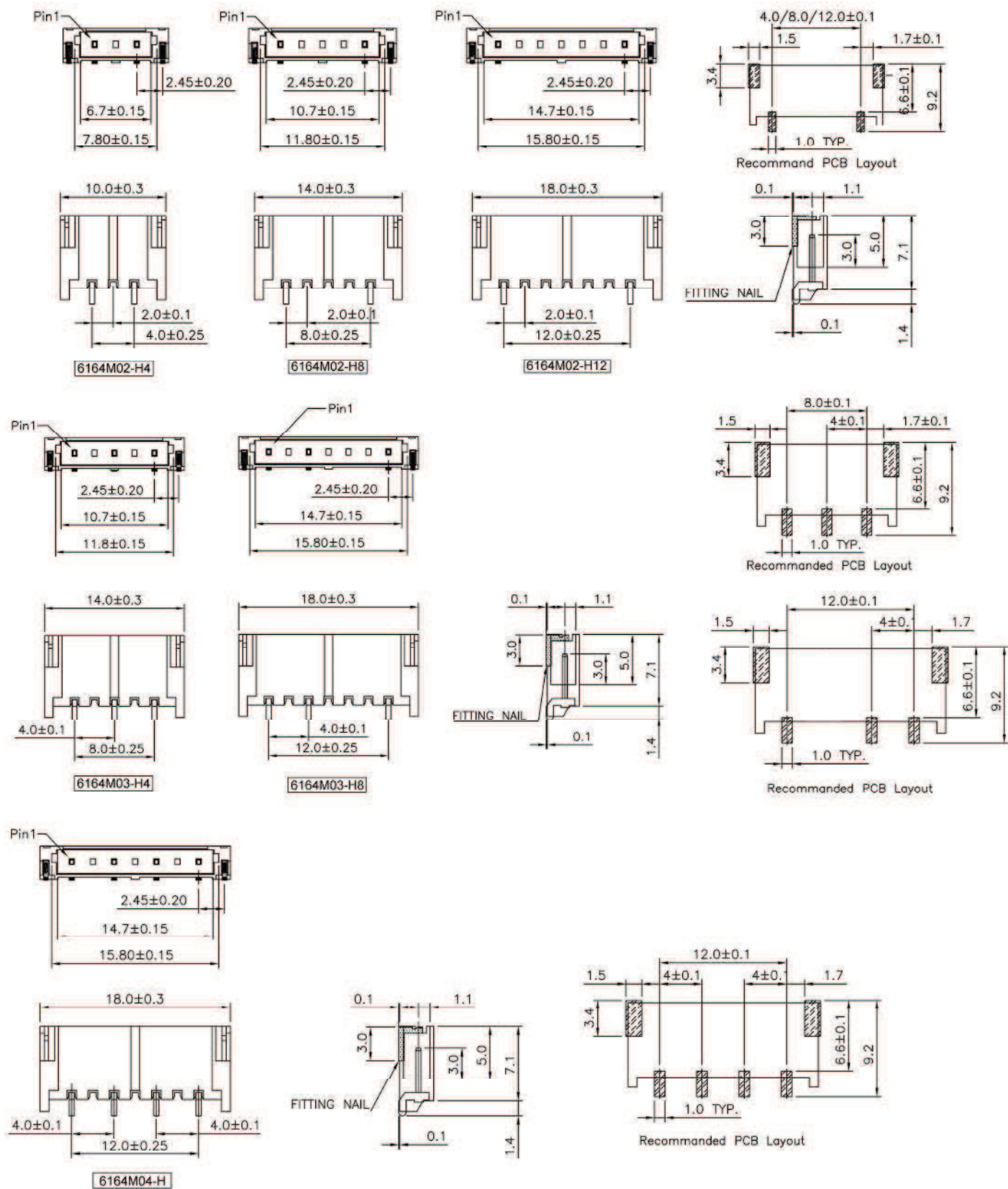


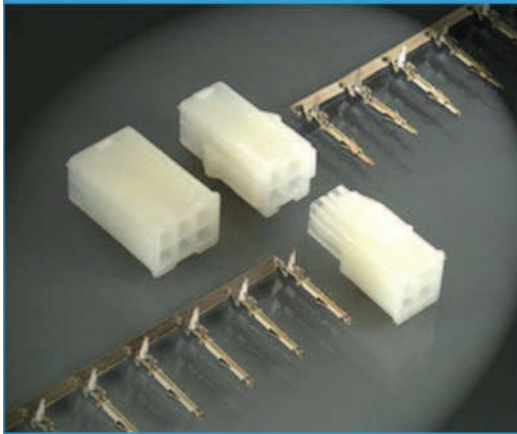
Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6164F02	9.80	4.0	6.35
3	6164F03	13.80	8.0	10.35
4	6164F04	17.80	12.0	14.35



CABLING CONNECTORS

4,0 mm pitch - wire to board connectors - 6164



**SPECIFICATIONS**

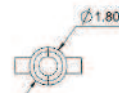
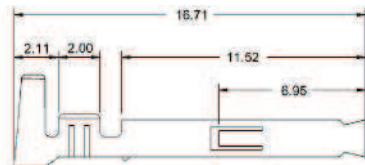
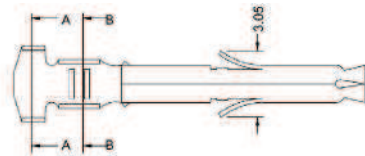
Voltage Rating: 250V AC/DC
 Current Rating: 10A max.
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

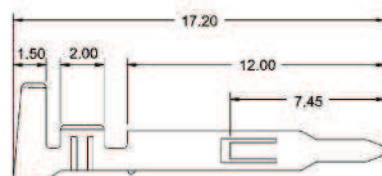
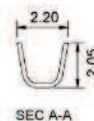
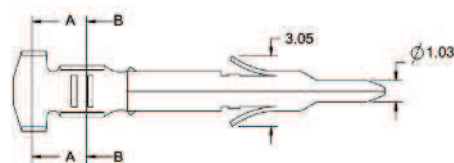
Applicable wires: AWG 24 ~ 16
 Material: Tin plated brass - Phosphor Bronze
 Q.ty: 4000 pcs/reel

HOUSING

Poles: 1, 2, 3, 4, 6, 9, 12, 15
 Material: Nylon 66, UL 94V-2
 Qty: 1000 pcs/bag



Applicable Wires	Part No.	Insulation O.D.	Q.ty
AWG 16-24	6143TR	2.4 mm max.	4000 pcs/reel

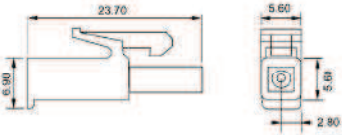
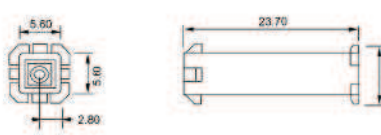
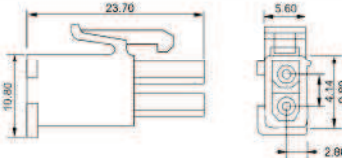
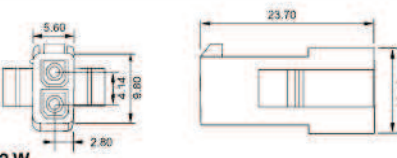
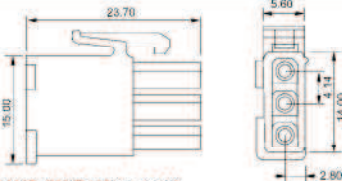
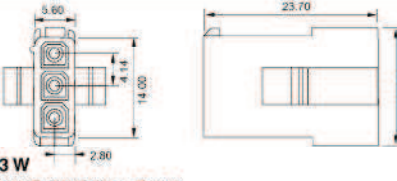
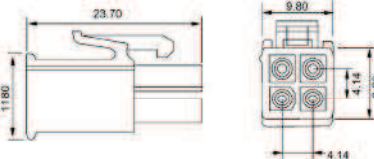
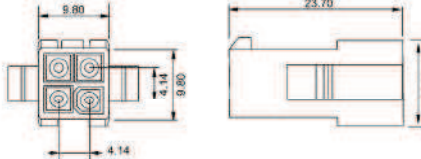
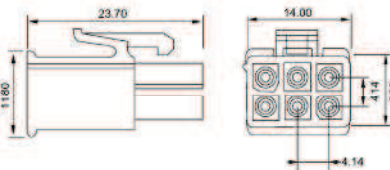
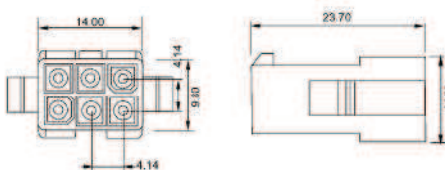
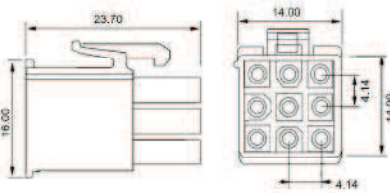
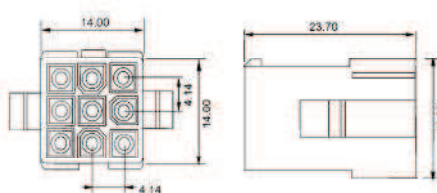


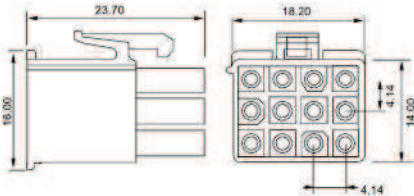
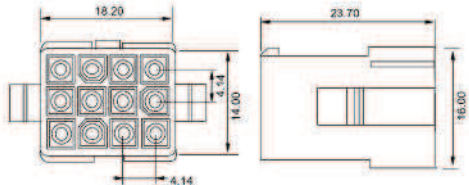
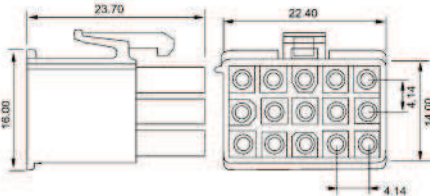
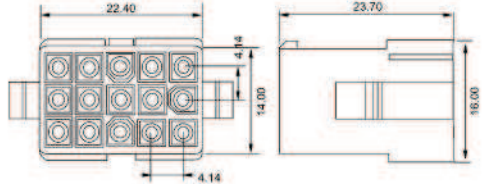
Applicable Wires	Part No.	Insulation O.D.	Q.ty
AWG 16-24	6143TP	2.4 mm max.	4000 pcs/reel

CABLING CONNECTORS

4.14 mm pitch - wire to wire connectors - 6143



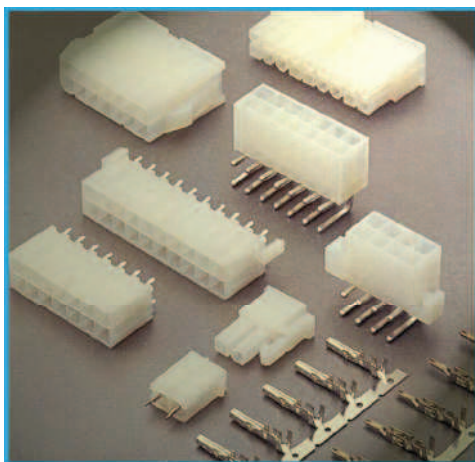
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Receptacle	Plug
1	10A	250V	 6143 R01 WO (W/O. Mtg. ears)	 6143 P01 WO (W/O. Mtg. ears)
2	10A	250V	 6143 R02 WO (W/O. Mtg. ears)	 6143 P02 W 6143 P02 WO (W/O Mtg. Ears)
3	10A	250V	 6143 R03 WO (W/O. Mtg. ears)	 6143 P03 W 6143 P03 WO (W/O Mtg. Ears)
4	10A	250V	 6143 R04 WO (W/O. Mtg. ears)	 6143 P04 W 6143 P04 WO (W/O. Mtg. ears)
6	8A	250V	 6143 R06 WO (W/O. Mtg. ears)	 6143 P06 W 6143 P06 WO (W/O. Mtg. ears)
9	6A	250V	 6143 R09 WO (W/O. Mtg. ears)	 6143 P09 W 6143 P09 WO (W/O. Mtg. ears)

Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Receptacle	Plug
12	6A	250V	 6143 R12 WO (W/O. Mtg. ears)	 6143 P12 W 6143 P12 WO (W/O. Mtg. ears)
15	6A	250V	 6143 R15 WO (W/O. Mtg. ears)	 6143 P15 W 6143 P15 WO (W/O. Mtg. ears)

CABLING CONNECTORS

4,2 mm pitch - wire to board connectors

L

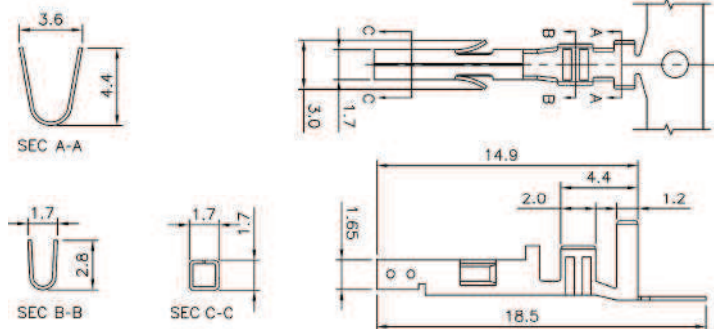


SPECIFICATIONS

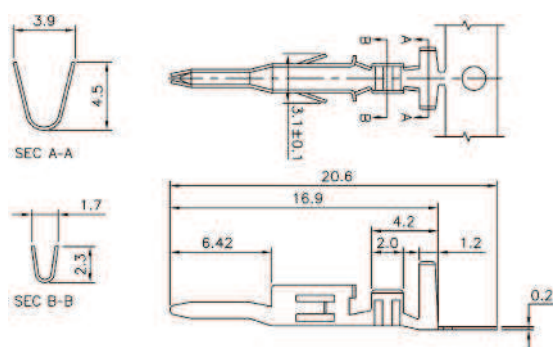
Voltage Rating: 600V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

TERMINAL

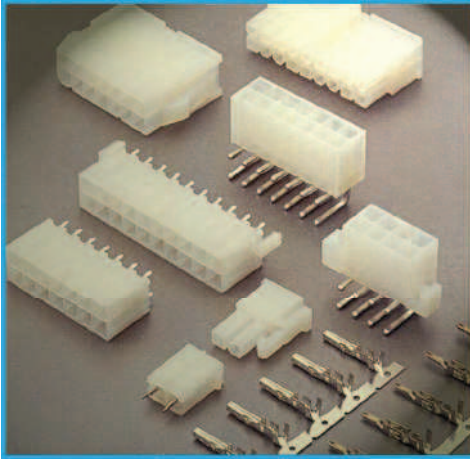
P/N: AWG 18 ~ 24 6137TR1/6137TP1
 P/N: AWG 22 ~ 26 6137TR2/6137TP2
 Material: Brass /Phosphor Bronze
 Finish: Tin plated
 Q.ty: 5000 pcs/reel



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 18-24	6137TR1	Brass	Tin plated	5,000/reel
AWG 22-26	6137TR2	Brass	Tin plated	5,000/reel



Applicable Wires	Part No.	Material	Finish	Q.ty
AWG 18-24	6137TP1	Brass	Tin plated	5,000/reel
AWG 22-26	6137TP2	Brass	Tin plated	5,000/reel

**SPECIFICATIONS**

Voltage Rating: 600V AC/DC

Current Rating: 7A AC/DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

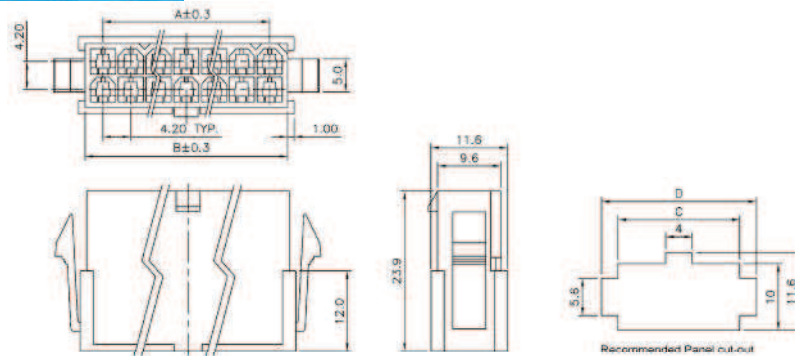
Contact Resistance: 20 mΩ max.

HOUSING

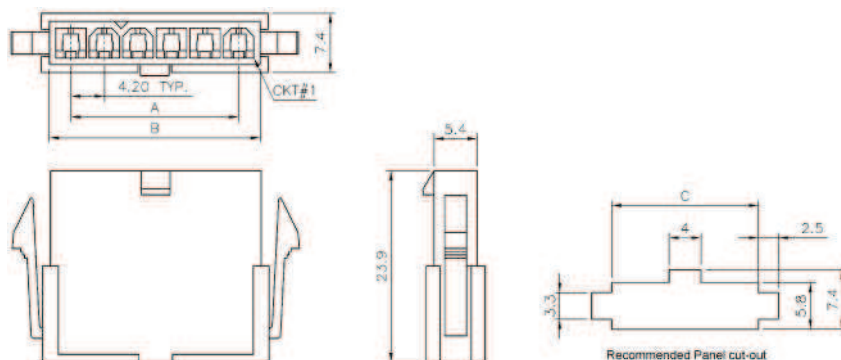
Poles: 2-24 (D/R); 2-6 (S/R)

Material: Nylon 66, UL 94V-2 or V-0

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6137P02W	4.20	5.40	5.80	10.80	22	6137P22W	42.00	47.80	47.80	52.80
4	6137P04W	8.40	9.60	10.00	15.00	24	6137P24W	46.20	51.60	52.00	57.00
6	6137P06W	12.60	13.80	14.20	19.20						
8	6137P08W	16.80	18.00	18.40	23.40						
10	6137P10W	21.00	22.20	22.60	27.40						
12	6137P12W	25.20	26.40	26.80	31.80						
14	6137P14W	29.40	30.60	31.00	36.00						
16	6137P16W	33.60	34.80	35.20	40.20						
18	6137P18W	37.80	39.00	39.40	44.40						
20	6137P20W	42.00	43.20	43.60	48.60						

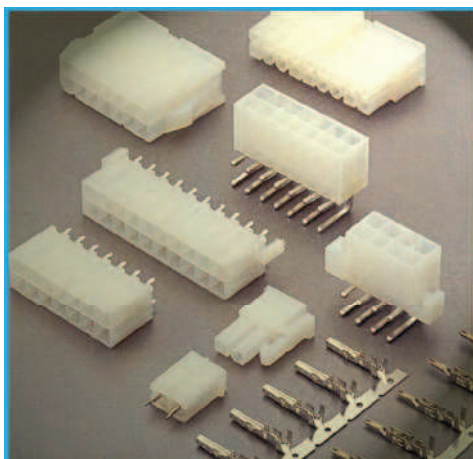


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6137P102W	4.20	9.60	9.60					
3	6137P103W	8.40	13.80	19.20					
4	6137P104W	12.60	18.00	23.40					
5	6137P105W	16.80	22.20	27.60					
6	6137P106W	21.00	26.40	31.80					

CABLING CONNECTORS

4,2 mm pitch - wire to board connectors

L



SPECIFICATIONS

Voltage Rating: 600V AC,DC

Current Rating: 7A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

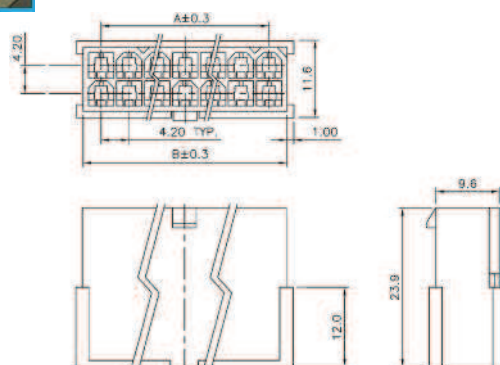
Contact Resistance: 20 mΩ max.

