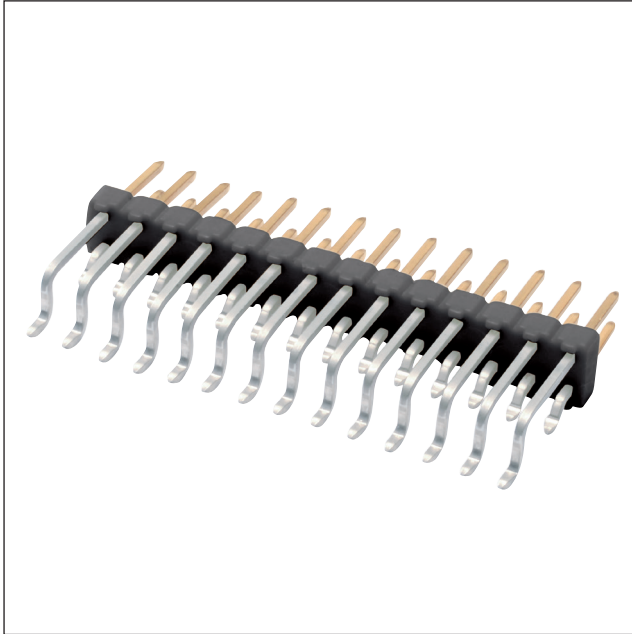


3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Right Angle, Surface Mount

961 Series



- High temperature dielectric
- “No lead” reflow solder compatible
- End stackable feature
- Single- and dual row version
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the RoHS compliance section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: November 26, 2012

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Sheet 1 of 2

Physical

Insulation

Material: High Temperature Thermoplastic
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: 1.25–2.5 μm [50–100 μin] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [40–118 μin] Matte Tin

Electrical

Current Rating: 2 A

Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 V_{DC}

Withstanding Voltage: 1000 V_{DC}

Environmental

Temperature Range: -25 °C to +105 °C

Processing Temperature: max. 260 °C (Profile per J-STD-020C)

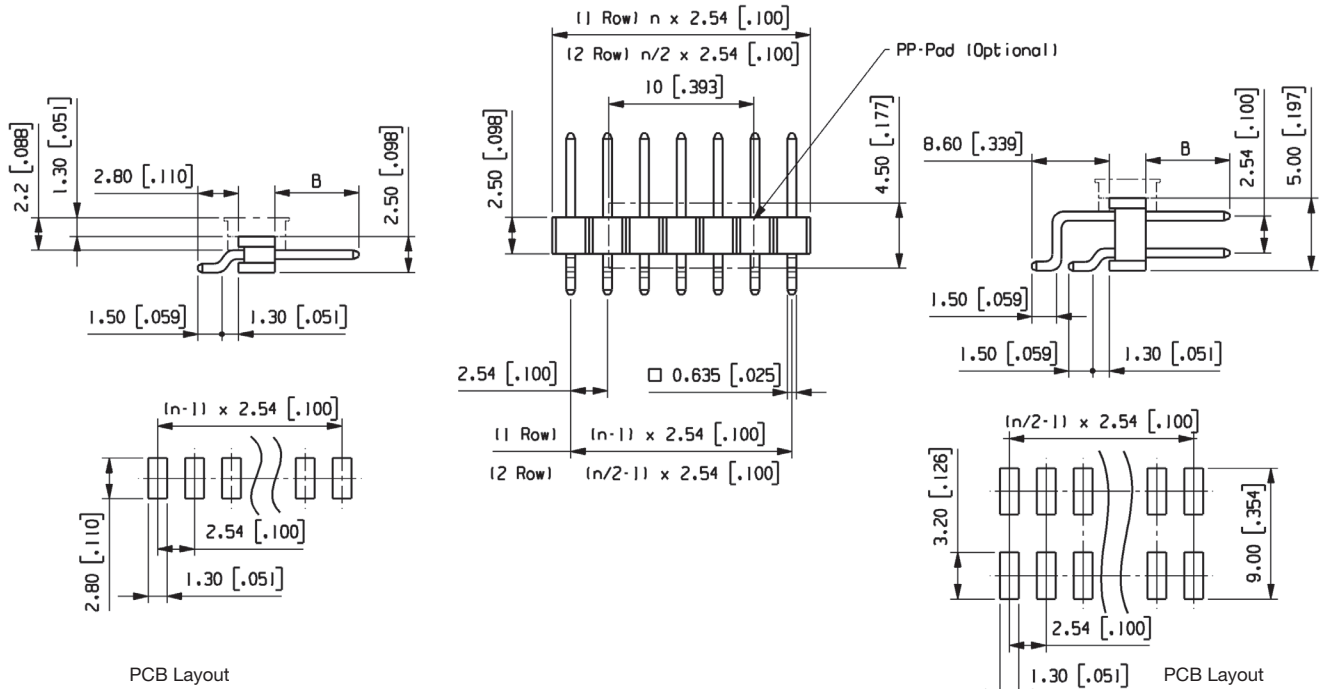
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Right Angle, Surface Mount

961 Series



PCB Layout

n = No. of Contacts

Tape & Reel Option								
9611xx-5500 (1 Row)	Contact Quantity	5	6-7	8-12	13-16	17-22	23-28	29-30
9611xx-5900 (1 Row)		5-6	7-8	9-13	14-17	18-22	23-28	29-30
9612xx-5500 (2 Row)		10	12-16	18-24	26-34	36-44	46-58	60
9612xx-5900 (2 Row)			10-14	16-22	24-32	34-42	44-54	56-60
Tape Width [mm]		24	32	44	56	72	88	104



Tolerance Unless Noted [mm]				
Nominal Size	0.5-3	3-6	6-30	30-120
Linear Dim	+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3
Radii	+/- 0.2	+/- 0.5	+/- 1	+/- 1

Ordering Information

961XXX — 5X00 — AR — XX (RIA E1 & C1 Apply)

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
03-30 Pins / 1 Row
04-60 Pins / 2 Row

Mating Pin Length:
Dim 'B'
5 = 5.8 mm [.23]
9 = 7.1 mm [.28]

Packaging:
TP = Tube without Pad
PT = Tube with Pad
PR = Tape & Reel with Pad
Note: Pad options
1 Row - 5 to 30 pos.
2 Row - 10 to 60 pos.

TS-2184-C
Sheet 2 of 2

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