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Stocking Distributor

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[3M](#)

[961105-6300-AR-PR](#)

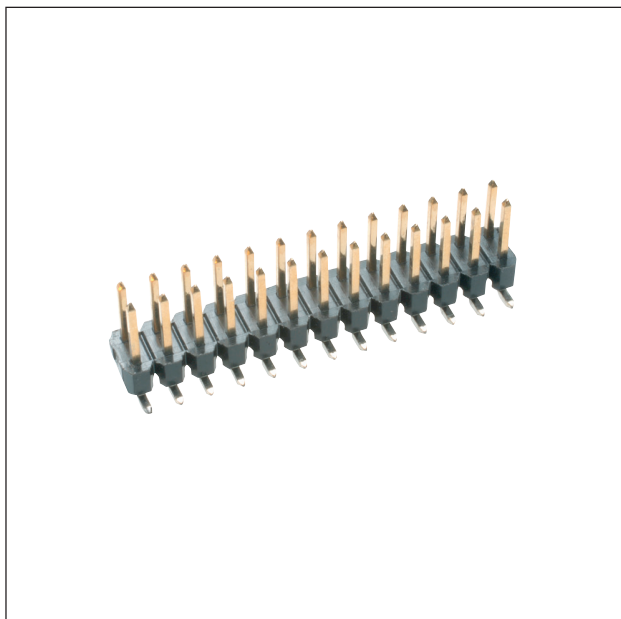
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# 3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Straight, 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](http://www.3Mconnectors.com) for compliance information (RIA E1 & C1 apply)

Date Modified: November 26, 2012

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## Physical

### Insulation

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

### Contact

Material: Copper Alloy

### Plating

Underplating: 1.25–2.5  $\mu\text{m}$  [50–100  $\mu\text{m}$ ] Nickel  
Wiping Area: Flash Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [40–118  $\mu\text{m}$ ] Matte Tin

## Electrical

**Current Rating:** 2 A

**Insulation Resistance:**  $> 5 \times 10^8$  Ohm at 100 V<sub>DC</sub>

**Withstanding Voltage:** 1000 V<sub>DC</sub>

## Environmental

**Temperature Range:** -25 °C to +105 °C

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

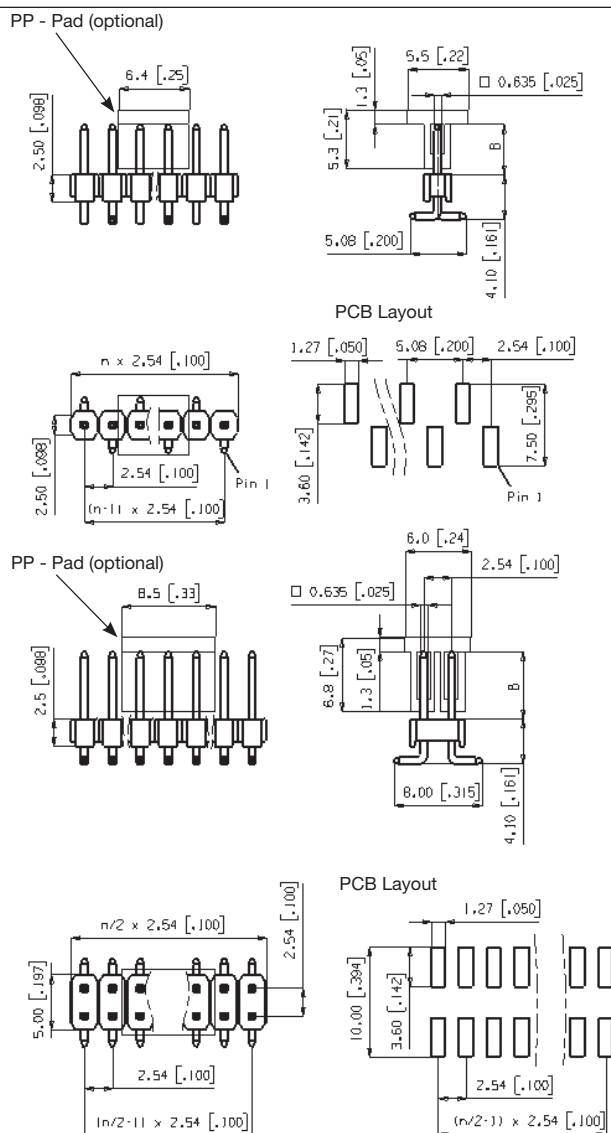
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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## 961 Series



Tape & Reel Option								
9611xx-6300 (1 Row)	Contact Quantity	5	6-8	9-12	13-17	18-22	23-28	29-30
9611xx-6700 (1 Row)		5	6-7	8-12	13-16	17-21	22-28	29-30
9612xx-6300 (2 Row)		10	12-14	16-24	26-32	34-42	44-56	58-60
9612xx-6700 (2 Row)			10-14	16-22	24-32	34-42	44-54	56-60
Tape Width [mm]		24	32	44	56	72	88	104

n = No. of Contacts

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 — 6X00 — 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'

3 = 5.3 mm [.21]

7 = 6.6 mm [.26]

Packaging:

TP = Tube without Pad

PT = Tube with Pad

PR = Tape & Reel with Pad

Note: Pad options

Note. Paid options  
1 Row – 5 to 30 pos.

2 Row – 10 to 60 pos.

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