HOUSING

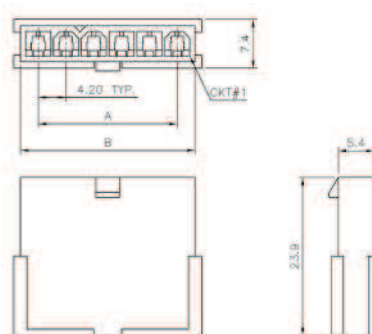
Poles: 2-24 (D/R); 2-6 (S/R)

Material: Nylon 66, UL 94V-2 or V-0

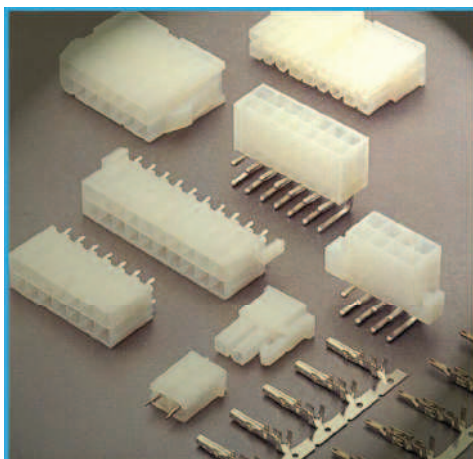
Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6137P02W/O	----	5.40	5.80	10.80	22	6137P22W/O	42.00	47.80	47.80	52.80
4	6137P04W/O	4.20	9.60	10.00	15.00	24	6137P24W/O	46.20	51.60	52.00	57.00
6	6137P06W/O	8.40	13.80	14.20	19.20						
8	6137P08W/O	12.60	18.00	18.40	23.40						
10	6137P10W/O	16.80	22.20	22.60	27.40						
12	6137P12W/O	21.00	26.40	26.80	31.80						
14	6137P14W/O	25.20	30.60	31.00	36.00						
16	6137P16W/O	29.40	34.80	35.20	40.20						
18	6137P18W/O	33.60	39.00	39.40	44.40						
20	6137P20W/O	37.80	43.20	43.60	48.60						



Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6137P102W/O	4.20	9.60	9.60					
3	6137P103W/O	8.40	13.80	19.20					
4	6137P104W/O	12.60	18.00	23.40					
5	6137P105W/O	16.80	22.20	27.60					
6	6137P106W/O	21.00	26.40	31.80					



SPECIFICATIONS

Voltage Rating: 600V AC,DC

Current Rating: 7A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

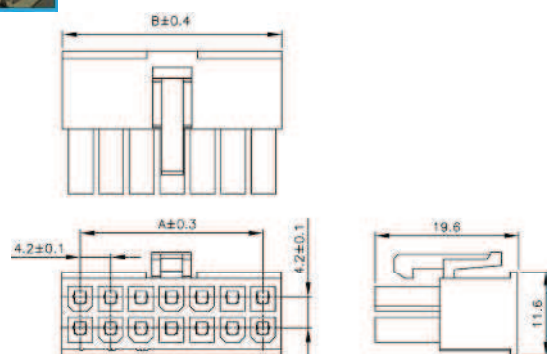
Contact Resistance: 20 mΩ max.

HOUSING

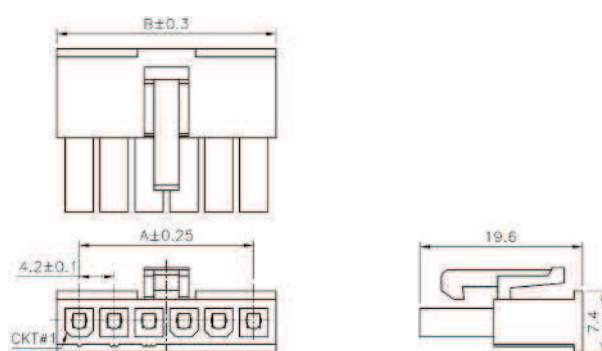
Poles: 2-24 (D/R); 2-6 (S/R)

Material: Nylon 66, UL 94V-2 or V-0

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)	D (mm)
2	6137R02W/O	----	5.40	5.80	10.80	22	6137R22W/O	42.00	47.80	47.80	52.80
4	6137R04W/O	4.20	9.60	10.00	15.00	24	6137R24W/O	46.20	51.60	52.00	57.00
6	6137R06W/O	8.40	13.80	14.20	19.20						
8	6137R08W/O	12.60	18.00	18.40	23.40						
10	6137R10W/O	16.80	22.20	22.60	27.40						
12	6137R12W/O	21.00	26.40	26.80	31.80						
14	6137R14W/O	25.20	30.60	31.00	36.00						
16	6137R16W/O	29.40	34.80	35.20	40.20						
18	6137R18W/O	33.60	39.00	39.40	44.40						
20	6137R20W/O	37.80	43.20	43.60	48.60						

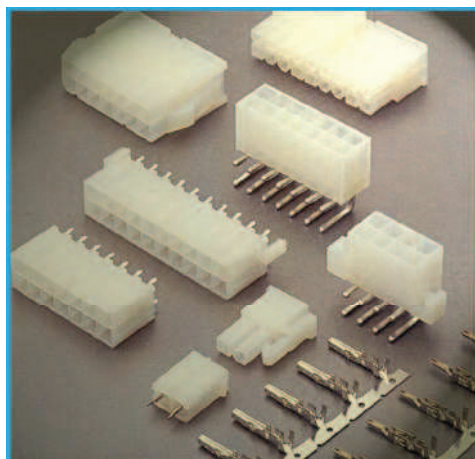


Poles	Part No.	A (mm)	B (mm)	C (mm)	Poles	Part No.	A (mm)	B (mm)	C (mm)
2	6137R102W/O	4.20	9.60	9.60					
3	6137R103W/O	8.40	13.80	19.20					
4	6137R104W/O	12.60	18.00	23.40					
5	6137R105W/O	16.80	22.20	27.60					
6	6137R106W/O	21.00	26.40	31.80					

CABLING CONNECTORS

4,2 mm pitch - wire to board connectors

L

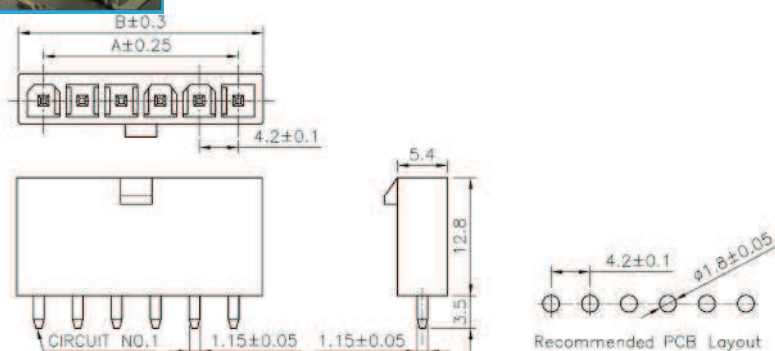


SPECIFICATIONS

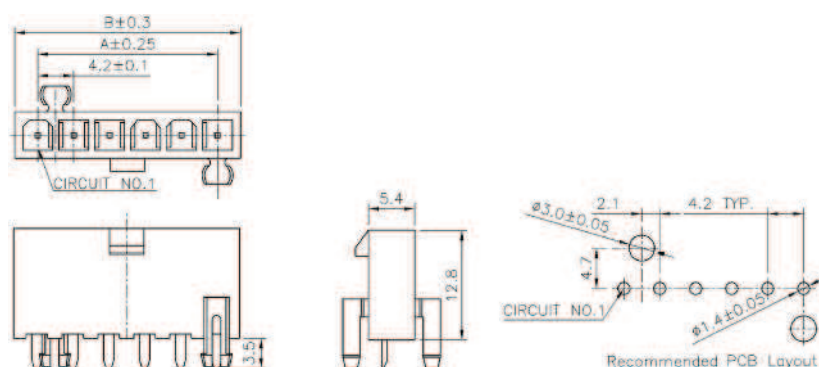
Voltage Rating: 600V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500 V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

HEADER

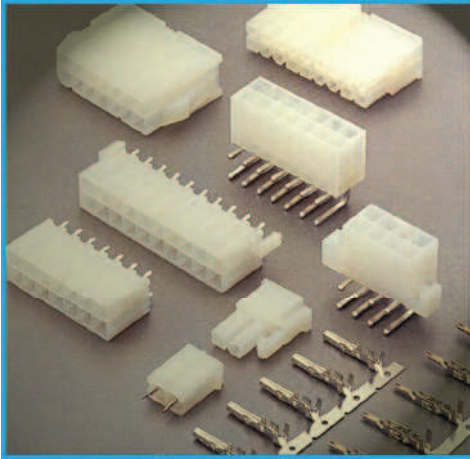
Poles: 2-6
 Material: Nylon 66, UL 94V-0 or V-0
 Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)
2	6137W0102-S	4.20	9.60
3	6137W0103-S	8.40	13.80
4	6137W0104-S	12.60	18.00
5	6137W0105-S	16.80	22.20
6	6137W0106-S	24.00	26.40



Poles	Part No.	A (mm)	B (mm)
2	6137W102-S	4.20	9.60
3	6137W103-S	8.40	13.80
4	6137W104-S	12.60	18.00
5	6137W105-S	16.80	22.20
6	6137W106-S	24.00	26.40



SPECIFICATIONS

Voltage Rating: 600V AC,DC

Current Rating: 7A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

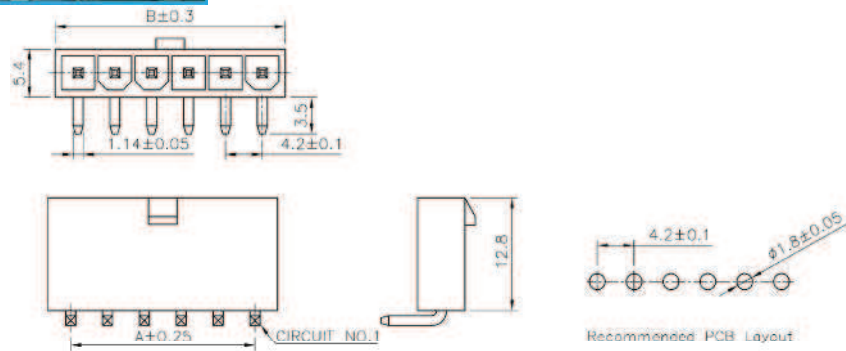
Contact Resistance: 20 mΩ max.

HEADER

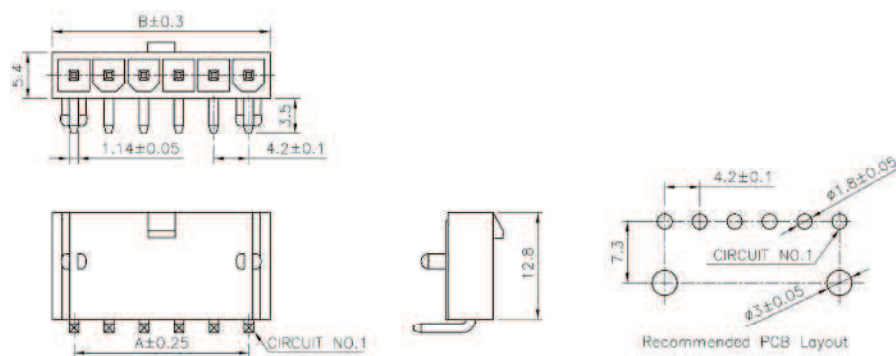
Poles: 2-6

Material: Nylon 66, UL 94V-2 or V-0

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)
2	6137W0102-R	4.20	9.60
3	6137W0103-R	8.40	13.80
4	6137W0104-R	12.60	18.00
5	6137W0105-R	16.80	22.20
6	6137W0106-R	24.00	26.40

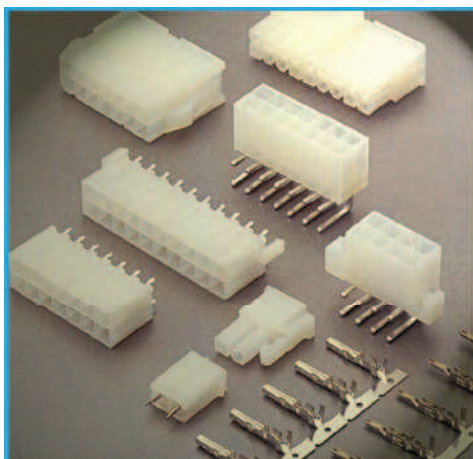


Poles	Part No.	A (mm)	B (mm)
2	6137W102-R	4.20	9.60
3	6137W103-R	8.40	13.80
4	6137W104-R	12.60	18.00
5	6137W105-R	16.80	22.20
6	6137W106-R	24.00	26.40

CABLING CONNECTORS

4,2 mm pitch - wire to board connectors

L



SPECIFICATIONS

Voltage Rating: 600V AC,DC

Current Rating: 7A AC,DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

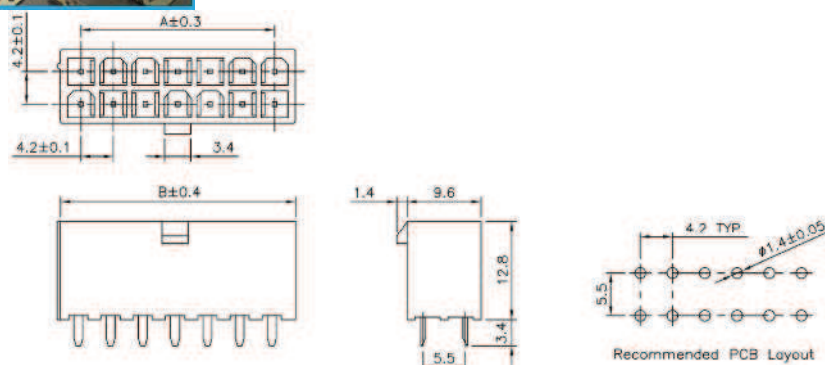
Contact Resistance: 20 mΩ max.

HEADER

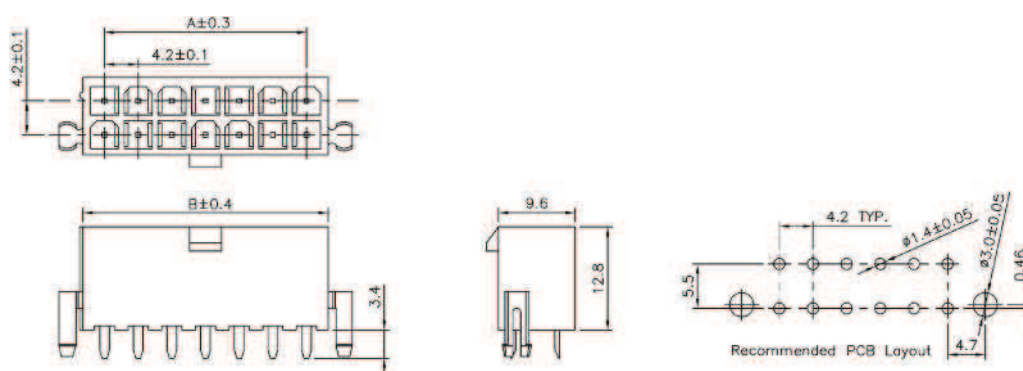
Poles: 2-24

Material: Nylon 66, UL 94V-2 or V-0

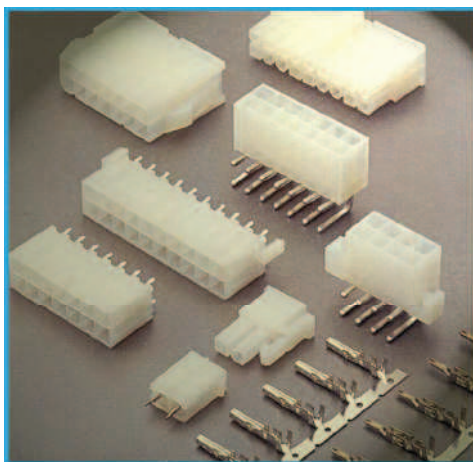
Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6137W002-S	----	5.50	22	6137W022-S	42.00	47.50
4	6137W004-S	4.20	9.70	24	6137W024-S	46.20	51.70
6	6137W006-S	8.40	13.90				
8	6137W008-S	12.60	18.10				
10	6137W010-S	16.80	22.30				
12	6137W012-S	21.00	26.50				
14	6137W014-S	25.20	30.70				
16	6137W016-S	29.40	34.90				
18	6137W018-S	33.60	39.10				
20	6137W020-S	37.80	43.30				



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6137W002-S	----	5.50	22	6137W022-S	42.00	47.50
4	6137W004-S	4.20	9.70	24	6137W024-S	46.20	51.70
6	6137W006-S	8.40	13.90				
8	6137W008-S	12.60	18.10				
10	6137W010-S	16.80	22.30				
12	6137W012-S	21.00	26.50				
14	6137W014-S	25.20	30.70				
16	6137W016-S	29.40	34.90				
18	6137W018-S	33.60	39.10				
20	6137W020-S	37.80	43.30				



SPECIFICATIONS

Voltage Rating: 600V AC,DC

Current Rating: 7A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

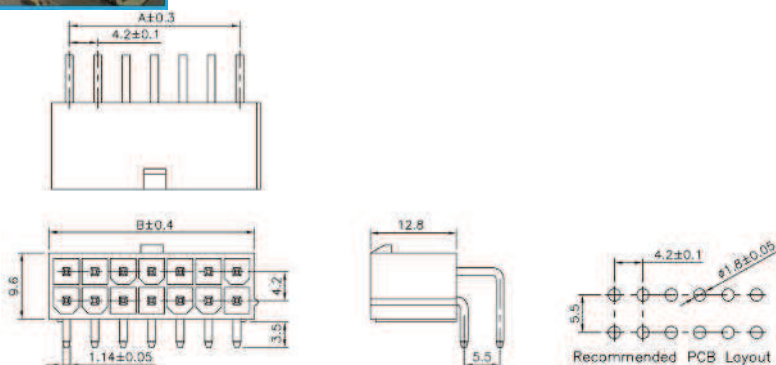
Contact Resistance: 20 mΩ max.

HEADER

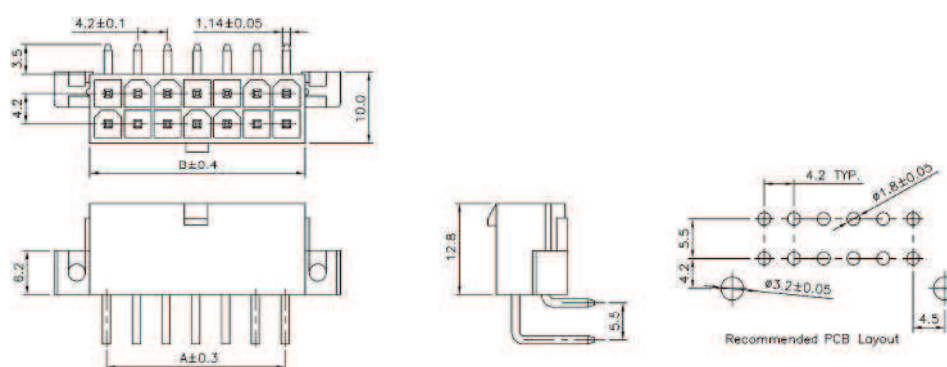
Poles: 2-24

Material: Nylon 66, UL 94V-2 or V-0

Q.ty: 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6137W002-R	----	5.50	22	6137W022-R	42.00	47.50
4	6137W004-R	4.20	9.70	24	6137W024-R	46.20	51.70
6	6137W006-R	8.40	13.90				
8	6137W008-R	12.60	18.10				
10	6137W010-R	16.80	22.30				
12	6137W012-R	21.00	26.50				
14	6137W014-R	25.20	30.70				
16	6137W016-R	29.40	34.90				
18	6137W018-R	33.60	39.10				
20	6137W020-R	37.80	43.30				

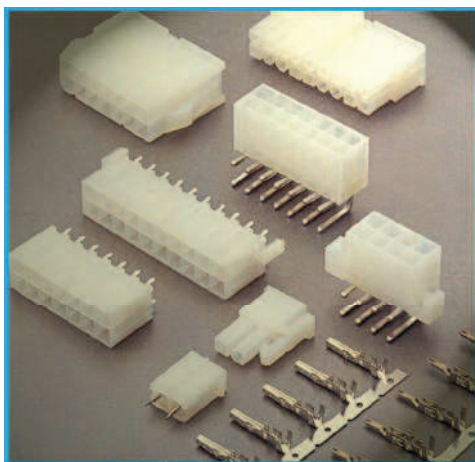


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6137W02-R	----	5.50	22	6137W22-R	42.00	47.50
4	6137W04-R	4.20	9.70	24	6137W24-R	46.20	51.70
6	6137W06-R	8.40	13.90				
8	6137W08-R	12.60	18.10				
10	6137W10-R	16.80	22.30				
12	6137W12-R	21.00	26.50				
14	6137W14-R	25.20	30.70				
16	6137W16-R	29.40	34.90				
18	6137W18-R	33.60	39.10				
20	6137W20-R	37.80	43.30				

CABLING CONNECTORS

4,2 mm pitch - wire to board connectors

L

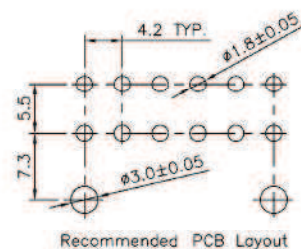
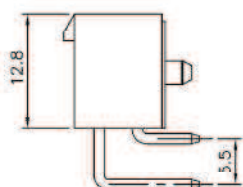
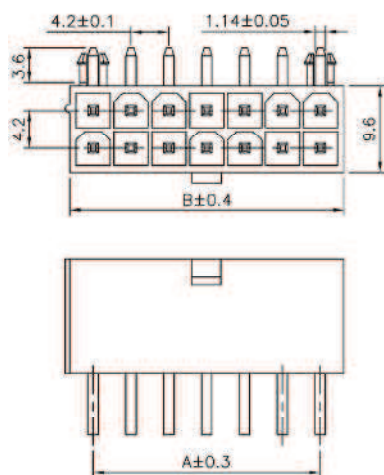


SPECIFICATIONS

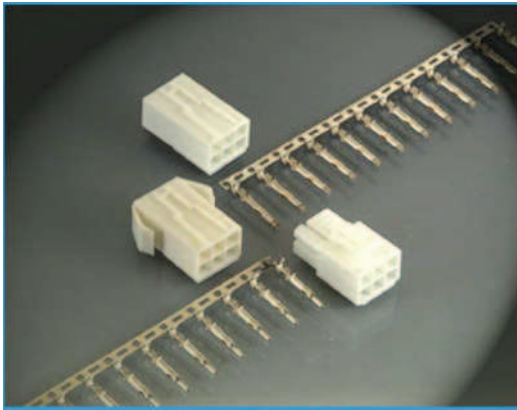
Voltage Rating: 600V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

HEADER

Poles: 2-24
 Material: Nylon 66, UL 94V-2 or V-0
 Q.ty: 1000 pcs/bag



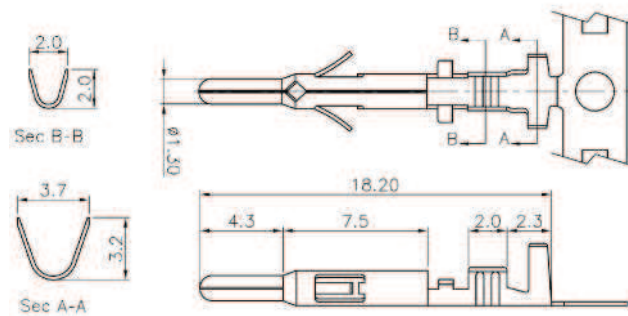
Poles	Part No.	A (mm)	B (mm)
2	6137W002-RP	-----	5.50
4	6137W004-RP	4.20	9.70
6	6137W006-RP	8.40	13.90
8	6137W008-RP	12.60	18.10
10	6137W010-RP	16.80	22.30
12	6137W012-RP	21.00	26.50
14	6137W014-RP	25.20	30.70
16	6137W016-RP	29.40	34.90
18	6137W018-RP	33.60	39.10
20	6137W020-RP	37.80	43.30
22	6137W022-RP	42.00	47.50
24	6137W024-RP	46.20	51.70

**SPECIFICATIONS**

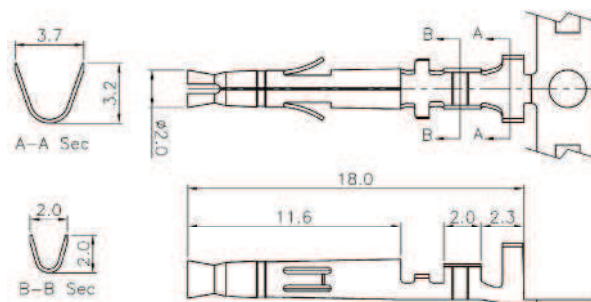
Voltage Rating: 300V AC,DC
 Current Rating: 9A-12A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires: AWG 16~24
 Material: Phosphor bronze
 Finish: Tin plated
 Q.ty: 7000 pcs/reel



Applicable wire	Part No.	Material	Finish	Q.ty
AWG 16-24	6128TP	Phosp.bronze	Tin Plated	7.000 pcs/reel

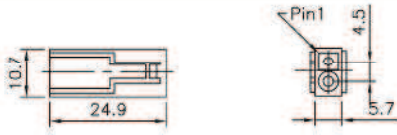
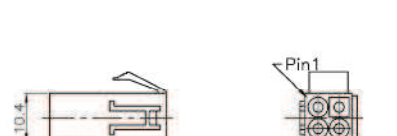
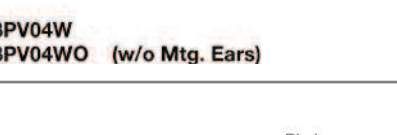
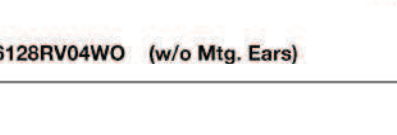
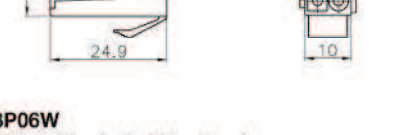
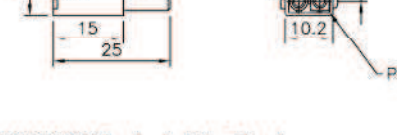


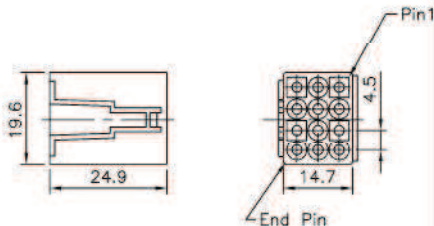
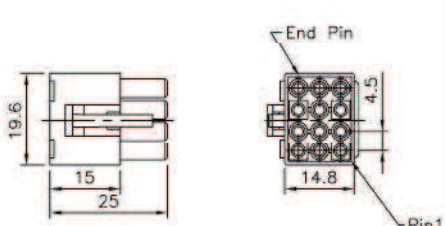
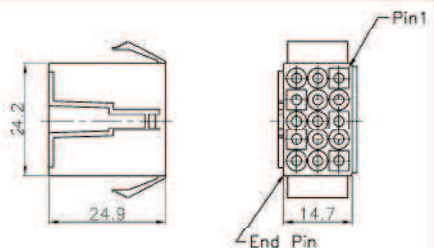
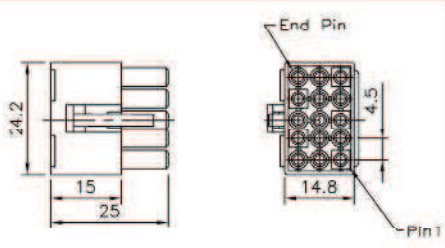
Applicable wire	Part No.	Material	Finish	Q.ty
AWG 16-24	6128TR	Phosp.bronze	Tin plated	7.000 pcs/reel

CABLING CONNECTORS

4,5 mm pitch - wire to wire connectors - 6128



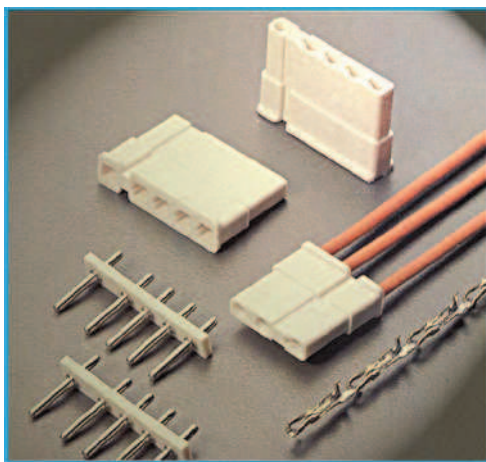
Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
2	12A	300V	 6128P02W 6128P02WO (w/o Mtg. Ears)	 6128R02WO (w/o Mtg. Ears)
3	12A	300V	 6128P03W 6128P03WO (w/o Mtg. Ears)	 6128R03WO (w/o Mtg. Ears)
4	11A	300V	 6128P04W 6128P04WO (w/o Mtg. Ears)	 6128R04WO (w/o Mtg. Ears)
4	11A	300V	 6128PV04W 6128PV04WO (w/o Mtg. Ears)	 6128RV04WO (w/o Mtg. Ears)
6	11A	300V	 6128P06W 6128P06WO (w/o Mtg. Ears)	 6128R06WO (w/o Mtg. Ears)
9	10A	300V	 6128P09W 6128P09WO (w/o Mtg. Ears)	 6128R09WO (w/o Mtg. Ears)

Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
12	9A	300V	 6128P12W 6128P12WO (w/o Mtg. Ears)	 6128R12WO (w/o Mtg. Ears)
15	9A	300V	 6128P15W 6128P15WO (w/o Mtg. Ears)	 6128R15WO (w/o Mtg. Ears)

CABLING CONNECTORS

5,0 mm pitch - wire to board connectors - 6118

L



SPECIFICATIONS

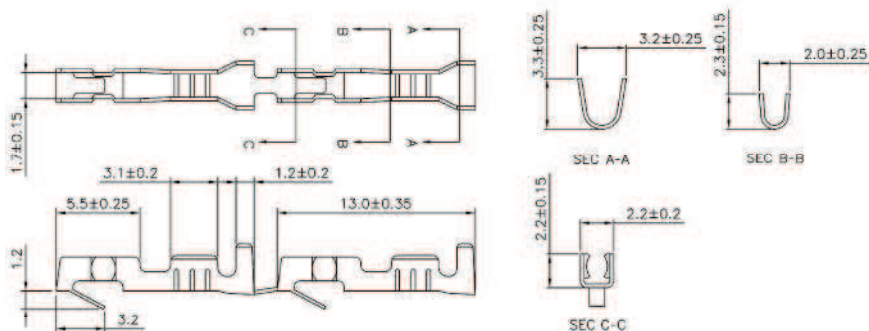
Voltage Rating: 250V AC/DC
Current Rating: 5A
Withstanding Voltage: 1500 V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

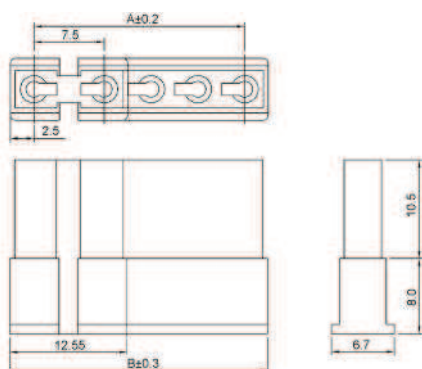
Applicable wires: AWG 18 ~ 22
Material: Brass
Finish: Tin plated
Q.ty: 20000 pcs/reel

HOUSING

Poles: 1-6
Material: Nylon 66, UL 94V-0
Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Material	Finish	Q.ty
AWG 18 ~ 22	6118T	Brass	Tin plated	20000/reel

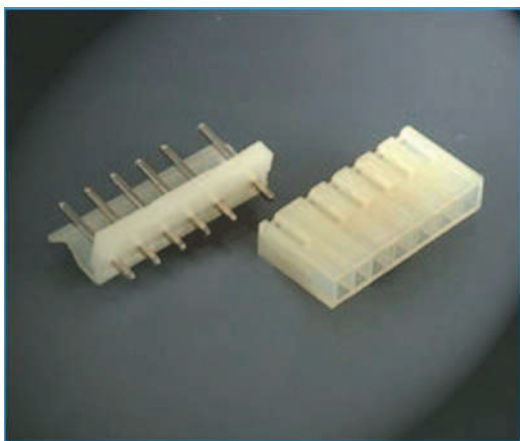


Poles	Part No.	A (mm)	B (mm)
1	6118F01	—	05.00
2	6118F02	7.50	12.50
3	6118F03	5.00	17.50
4	6118F04	10.00	22.50
5	6118F05	15.00	27.50
6	6118F06	20.00	32.50

CABLING CONNECTORS

5,0 mm pitch - wire to board connectors - 6158

L



SPECIFICATIONS

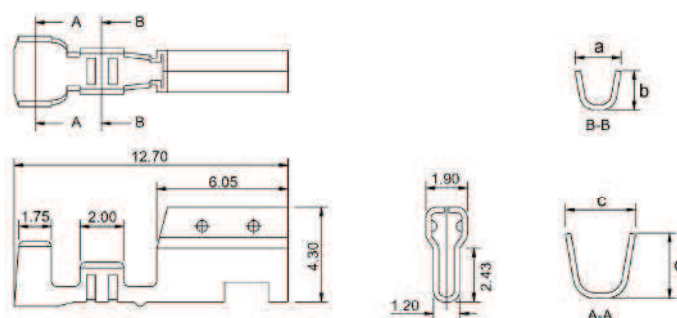
Voltage Rating: 250V AC,DC
Current Rating: 9A AC,DC
Withstanding Voltage: 1500V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

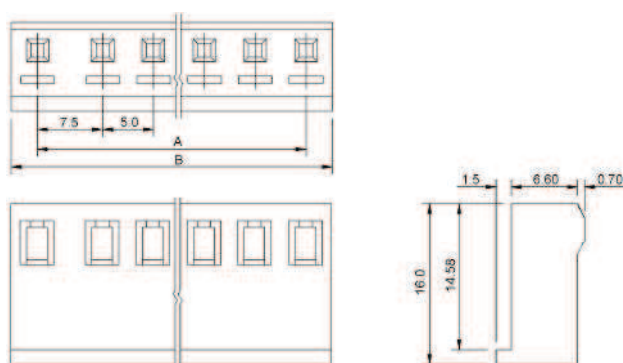
Applicable wires: AWG 18~24; AWG 22~28
Material: Brass
Finish: Tin plated
Q.ty: 5000 pcs/reel

HOUSING

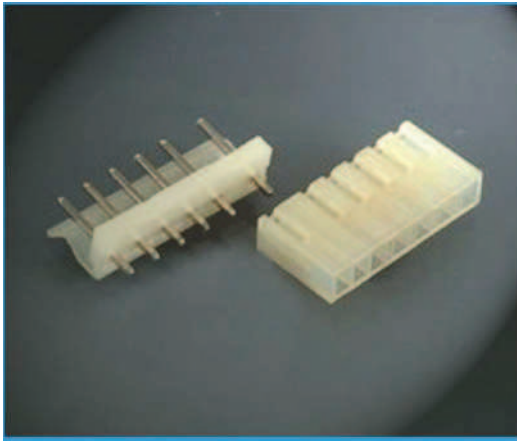
Poles: 2-6
Material: Nylon 66, UL 94V-2
Q.ty: 1000 pcs/bag



Applicable wire	Part No.	a(mm)	b(mm)	c(mm)	d(mm)	Q.ty
AWG 18~24	6145TA	2.45	2.4	4.0	3.9	5000/reel
AWG 22~28	6145TB	2.1	1.8	3.2	2.25	5000/reel



Poles	Part No.	A (mm)	B (mm)
2	6158F02	7.50	12.50
3	6158F03	12.50	17.50
4	6158F04	17.50	22.50
5	6158F05	22.50	27.50
6	6158F06	27.50	32.50

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 9A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

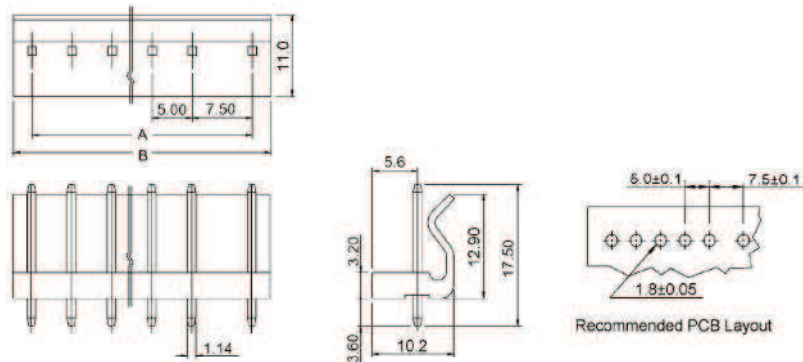
HEADER

Poles 2-6

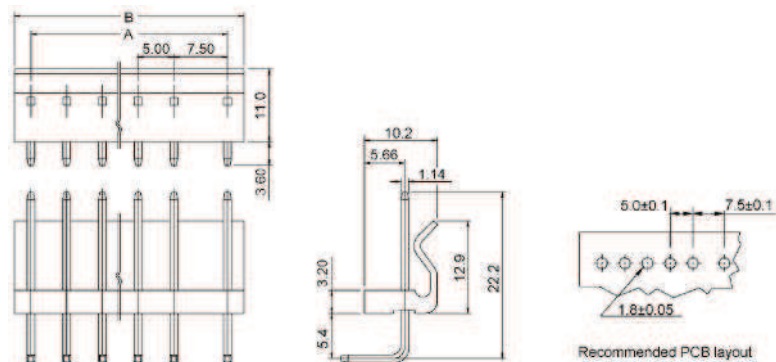
Material (base): Nylon 66, UL 94V-2

Material (post): Brass, Tin plated

Q.ty 1000 pcs/bag



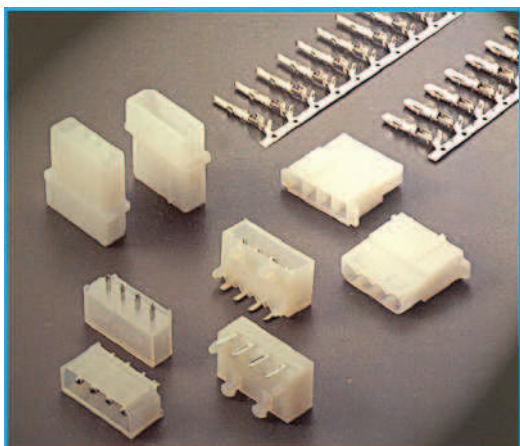
Poles	Part No.	A (mm)	B (mm)
2	6158M02-S	7.50	12.50
3	6158M03-S	12.50	17.50
4	6158M04-S	17.50	22.50
5	6158M05-S	22.50	27.50
6	6158M06-S	27.50	32.50



Poles	Part No.	A (mm)	B (mm)
2	6158M02-R	7.50	12.50
3	6158M03-R	12.50	17.50
4	6158M04-R	17.50	22.50
5	6158M05-R	22.50	27.50
6	6158M06-R	27.50	32.50

CABLING CONNECTORS

5,08 mm pitch - wire to board connectors - 6122



SPECIFICATIONS

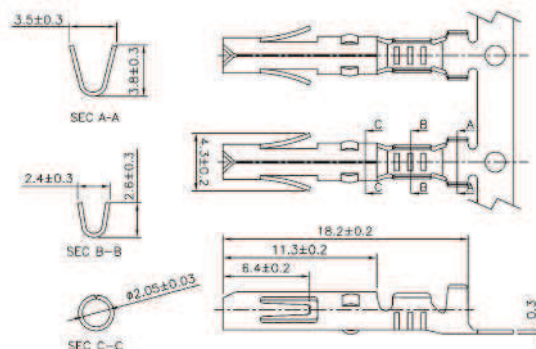
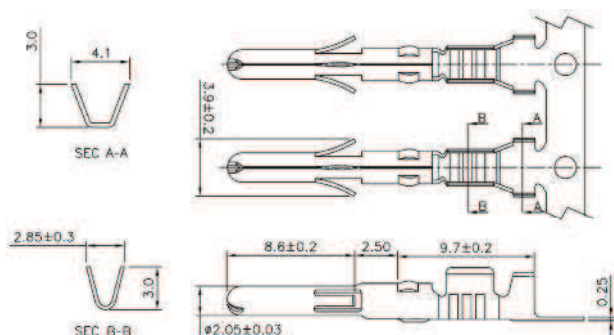
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 MΩ min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 mΩ max.

TERMINAL

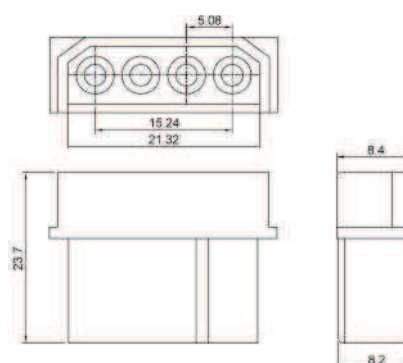
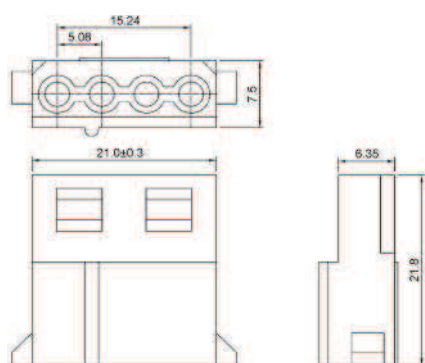
Applicable wires: AWG 18 ~ 22; 16 ~ 20
 Material: Brass
 Finish: Tin plated
 Q.ty: 7000 pcs/reel

HOUSING

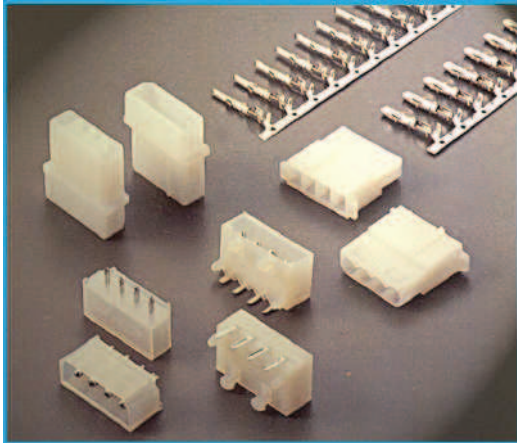
Poles: 4
 Material: Nylon 66, UL 94V-2
 Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Material	Finish	Q.ty
AWG 18 ~ 22	6122TA	Brass	Tin plated	7000/reel
AWG 16 ~ 20	6122TB	Brass	Tin plated	7000/reel



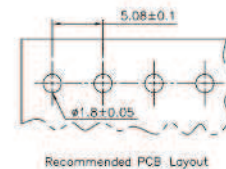
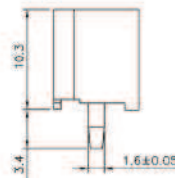
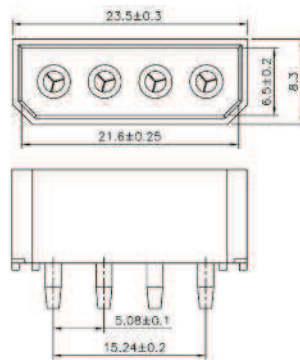
Poles	Part No	Type
4	6122FB04	Receptacle
4	6122MA04	Plug

**SPECIFICATIONS**

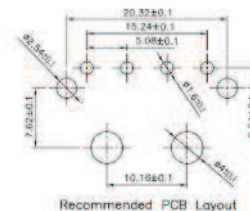
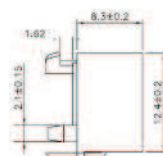
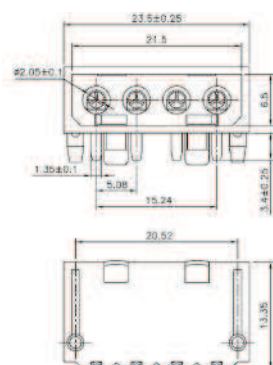
Voltage Rating: 250V AC,DC
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

HEADER

Poles: 4
 Material (base): Nylon 66, UL 94V-2
 Material (post): Brass Tin plated
 Q.ty: 1000 pcs/bag



Poles	Part No.
4	6122MB04-S

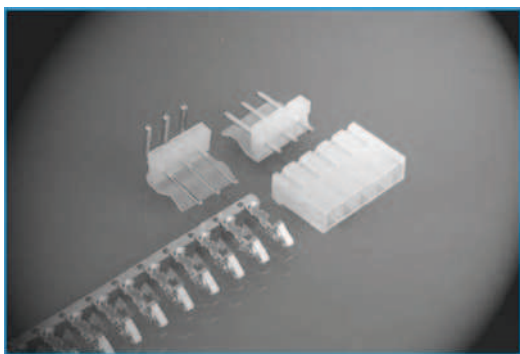


Poles	Part No.
4	6122MB04-R

CABLING CONNECTORS

5,08 mm pitch - wire to board connectors - 6141

L



SPECIFICATIONS

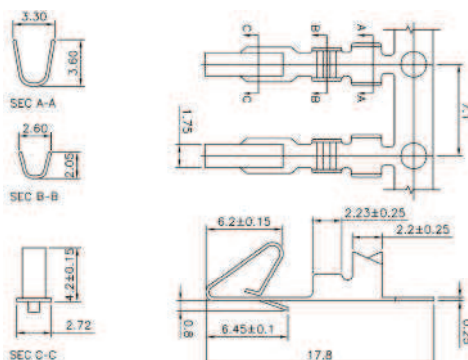
Voltage Rating: 250V AC,DC
Current Rating: 7A AC, DC
Withstanding Voltage: 1500 V AC/minute
Insulation Resistance: 1000 MΩ min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 mΩ max.

TERMINAL

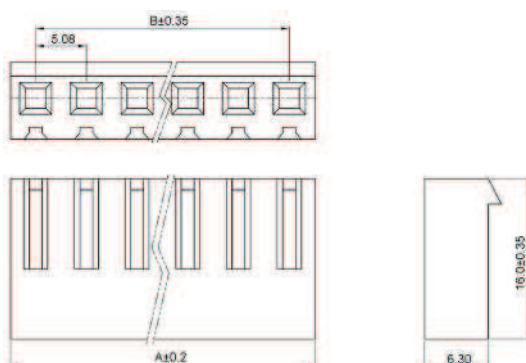
Applicable wires: AWG 18 ~ 24
Material: Brass
Finish: Tin plated
Q.ty: 6000 pcs/reel

HOUSING

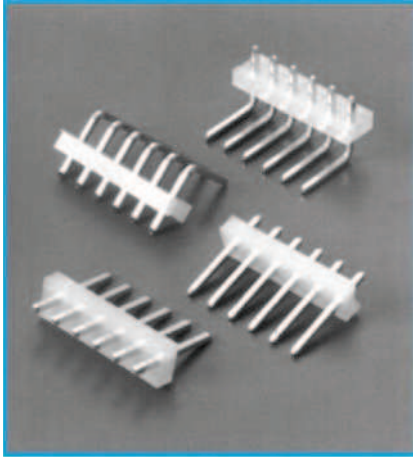
Poles: 2-20
Material: Nylon 66, 64V-2 or V-0
Q.ty: 1000 pcs/bag



Applicable	Part No.	Material	Q.ty	Type	Applicable	Part No.	Material	Q.ty	Type
AWG 18-24	6116T	Brass	6,000/reel	End chain					
AWG 18-24	6116TC	Brass	7,000/reel	Middle					



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6141F02	10.16	5.08	12	6141F12	60.96	55.88
3	6141F03	15.24	10.16	13	6141F13	66.04	60.96
4	6141F04	20.32	15.24	14	6141F14	71.12	66.04
5	6141F05	25.40	20.32	15	6141F15	76.20	71.12
6	6141F06	30.48	25.40	16	6141F16	81.28	76.20
7	6141F07	35.56	30.48	17	6141F17	86.36	81.28
8	6141F08	40.64	35.56	18	6141F18	91.44	86.36
9	6141F09	45.72	40.64	19	6141F19	96.52	91.44
10	6141F10	50.80	45.72	20	6141F20	101.6	96.52
11	6141F11	55.88	50.80				

**SPECIFICATIONS**

Voltage Rating: 250V AC,DC

Current Rating: 7A AC, DC

Withstanding Voltage: 1500 V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -25°C ~ +85°C

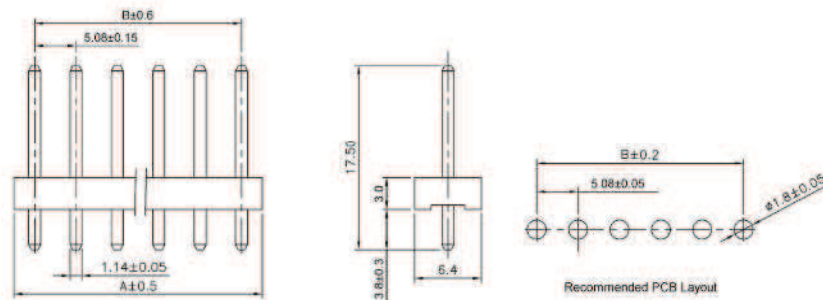
Contact Resistance: 20 m Ω max.**HEADER**

Poles 2-12

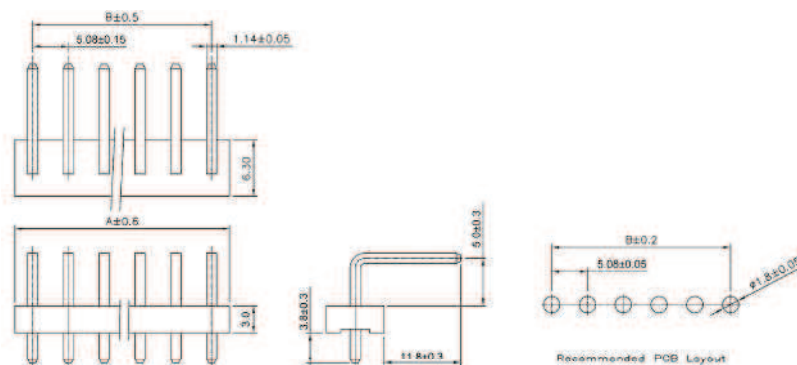
Material (base): Nylon 66, UL94V-0

Material (post): Brass Tin plated

Q.ty 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6141M02-S	10.16	5.08	12	6141M12-S	60.96	55.88
3	6141M03-S	15.24	10.16				
4	6141M04-S	20.32	15.24				
5	6141M05-S	25.40	20.32				
6	6141M06-S	30.48	25.40				
7	6141M07-S	35.56	30.48				
8	6141M08-S	40.64	35.56				
9	6141M09-S	45.72	40.64				
10	6141M10-S	50.80	45.72				
11	6141M11-S	55.88	50.80				

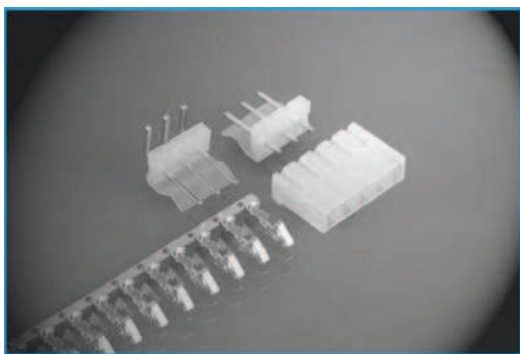


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6141M02-R	10.16	5.08	12	6141M12-R	60.96	55.88
3	6141M03-R	15.24	10.16				
4	6141M04-R	20.32	15.24				
5	6141M05-R	25.40	20.32				
6	6141M06-R	30.48	25.40				
7	6141M07-R	35.56	30.48				
8	6141M08-R	40.64	35.56				
9	6141M09-R	45.72	40.64				
10	6141M10-R	50.80	45.72				
11	6141M11-R	55.88	50.80				

CABLING CONNECTORS

5,08 mm pitch - wire to board connectors - 6142

L

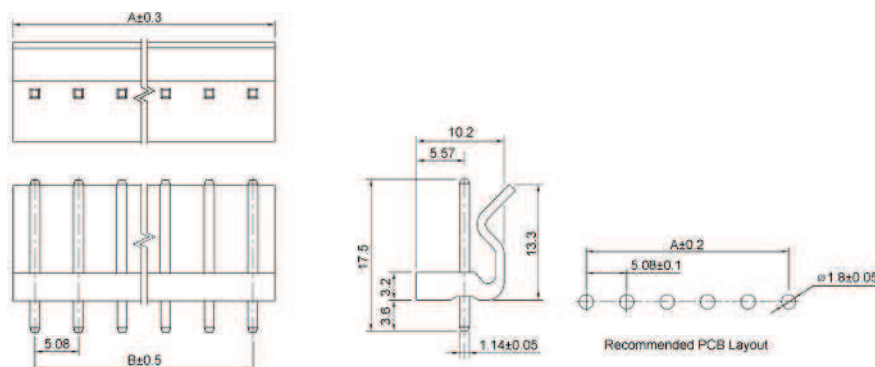


SPECIFICATIONS

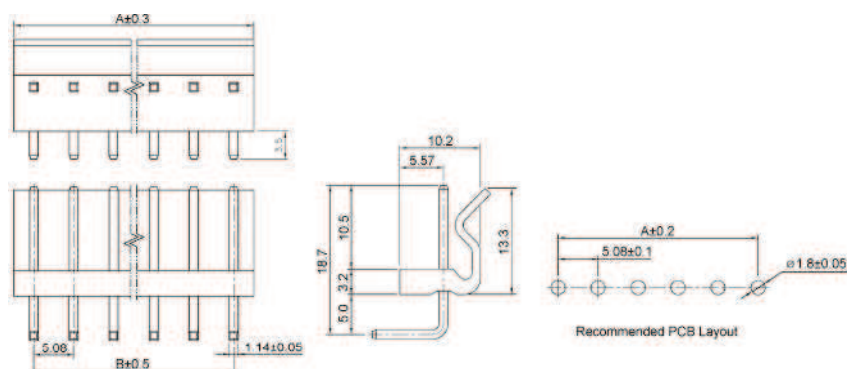
Voltage Rating: 250V AC, DC
 Current Rating: 7A ,AC, DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 1000 M Ω min.
 Temperature Range: -25°C ~ +85°C
 Contact Resistance: 20 m Ω max.

HEADER

Poles: 2-12
 Material (base): Nylon 66, UL 94V-2 or V-0
 Material (post): Brass Tin Plated
 Q.ty 1000 pcs/bag



Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6142M02-S	10.16	5.08	12	6142M12-S	60.96	55.88
3	6142M03-S	15.24	10.16				
4	6142M04-S	20.32	15.24				
5	6142M05-S	25.40	20.32				
6	6142M06-S	30.48	25.40				
7	6142M07-S	35.56	30.48				
8	6142M08-S	40.64	35.56				
9	6142M09-S	45.72	40.64				
10	6142M10-S	50.80	45.72				
11	6142M11-S	55.80	50.80				

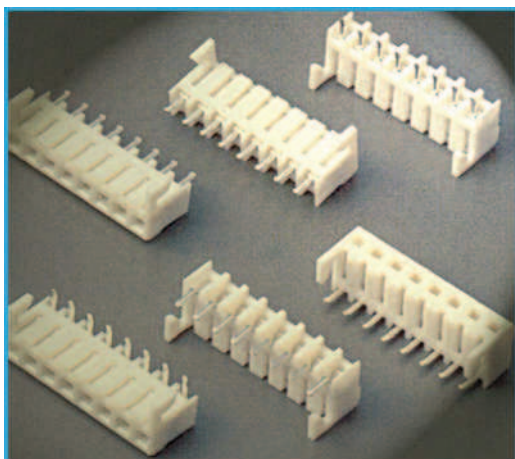


Poles	Part No.	A (mm)	B (mm)	Poles	Part No.	A (mm)	B (mm)
2	6142M02-R	10.16	5.08	12	6142M12-R	60.96	55.88
3	6142M03-R	15.24	10.16				
4	6142M04-R	20.32	15.24				
5	6142M05-R	25.40	20.32				
6	6142M06-R	30.48	25.40				
7	6142M07-R	35.56	30.48				
8	6142M08-R	40.64	35.56				
9	6142M09-R	45.72	40.64				
10	6142M10-R	50.80	45.72				
11	6142M11-R	55.88	50.80				

CABLING CONNECTORS

5,08 mm pitch - PCB female connectors - 6153

L

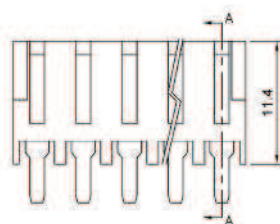
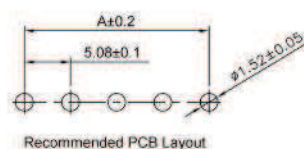
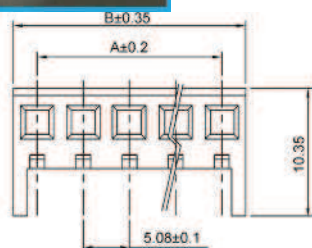


SPECIFICATIONS

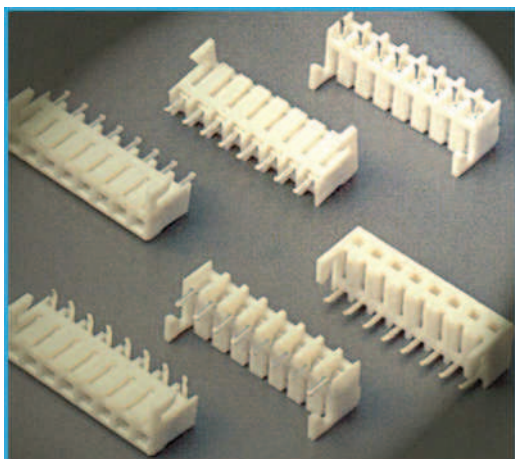
Voltage Rating: 250V AC max.
 Current Rating: 7A AC,DC
 Withstanding Voltage: 1500V AC/minute
 Insulation Resistance: 5000 MΩ min.
 Temperature Range: -40°C ~ +105°C
 Contact Resistance: 20 mΩ max.

PCB SOCKET

Poles: 2-20
 Material (base): Nylon 66
 Material (post): Brass
 Finish: Tin plated
 Q.ty: 1000 pcs/tray



Poles	Part No.	A (mm)	B (mm)
2	6153F02-S	5.08	10.16
3	6153F03-S	10.16	15.24
4	6153F04-S	15.24	20.32
5	6153F05-S	20.32	25.40
6	6153F06-S	25.40	30.48
7	6153F07-S	30.48	35.56
8	6153F08-S	35.56	40.64
9	6153F09-S	40.64	45.72
10	6153F10-S	45.72	50.80
11	6153F11-S	50.80	55.88
12	6153F12-S	55.88	60.96
13	6153F13-S	60.96	66.04
14	6153F14-S	66.04	71.12
15	6153F15-S	71.12	76.20
16	6153F16-S	76.20	81.28
17	6153F17-S	81.28	86.36
18	6153F18-S	86.36	91.44
19	6153F19-S	91.44	96.52
20	6153F20-S	96.52	101.6

**SPECIFICATIONS**

Voltage Rating: 250V AC max.

Current Rating: 7A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

PCB SOCKET

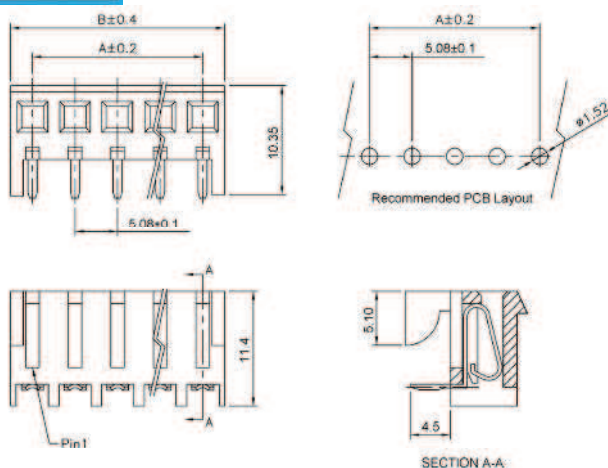
Poles 2-20

Material (base): Nylon 66

Material (post): Brass

Finish Tin plated

Q.ty 1000 pcs/tray

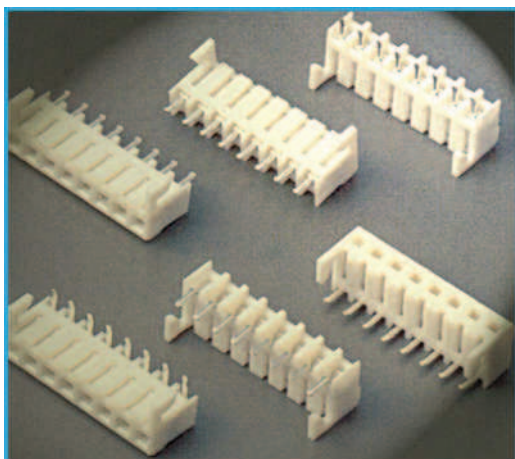


Poles	Part No.	A (mm)	B (mm)
2	6153F02-R	5.08	10.16
3	6153F03-R	10.16	15.24
4	6153F04-R	15.24	20.32
5	6153F05-R	20.32	25.40
6	6153F06-R	25.40	30.48
7	6153F07-R	30.48	35.56
8	6153F08-R	35.56	40.64
9	6153F09-R	40.64	45.72
10	6153F10-R	45.72	50.80
11	6153F11-R	50.80	55.88
12	6153F12-R	55.88	60.96
13	6153F13-R	60.96	66.04
14	6153F14-R	66.04	71.12
15	6153F15-R	71.12	76.20
16	6153F16-R	76.20	81.28
17	6153F17-R	81.28	86.36
18	6153F18-R	86.36	91.44
19	6153F19-R	91.44	96.52
20	6153F20-R	96.52	101.60

CABLING CONNECTORS

5,08 mm pitch - PCB female connectors - 6153

L



SPECIFICATIONS

Voltage Rating: 250V AC max.

Current Rating: 7A AC,DC

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 5000 MΩ min.

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20 mΩ max.

PCB SOCKET

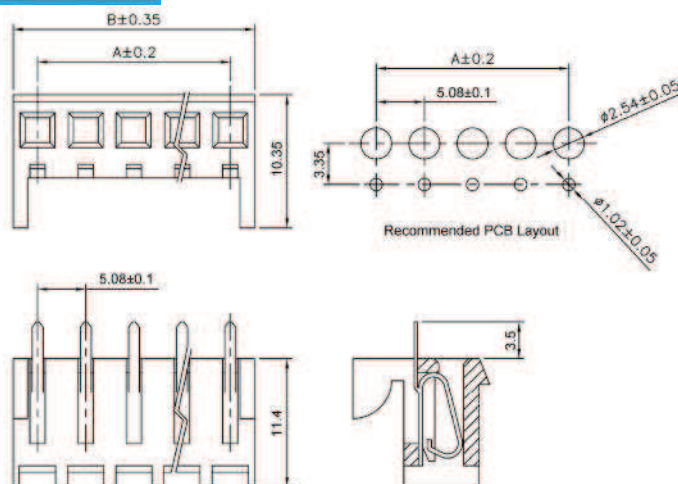
Poles: 2-20

Material (base): Nylon 66

Material (post): Brass

Finish: Tin plated

Q.ty: 1000 pcs/tray



Poles	Part No.	A (mm)	B (mm)
2	6153F02-DR	5.08	10.16
3	6153F03-DR	10.16	15.24
4	6153F04-DR	15.24	20.32
5	6153F05-DR	20.32	25.40
6	6153F06-DR	25.40	30.48
7	6153F07-DR	30.48	35.56
8	6153F08-DR	35.56	40.64
9	6153F09-DR	40.64	45.72
10	6153F10-DR	45.72	50.80
11	6153F11-DR	50.80	55.88
12	6153F12-DR	55.88	60.96
13	6153F13-DR	60.96	66.04
14	6153F14-DR	66.04	71.12
15	6153F15-DR	71.12	76.20
16	6153F16-DR	76.20	81.28
17	6153F17-DR	81.28	86.36
18	6153F18-DR	86.36	91.44
19	6153F19-DR	91.44	96.52
20	6153F20-DR	96.52	101.16

**SPECIFICATIONS**

Voltage Rating: 250V AC, DC

Current Rating: 12A max.

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 100 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

TERMINAL

Material Brass

Finish: None/Tin plated

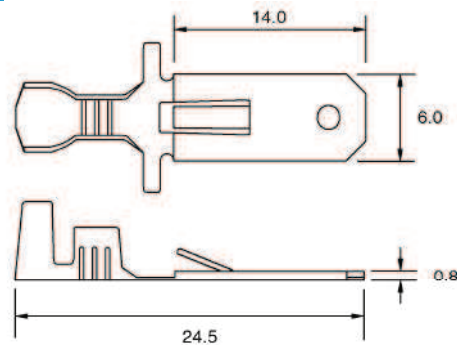
Q.ty: see table

HOUSING

Poles: 1, 2, 3, 4, 6, 8

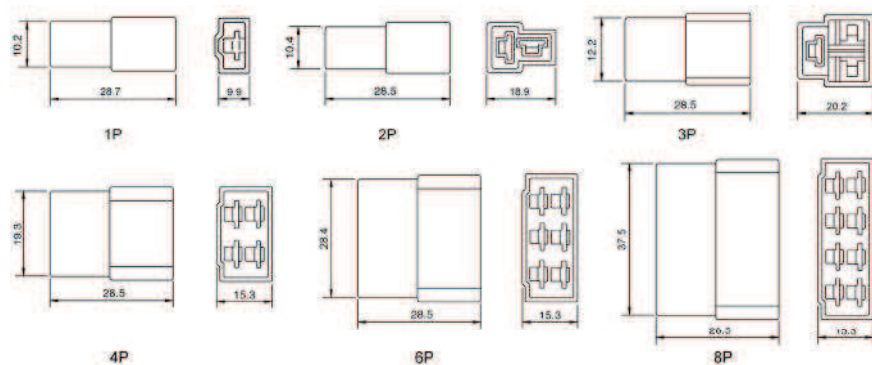
Material: PA66 UL 94V-2, natural

Q.ty: 1000 pcs/bag



Applicable Wires	Part No.	Insulation O.D.	Material	Finish	Q.ty
AWG 14-16	6133TPA*	3.5 mm max.	Brass	None	5000/reel
AWG 16-18	6133TPB*	3.1 mm max.	Brass	None	5000/reel
AWG 18-22	6133TPC*	2.1 mm max.	Brass	None	5000/reel

*For Tin plated version add. T to the Part No.



Poles	Part No.
1	6133P01
2	6133P02
3	6133P03
4	6133P04
6	6133P06
8	6133P08

CABLING CONNECTORS

6,0 mm series - wire to wire connectors - 6133

L



SPECIFICATIONS

Voltage Rating: 250V AC, DC

Current Rating: 12A max.

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 100 MΩ min.

Temperature Range: -25°C ~ +85°C

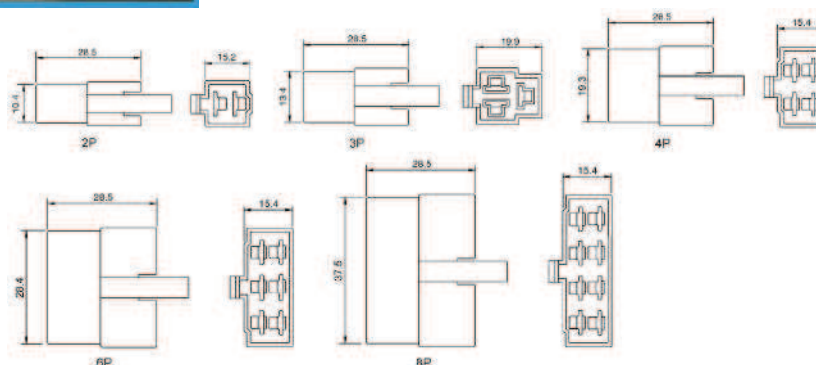
Contact Resistance: 20 mΩ max.

HOUSING

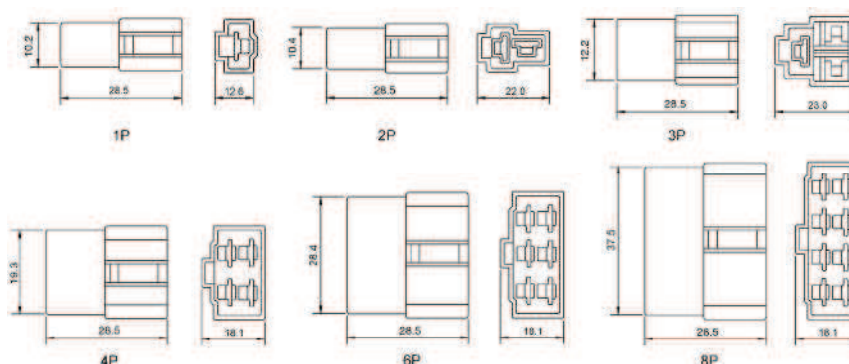
Poles: (1), 2, 3, 4, 6, 8

Material: Nylon 66, UL 94V-2

Q.ty: 1000 pcs/bag



Poles	Part No.
02	6133PL02
03	6133PL03
04	6133PL04
06	6133PL06
08	6133PL08



Poles	Part No.
1	6133PS01
2	6133PS02
3	6133PS03
4	6133PS04
6	6133PS06
8	6133PS08

**SPECIFICATIONS**

Voltage Rating: 250V AC, DC

Current Rating: 12A max.

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 100 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wire: AWG 12 ~ 22

Material: Brass

Finish: None

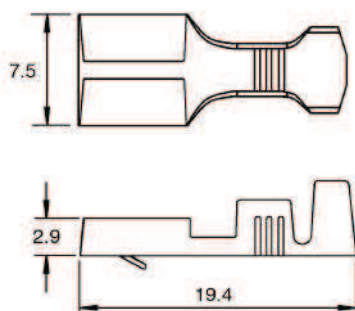
Q.ty: see table

HOUSING

Poles: 1, 2, 3, 4, 6, 8

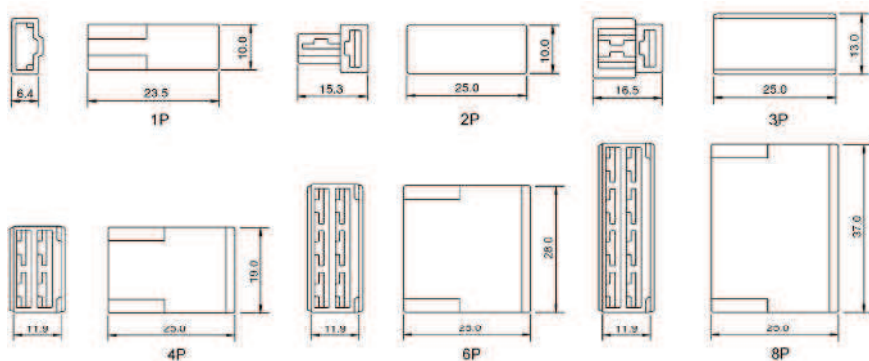
Material: PA66 UL 94V-2, natural

Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Insulation O.D.	Material	Finish	Q.ty
AWG 10-12	6134TRA*	4.0 mm max.	Brass	None	4000/reel
AWG 16-18	6134TRB*	3.1 mm max.	Brass	None	5000/reel
AWG 18-22	6134TRC*	2.1 mm max.	Brass	None	6000/reel

*For Tin plated version add. T to the Part No.



Poles	Part No.
1	6134R01
2	6134R02
3	6134R03
4	6134R04
6	6134R06
8	6134R08

CABLING CONNECTORS

6,0 mm series - wire to wire connectors - 6134



SPECIFICATIONS

Voltage Rating: 250V AC, DC

Current Rating: 12A max.

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 100 MΩ min.

Temperature Range: -25°C ~ +85°C

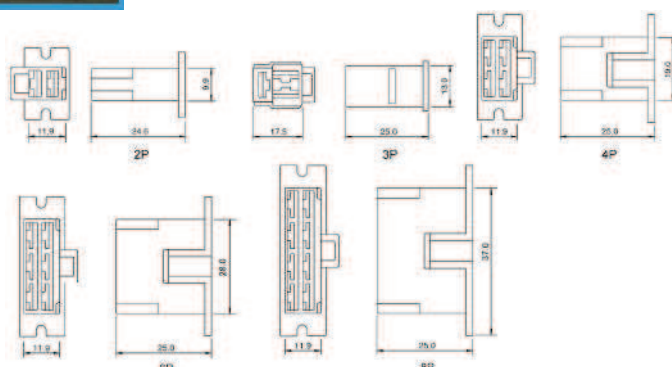
Contact Resistance: 20 mΩ max.

HOUSING

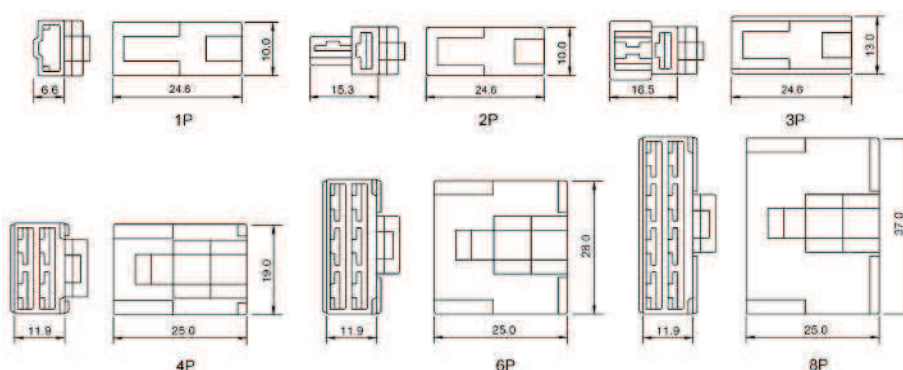
Poles: 1, 2, 3, 4, 6, 8

Material: PA66 UL 94V-2, natural

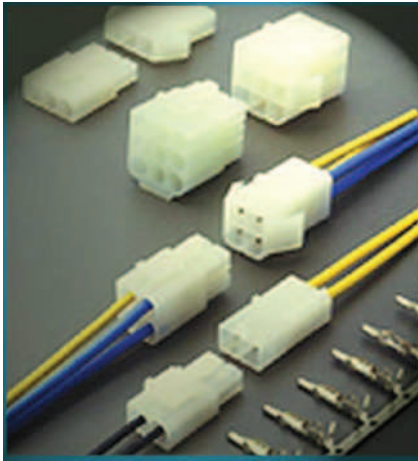
Q.ty: 1000 pcs/bag



Poles	Part No.
2	6134RL02
3	6134RL03
4	6134RL04
6	6134RL06
8	6134RL08



Poles	Part No.
2	6134RS02
3	6134RS03
4	6134RS04
6	6134RS06
8	6134RS08
1	6134RS01

**SPECIFICATIONS**

Voltage Rating: 600V AC,DC max.

Current Rating: 15A max.

Withstanding Voltage: 1500V AC/minute

Insulation Resistance: 1000 M Ω min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 m Ω max.**TERMINAL**

Material Brass

Finish Tin plated

Q.ty (6129TPA - 6129TRA): 3500 pcs/reel

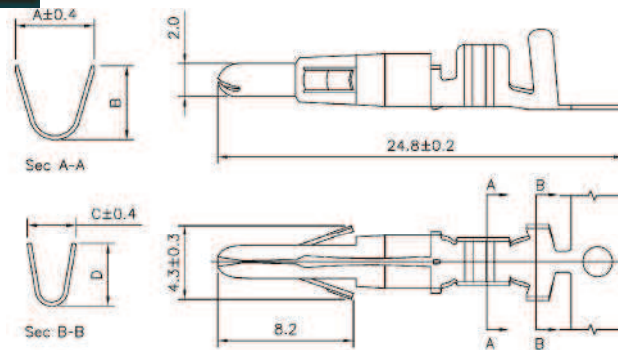
Q.ty (6129TPB - 6129TRB): 5000 pcs/reel

HOUSING

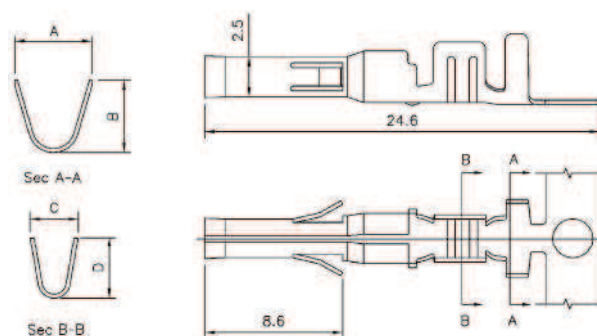
Poles: 1, 2, 3, 4, 6, 9, 12, 15

Material: Nylon 66, UL 94V-2

Q.ty: 1000 pcs/bag



Applicable Wires	Part No	Insulation O.D.	Q.ty
AWG 14 - 18	6129TPA	4.0 mm max.	3500/reel
AWG 18 - 22	6129TPB	1.8 mm max.	5000/reel

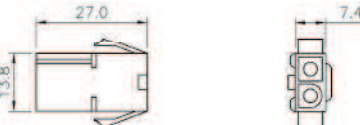
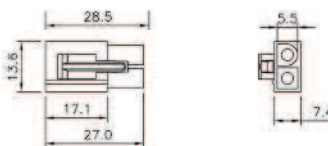
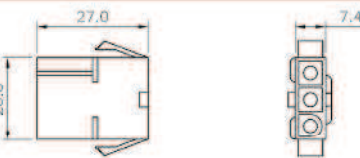
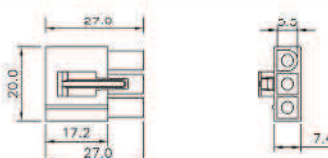
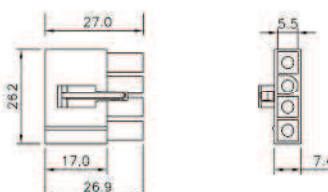
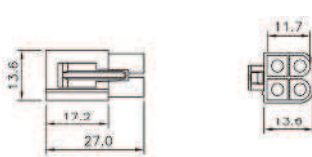
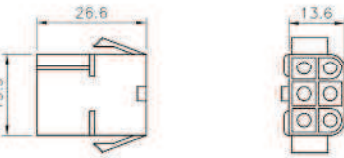
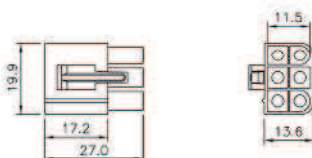
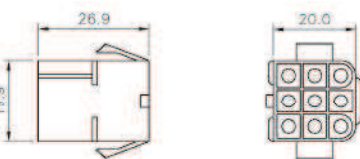


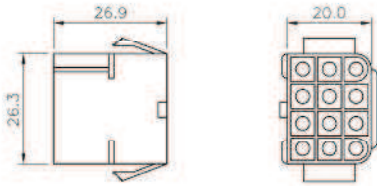
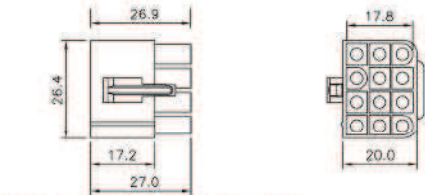
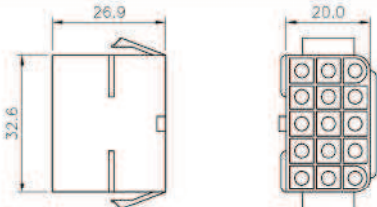
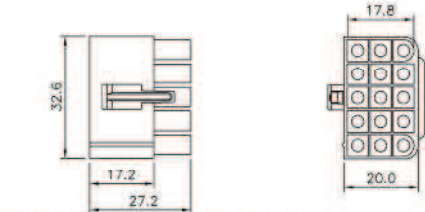
Applicable Wires	Part No	Insulation O.D.	Pack.
AWG 14 - 18	6129TRA	4.0 mm max.	3500/reel
AWG 18 - 22	6129TRB	1.8 mm max.	5000/reel

CABLING CONNECTORS

6,2 mm pitch - wire to wire connectors - 6129

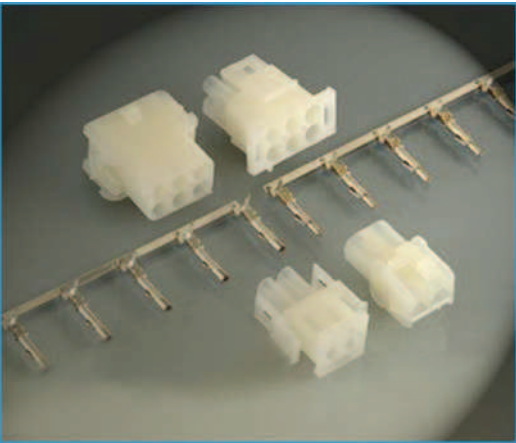


Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
1	15A	600V	 6129P01WO (w/o Mtg. Ears)	 6129R01WO (w/o Mtg. Ears)
2	15A	300V	 6129P02W 6129P02WO (w/o Mtg. Ears)	 6129R02WO (w/o Mtg. Ears)
3	14A	300V	 6129P03W	 6129R03WO (w/o Mtg. Ears)
4	13A	300V	 6129P04W	 6129R04WO (w/o Mtg. Ears)
4	13A	300V	 6129PV04W	 6129RV04WO (w/o Mtg. Ears)
6	12A	300V	 6129P06W	 6129R06WO (w/o Mtg. Ears)
9	10A	300V	 6129P09W	 6129R09WO (w/o Mtg. Ears)

Circuits	Max-Rated		Dimensional Information	
	Amps	Voltage	Plug	Receptacle
12	9A	300V	 6129P12W	 6129R12WO (w/o Mtg. Ears)
15	9A	300V	 6129P15W	 6129R15WO (w/o Mtg. Ears)

CABLING CONNECTORS

6,35 mm pitch - wire to wire connectors - 6144



SPECIFICATIONS

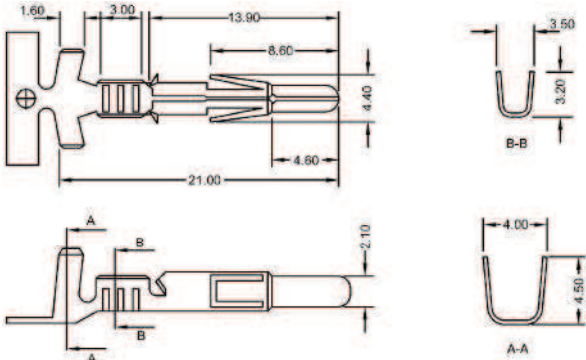
Voltage Rating: 600V AC/DC
Current Rating: 18A max. (AWG 12)
Withstanding Voltage: 5000V AC/minute
Insulation Resistance: 1000 M Ω min.
Temperature Range: -25°C ~ +85°C
Contact Resistance: 20 m Ω max.

HOUSING

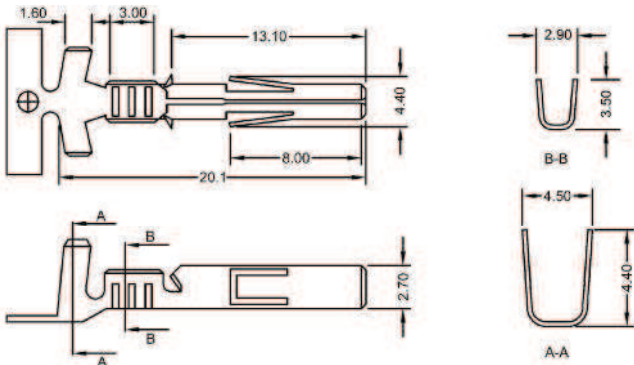
Poles: 2,3,4,6,9,12,15
Material: Nylon 66, UL 94V-2
Q.ty: 1000 pcs/bag

TERMINAL

Applicable wires (6144TPB/TRB): AWG 12~ 14
Applicable wires (6144TPA/TRA): AWG 16~ 20
Material: Brass
Finish: Tin plated
Q.ty (6144TPA/TRA): 3500 pcs/reel
Q.ty (6144TPB/TRB): 2500 pcs/reel



Applicable Wires	Part No.	Isulation O.D.	Q.ty
AWG 16-20	6144TPA	2.54	3500/reel
AWG 12-14	6144TPB	3.30	2500/reel



Appllicable wires	Part No.	Isulation O.D.	Q.ty
AWG 16-20	6144TRA	2.54	3500/reel
AWG 12-14	6144TRB	3.30	2500/reel

Circuits	Dimensional Information	
	Plug	Receptacle
2	6144P02W 	6144R02W
3	6144P03W 	6144R03W
4	6144P04W 	6144R04W
6	6144P06W 	6144R06W
9	6144P09W 	6144R09W

CABLING CONNECTORS

6,35 mm pitch - wire to wire connectors - 6144



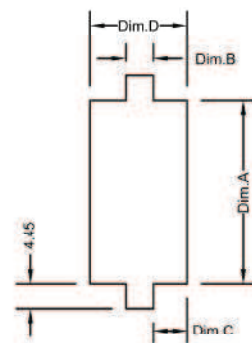
Circuits	Dimensional Information	
	Plug	Receptacle
12	6144P12W	6144R12W
15	6144P15W	

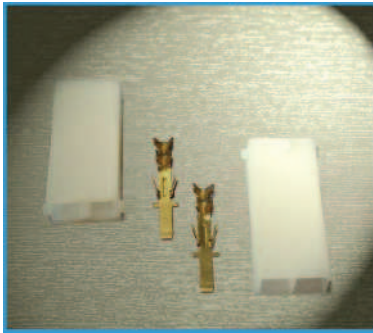
Panel Dimensional Information : mm

N° of circuits	Dim. A $\pm$.005	Dim. B $\pm$.010	Dim. C $\pm$.010	Dim. D $\pm$.005
2	14,35	8,64	2,41	13,46
3	20,70	8,64	2,41	13,46
4	27,05	8,64	2,41	13,46
6	14,35	12,19	6,99	26,16
9	20,70	12,19	6,99	26,16
12	27,05	12,19	6,99	26,16
15	33,40	12,19	6,99	26,16

Recommended panel thickness: 0.762-2.286 mm

Panel must be punched so that housing enters panel in same direction as the punch



**SPECIFICATIONS**

Voltage Rating: 1000 V AC,DC

Current Rating: 18A AC, DC

Withstanding Voltage: 6000 V AC/minute

Insulation Resistance: 1000 MΩ min.

Temperature Range: -25°C ~ +85°C

Contact Resistance: 20 mΩ max.

TERMINAL

Applicable wires: AWG 14 ~ 18

Material: Brass

Finish: None

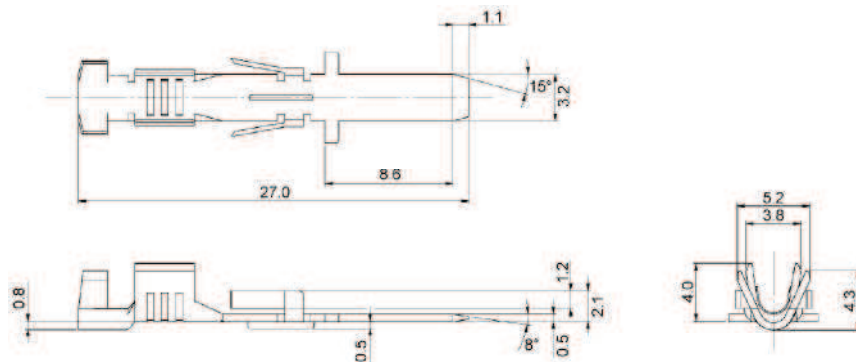
Q.ty: 3000 pcs/reel

HOUSING

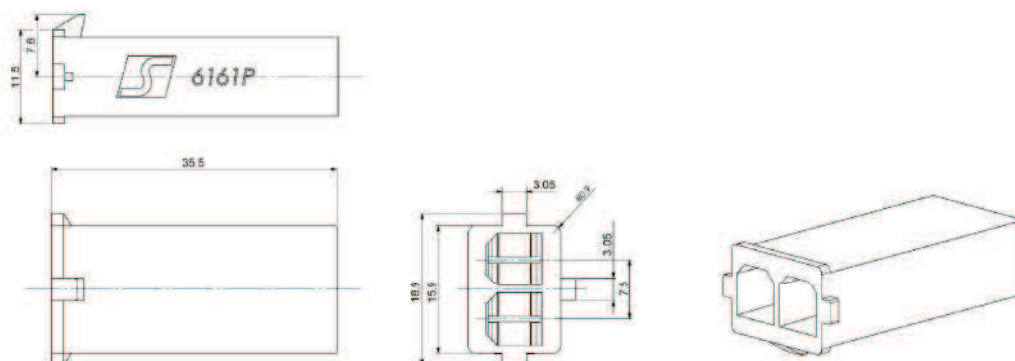
Poles: 2

Material: Nylon 66 UL 94V-2

Q.ty: 1000 pcs/bag



Appl. Wires	Part No.	Material	Finish	Q.ty
AWG 14-18	6161 TP	Brass	None	3,000/reel



Poles	Part No.
02	6161 P02

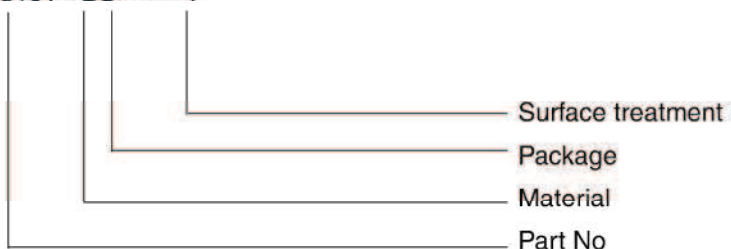
CABLING CONNECTORS

Crimping open barrel terminals - Terminal Faston

L

HOW TO ORDER:

SE5101-- BS-----1



SURFACE TREATMENT	
0	None
1	Chemical grinding
2	Tin plating
3	Nickel plating
4	Silver plating
5	Gold Plating
S	Pre - tin
N	Pre - Nickel

MATERIAL CLASSIFICATION	
B	Brass
P	Phos. Bronze
C	Copper
K	Copper alloy
F	Fe
S	Stainless or Steel

PACKAGE CLASSIFICATION	
C	Coil
L	Loose

table for AWG conversion

AWG	Area	Diameter
	mm ²	mm
32	0.0341	0.237
30	0.0568	0.306
28	0.0889	0.381
26	0.141	0.480
24	0.227	0.609
22	0.355	0.762
20	0.563	0.960
18	0.963	1.270
16	1.23	1.410
14	1.94	1.800
12	3.09	2.270
10	4.75	2.830



SPECIFICATIONS

See pag. "SExx":

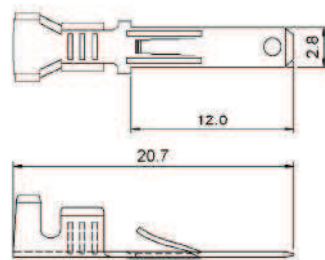


Fig.A

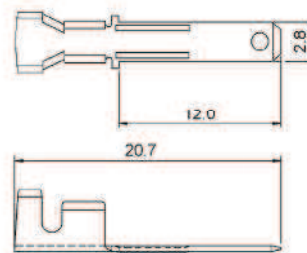


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE5101BS0	SE5101BS2	0.80-1.30	18-16	0.50	10.000
A	SE5102BS0	SE5102BS2	0.20-0.50	24-20	0.50	10.000
B	SE5103BS0	SE5103BS2	0.80-1.30	18-16	0.50	10.000

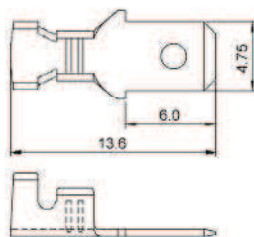


Fig.A

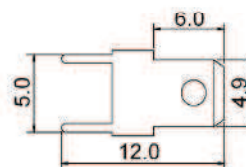


Fig.B

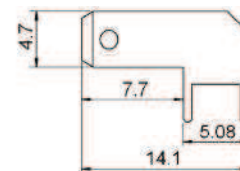


Fig.C

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE5201BS0	SE5201BS2	0.80-2.00	18-14	0.50	8.000
A	SE5202BS0	SE5202BS2	0.30-0.80	22-18	0.50	10.000
B	---	SE5203BL2	---	---	0.50	5.000
C	---	SE5204BL2	---	---	0.50	5.000

CABLING CONNECTORS

Crimping open barrel terminals - .250 Tab male terminals

L



SPECIFICATIONS

See pag. "SExx":

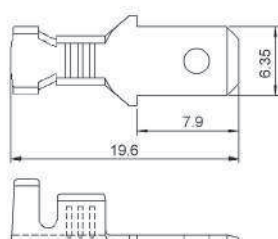


Fig.G

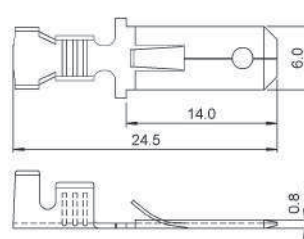


Fig.H

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
G	SE5402BS0	SE5402BS2	0.50-1.30	20-16	0.80	5.000
H	SE5501BS0	SE5501BS2	2.00-3.50	14-12	0.40	4.000
H	SE5502BS0	SE5502BS2	0.50-2.00	20-14	0.40	5.000
H	SE5503BS0	SE5503BS2	0.30-0.80	22-18	0.40	5.000

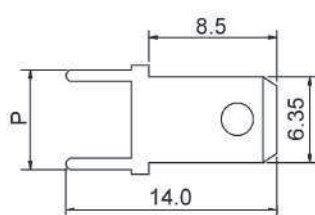


Fig.A

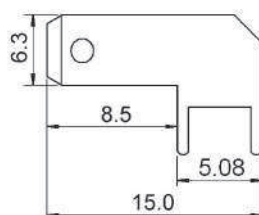


Fig.B

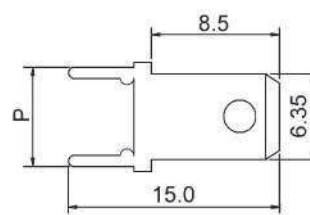


Fig.C

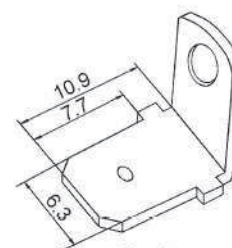


Fig.D

Fig.	PIN.Unpl.	PIN.Tin	Thick.	Q.ty / reel	Pitch
A	SE5550BL0	SE5550BL2	0.80	5.000	4.80
A	SE5551BL0	SE5551BL2	0.80	5.000	5.00
B	SE5556BL0	SE5556BL2	0.80	5.000	5.08
C	SE5552BL0	SE5552BL2	0.80	5.000	4.80
C	SE5553BL0	SE5553BL2	0.80	5.000	5.08
D	SE5560BL0	SE5560BL2	0.80	5.000	--



SPECIFICATIONS

See pag. "SExx":

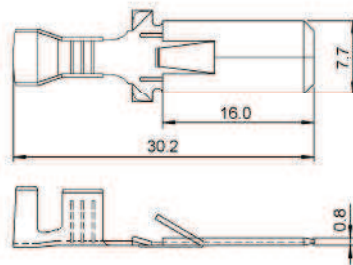


Fig.F

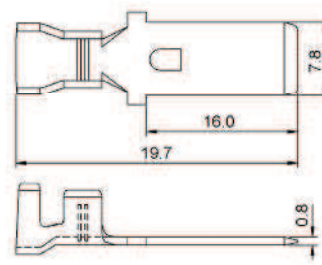


Fig.E

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
F	SE5701BS0	SE5701BS2	330-550	12-10	0.40	2.000
F	SE5702BS0	SE5702BS2	080-200	18-14	0.40	2.500
E	SE5711BS0	SE5711BS2	200-350	14-12	0.80	2.500
E	SE5712BS0	SE5712BS2	350-550	12-10	0.80	1.500

CABLING CONNECTORS

Crimping open barrel terminals - .110 / .187 Tab female terminals



SPECIFICATIONS

See pag. "SExx":

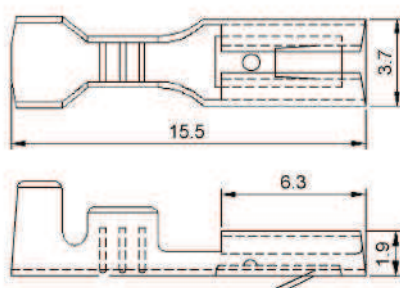


Fig.C

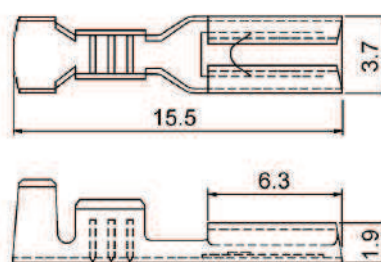


Fig.A

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
C	SE4101BS0	SE4101BSS	0.50-1.30	20-16	0.30	10.000
C	SE4102BS0	SE4102BSS	0.30-0.80	22-18	0.30	10.000
A	SE4001BS0	SE4001BSS	0.50-1.30	20-16	0.30	12.000
A	SE4002BS0	SE4002BSS	0.30-0.80	22-20	0.30	15.000

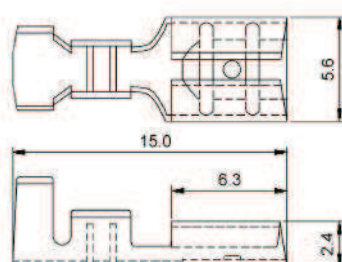


Fig.A

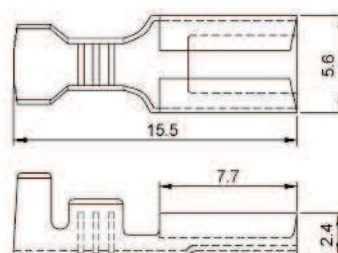
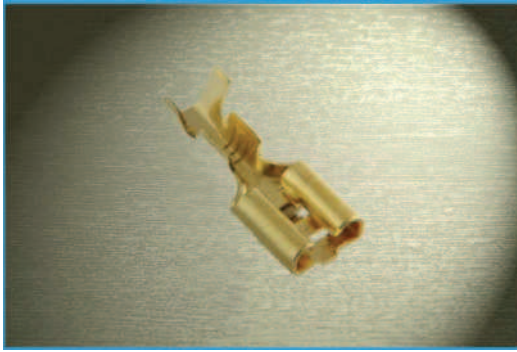


Fig.C

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE4201BS0	SE4201BS2	0.50-2.00	20-14	0.30	8.000
A	SE4202BS0	SE4202BS2	0.30-0.80	22-18	0.30	10.000
A	SE4206BS0	SE4206BS2	0.50-1.25	20-16	0.30	10.000
A	SE4212BS0	SE4212BS2	0.30-0.80	22-18	0.30	10.000
C	SE4251BS0	SE4251BS2	0.50-1.25	20-16	0.30	10.000



SPECIFICATIONS

See pag. "SExx":

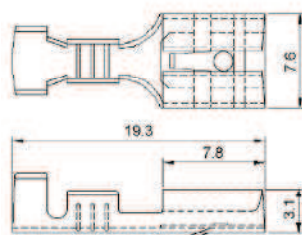


Fig.A

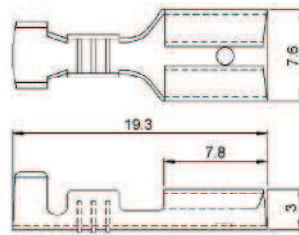


Fig.B

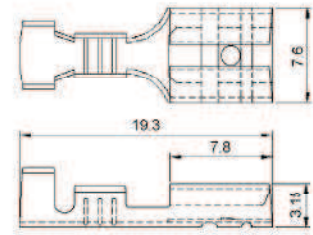


Fig.C

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE4401BS0-6	SE4401BS2-6	0.50-2.00	20-14	0.40	5.000
A	SE4401BS0-2	SE4401BS2-2	0.30-0.80	22-18	0.40	5.000
B	SE4404BS0	SE4404BS2	0.50-2.00	20-14	0.40	5.000
C	SE4405BS0	SE4405BS2	0.50-2.00	20-14	0.40	5.000
C	SE4406BS0	SE4406BS2	2.00-3.50	14-12	0.40	4.000

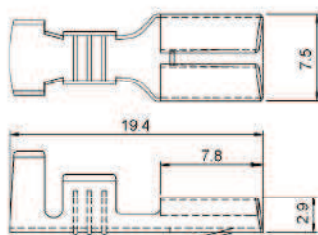


Fig.A

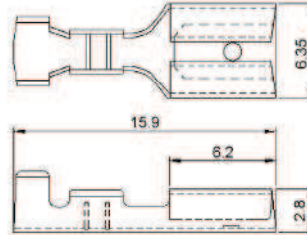


Fig.B

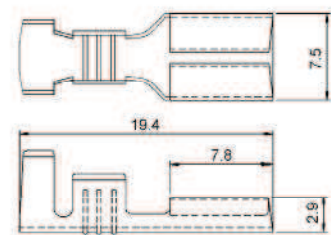


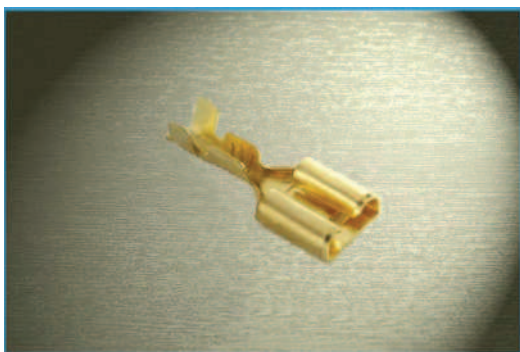
Fig.C

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE4501BS0	SE4501BS2	2.00-3.50	14-12	0.30	4.000
A	SE4502BS0	SE4502BS2	0.50-2.00	20-14	0.30	5.000
A	SE4503BS0	SE4503BS2	0.22-0.50	24-20	0.30	6.000
B	SE4510BS0	SE4510BS2	0.50-2.00	20-14	0.30	5.000
B	SE4511BS0	SE4511BS2	0.22-0.50	24-20	0.30	6.000
B	SE4512BS0	SE4512BS2	2.00-3.50	14-12	0.30	4.000
C	SE4505BS0	SE4505BS2	2.00-3.50	14-12	0.30	4.000
C	SE4506BS0	SE4506BS2	0.80-2.00	18-14	0.30	5.000
C	SE4507BS0	SE4507BS2	0.30-0.80	22-18	0.30	5.000

CABLING CONNECTORS

Crimping open barrel terminals - .205 - .312 Tab female terminals

L



SPECIFICATIONS

See pag. "SExx":

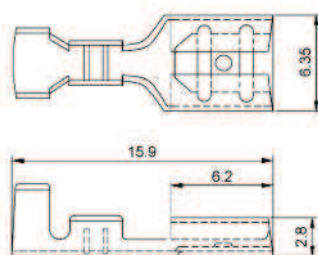


Fig.A

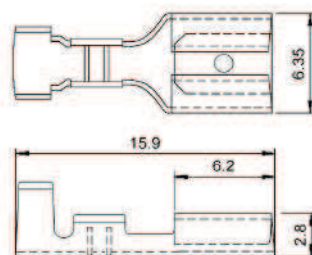


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE4301BS0	SE4301BS2	200-350	14-12	0.35	8.000
A	SE4302BS0	SE4302BS2	050-130	20-16	0.35	10.00
A	SE4303BS0	SE4303BS2	022-050	24-20	0.35	8.000
B	SE4312BS0	SE4312BS2	022-050	24-20	0.35	10.00

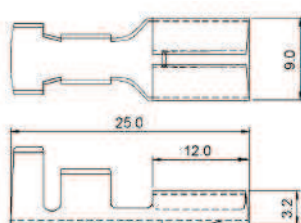


Fig.A

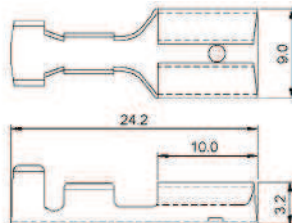


Fig.B

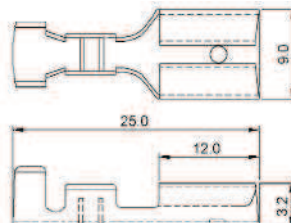


Fig.C

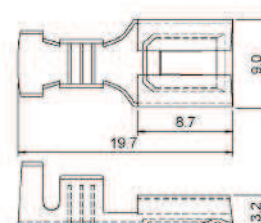
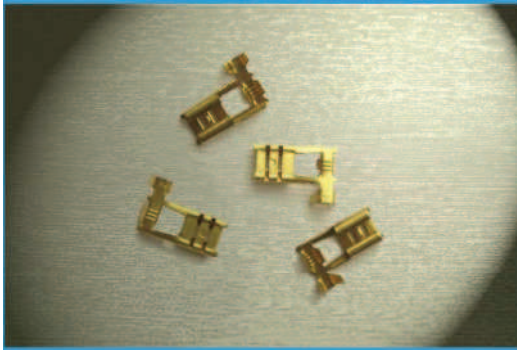


Fig.D

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE4700BS0	SE4700BS2	350-550	12-10	0.40	3.000
A	SE4701BS0	SE4701BS2	050-200	20-14	0.40	3.000
B	SE4750BS0	SE4750BS2	350-550	12-10	0.40	2.500
C	SE4705BS0	SE4705BS2	200-350	14-12	0.40	2.500
C	SE4706BS0	SE4706BS2	050-200	20-14	0.40	3.000
D	SE4711BS0	SE4711BS2	200-350	14-12	0.40	3.000
D	SE4712BS0	SE4712BS2	050-200	20-14	0.40	5.000



SPECIFICATIONS

See pag. "SExx":

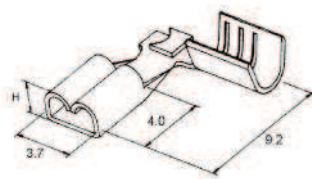


Fig.A

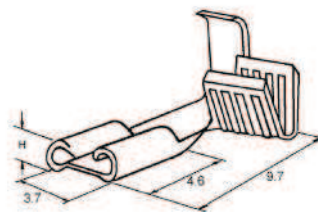


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm2	AWG	Thick.	Q.ty / reel
A	SE0001BS0	SE0001BS2	0.30-0.80	22-18	0.30	15.000
A	SE0002BS0	SE0002BS3	0.30-0.80	22-18	0.30	15.000
B	SE0005BS0	SE0005BS5	0.30-0.80	22-18	0.30	8.000
B	SE0006BS0	SE0006BS5	0.30-0.80	22-18	0.30	8.000

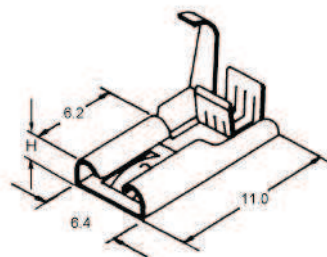


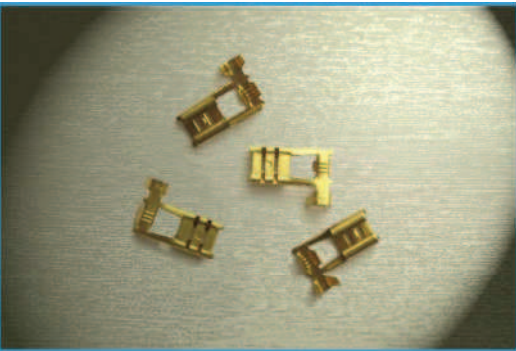
Fig.A

Fig.	PIN.Unpl.	PIN.Tin	mm2	AWG	Thick.	Q.ty / reel
A	SE0201BS0	SE0201BS5	0.30-1.30	22-16	0.35	3.000
A	SE0202BS0	SE0202BS5	0.30-1.30	22-16	0.35	3.000

CABLING CONNECTORS

Crimping open barrel terminals - .205 - .250 Tab Flag female terminals

L



SPECIFICATIONS

See pag. "SExx":

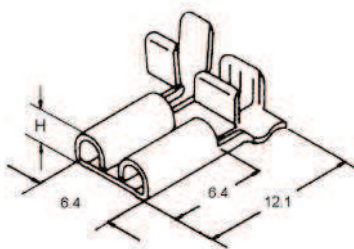


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm2	AWG	Thick.	Q.ty / reel
B	SE0301BS0	SE0301BS2	0.30-1.30	22-16	0.40	5.000
B	SE0302BS0	SE0302BS2	2.00-3.50	14-12	0.40	5.000
B	SE0305BS0	SE0305BS2	0.30-1.30	22-16	0.40	5.000
B	SE0306BS0	SE0306BS2	0.30-1.30	22-16	0.40	5.000

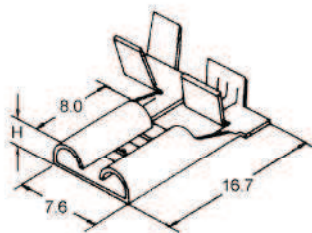


Fig.A

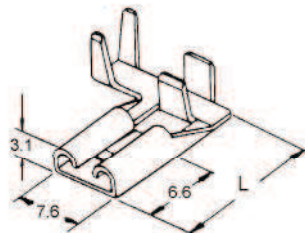
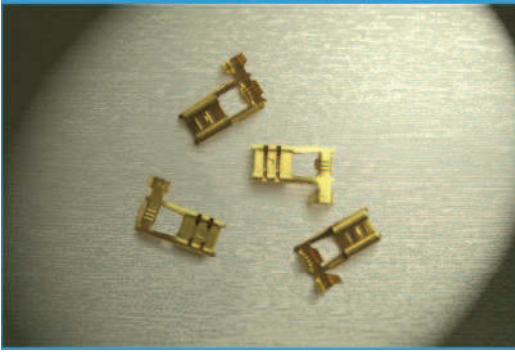


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm2	AWG	Thick.	Q.ty / reel
A	SE0401BS0	SE0401BS2	1.30-2.00	16-14	0.40	2.500
A	SE0402BS0	SE0402BS2	1.30-2.00	16-14	0.40	2.500
A	SE0403BS0	SE0403BS2	2.00-3.50	16-12	0.40	4.000
B	SE0405BS0	SE0405BS2	0.80-2.00	18-14	0.40	4.000
B	SE0406BS0	SE0406BS2	2.00-3.50	14-12	0.40	4.000

**SPECIFICATIONS**

See pag. "SExx":

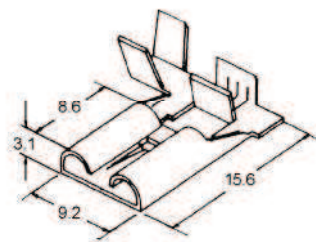


Fig.F

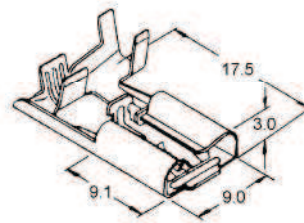


Fig.G

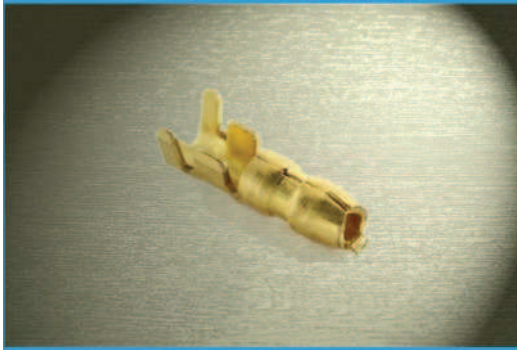
Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
F	SE0701BS0	SE0701BS2	1.30-2.50	16-14	0.40	2.500
G	SE0701BS0	SE0701BS2	0.80-1.30	18-16	0.40	2.500

Crimping open barrel terminals - Dia. 4 mm Shur Plug Terminal



See pag. "SExx":





SPECIFICATIONS

See pag. "SExx":

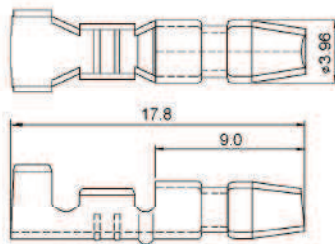


Fig.D

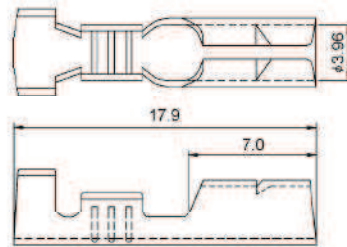


Fig.E

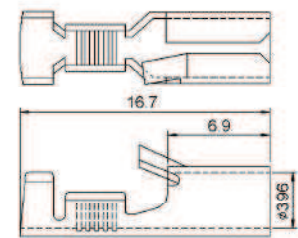


Fig.F

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
D	SE6302BS0	SE6302BS2	0.50-2.00	20-14	0.50	8.000
E	SE6202BS0	SE6202BS2	0.50-2.00	20-14	0.40	8.000
F	SE6212BS0	SE6212BS2	0.50-2.00	20-14	0.40	8.000

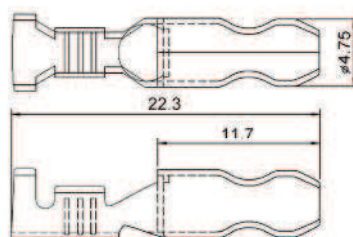


Fig.A

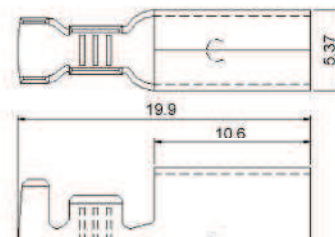


Fig.B

Fig.	PIN.Unpl.	PIN.Tin	mm ²	AWG	Thick.	Q.ty / reel
A	SE6502BS0	SE6502BS2	0.50-1.30	20-16	0.40	6.000
B	SE6402BS0	SE6402BS2	0.50-1.30	20-16	0.40	6.000

CABLING CONNECTORS

PVC sleeve - PVC sleeve for female terminals

L



SPECIFICATIONS

Insulator: P.V.C

Rated Temperature: std 90°C (105°C available)

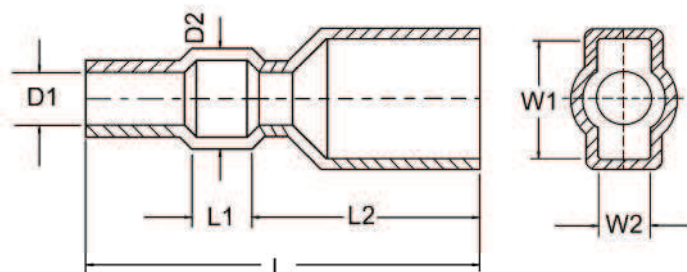
Rated Voltage: 600 V AC

Flammability: VW-1

FEATURES

Suitable for open barrel receptacle terminal

Packaging bag



Part No	D1 (mm)	D2 (mm)	W1 (mm)	W2 (mm)	L1 (mm)	L2 (mm)	L (mm)
.110 TAB							
SLV-4001	2.00	3.00	4.00	2.10	240	14.60	22.00
SLV-4002	2.50	3.30	4.00	2.10	240	14.60	22.00
SLV-4003	3.00	3.70	4.00	2.10	250	14.50	22.00
SLV-4005	3.50	4.00	4.00	2.10	250	14.50	22.00
.187 TAB							
SLV-4201	3.00	3.80	5.80	2.60	280	14.00	22.00
SLV-4202	2.00	2.80	5.80	2.60	280	14.00	22.00
SLV-4203	2.50	3.50	5.80	2.60	280	14.00	22.00
SLV-4204	3.40	4.30	5.80	2.60	280	14.00	22.00
.205 TAB							
SLV-4301	2.50	3.50	6.50	3.00	300	14.00	24.00
SLV-4302	3.00	4.10	6.50	3.10	300	14.00	24.00
SLV-4303	3.50	4.40	6.50	3.00	300	14.00	24.00
SLV-4304	4.00	5.00	6.50	3.00	300	14.00	24.00
.250 TAB							
SLV-4401	2.50	3.70	7.80	3.60	300	17.00	26.00
SLV-4402	2.80	4.00	7.80	3.60	300	17.00	26.00
SLV-4403	3.00	4.10	7.80	3.60	320	17.00	26.00
SLV-4404	3.50	4.50	7.80	3.60	320	17.00	27.00
SLV-4405	3.80	5.00	7.90	3.60	300	17.00	26.00
SLV-4406	4.10	5.10	8.00	3.60	320	17.00	27.00
SLV-4407	4.50	5.60	8.00	3.60	300	17.00	27.00
SLV-4408	5.00	6.10	7.80	3.60	320	17.00	27.00
SLV-4409	3.80	4.80	9.00	3.60	300	23.50	35.30



SPECIFICATIONS

Insulator: P.V.C

Rated Temperature: std 90°C (105°C available)

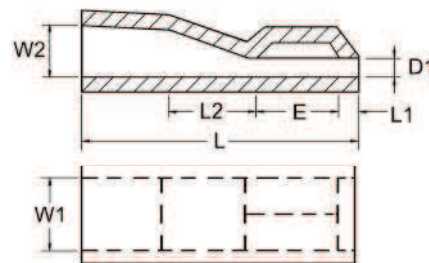
Rated Voltage: 600 V AC

Flammability: VW-1

FEATURES

Suitable for open barrel receptacle terminal

Packaging bag

[illegible]

CABLING CONNECTORS

PVC sleeve - PVC sleeves for dia. 5 mm shur plug terminal

L



SPECIFICATIONS

Insulator: P.V.C

Rated Temperature: std 90°C (105°C available)

Rated Voltage: 600 V AC

Flammability: VW-1

FEATURES

Accept open receptocle terminal

Packaging bag

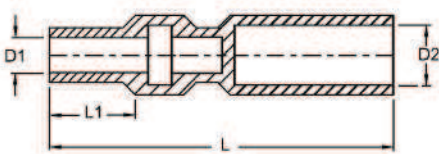


FIG. A

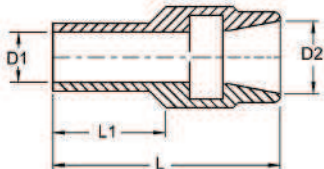


FIG. B

Fig.	Part No.	D1 (mm)	D2 (mm)	L1 (mm)	L (mm)
A	SLV-6004	2.50	5.00	7.00	33.00
A	SLV-6201	2.80	5.00	7.00	33.00
A	SLV-6204	3.10	5.00	7.00	33.00
A	SLV-6202	3.50	5.20	7.00	33.00
A	SLV-6203	4.00	5.00	6.00	34.00
B	SLV-6301	2.50	3.80	7.00	14.00
B	SLV-6302	2.70	3.70	5.70	13.00
B	SLV-6303	3.00	4.10	7.70	15.00
B	SLV-6304	3.50	4.40	8.50	16.00
B	SLV-6305	4.00	4.70	7.00	14.50

**SPECIFICATIONS**

Insulator: P.V.C

Rated Temperature: std 90°C (105°C available)

Rated Voltage: 600 V AC

Flammability: VW-1

FEATURES

Suitable for open barrel receptacle terminal

Packaging bag

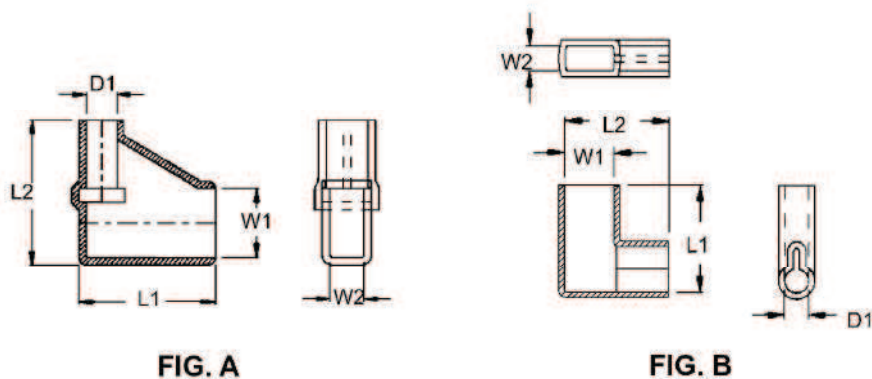
**FIG. A****FIG. B**

Fig.	Part No.	D1 (mm)	W1 (mm)	W2 (mm)	L1 (mm)	L2 (mm)
.110 TAB						
B	SLV-0110	2.80	4.00	28.00	14.00	13.00
.187 TAB						
A	SLV-1874	3.00	6.20	3.00	13.00	12.00
A	SLV-0901	3.00	6.40	3.00	13.00	12.00
.205 TAB						
A	SLV-0301	4.00	8.00	3.50	15.00	14.00
A	SLV-0302	3.30	7.00	3.00	14.00	13.00
.250 TAB						
A	SLV-0201	4.50	8.80	3.50	15.00	13.00
A	SLV-5050	3.20	8.40	3.20	17.50	16.40
A	SLV-5065	4.00	9.50	4.00	18.00	18.00
A	SLV-5060	5.00	9.20	4.40	18.00	18.00
B	SLV-0801	4.00	8.20	4.00	16.00	13.00
B	SLV-0802	4.00	9.00	4.00	18.00	16.00



MODULAR CRIMPING TOOL

For crimping telephone modular plug from 4p to 10p
3ways: cuts-strips-crimps,
Steel frame with black oxide finishing
Light weight and durable construction

HT-2094 (4p)
HT-2096 (6p)
HT-210C (8p)
HT-2092 (10p)



IDC CRIMPING TOOL

For crimping IDC-type connectors on ribbon cable.
Crimping from height 6,0 to 47,5 mm max.
Special attachment for crimping DIP-plug connectors
available (not included)
L 241 mm

HT-214
HT-214D (DIP-PLUG Adapter)



D-SUB CRIMPER

For crimping D-Sub contacts AWG 20-24-28
Economic type, the cable must be stripped before crimping operation.
L 175 mm

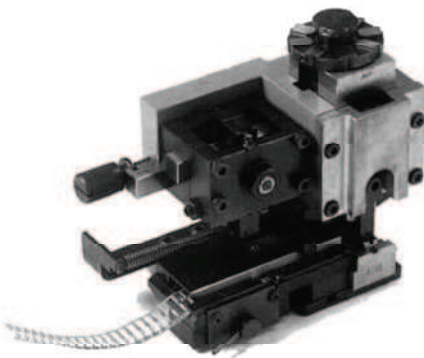
HT-213



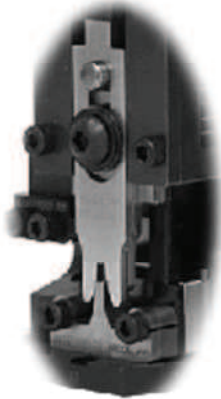
TERMINALS & LUGS

For crimping open barrel terminals AWG 24-14 and
D-Sub contacts AWG 30-18.
Light weight & durable construction
Ratchet mechanism
L 205 mm

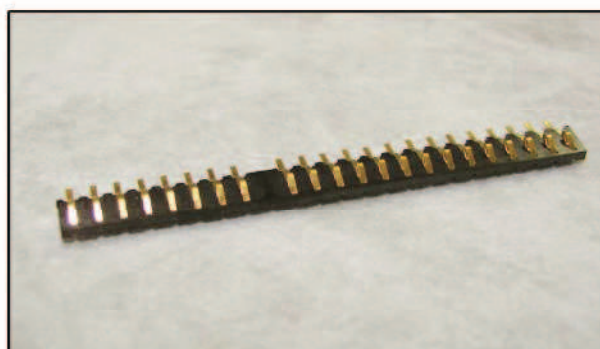
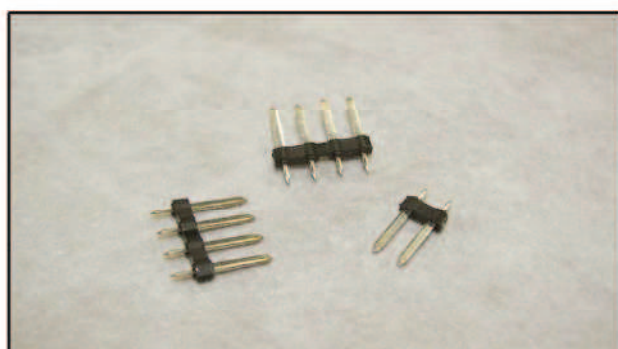
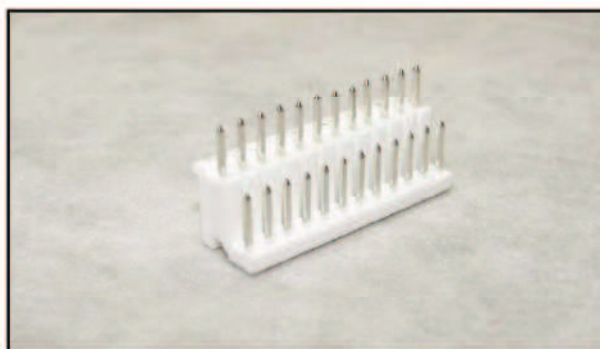
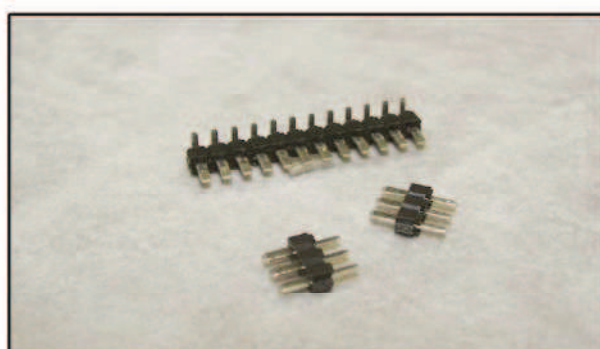
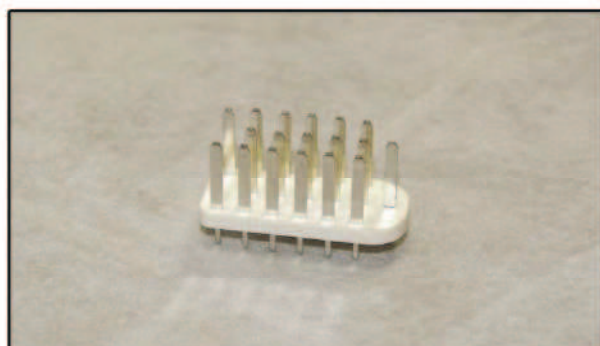
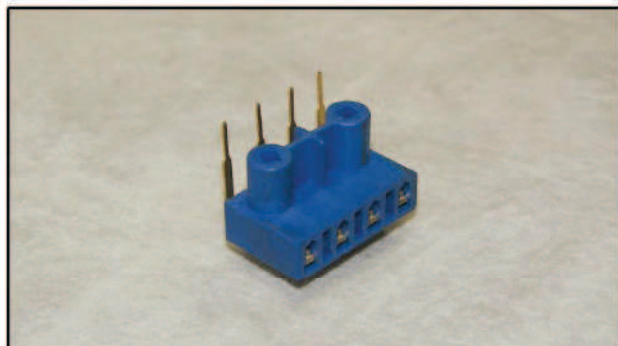
HT 11010 (Open barrel term. AWG 24-14)
HT 11011 (D-Sub cont. AWG 30-18)

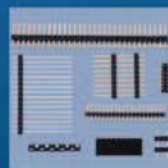
**MINI APPLICATOR**

For crimping discrete wires to any kind of contacts or terminations both END-FEED and as right or left SIDE-FEED. These applicator are used with both bench press or fully automatic machines, and can be fitted to any required terminals process.

**CRIMPING DIE SET**

Crimper & anvil for replacement of miniapplicator die set.





SELECOM srl

Via J.F. Kennedy, 47 - 20090 Rodano Millepini (MI) - Italy

Tel +39.02.95328047 - 02.95328076 Fax +39.02.95328117

www.selecom.it

info@selecom.it