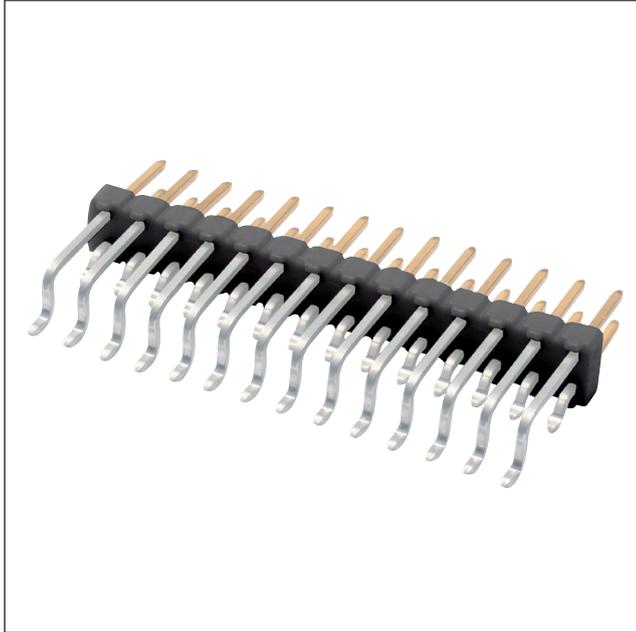


# 3M™ Pin Strip Header

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
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of [www.3M.com/interconnects](http://www.3M.com/interconnects) for compliance information

Date Modified: April 24, 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  $\mu\text{in}$ ] Nickel  
Wiping Area: 0.25  $\mu\text{m}$  [10  $\mu\text{in}$ ] Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [40–118  $\mu\text{in}$ ] Matte Tin

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## 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>

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## Environmental

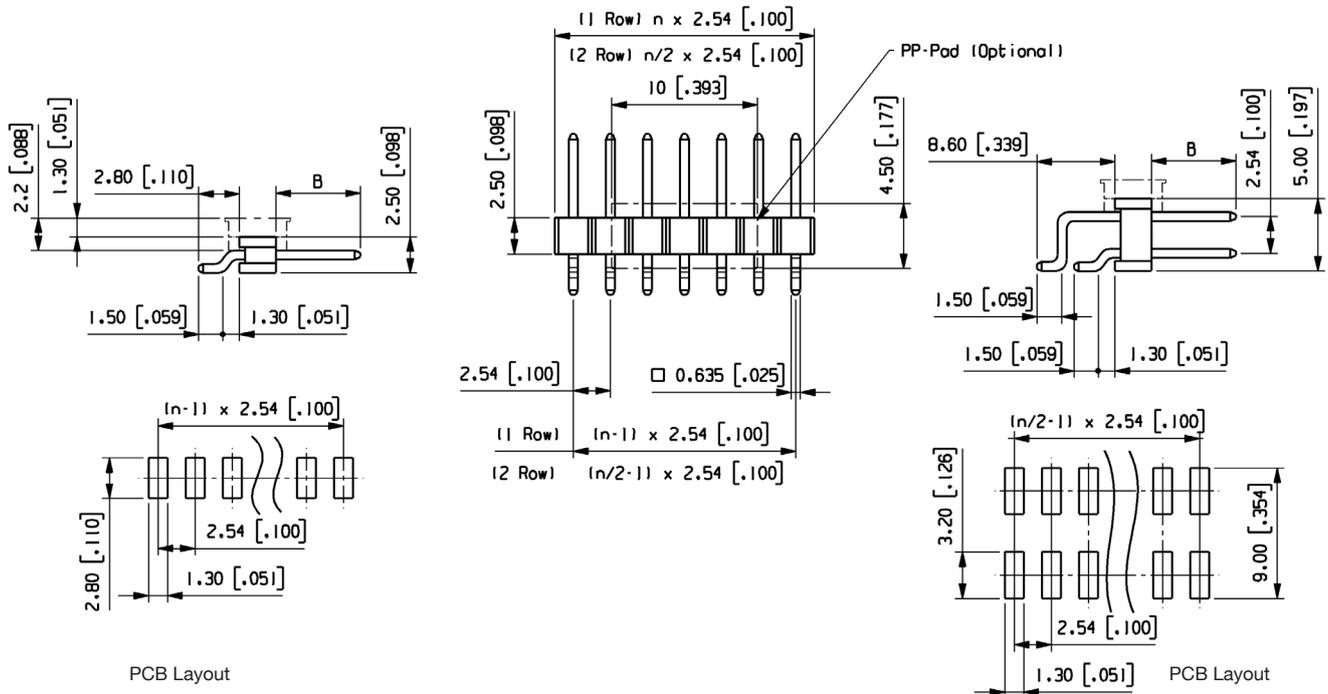
**Temperature Range:** -25 °C to +105 °C  
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)  
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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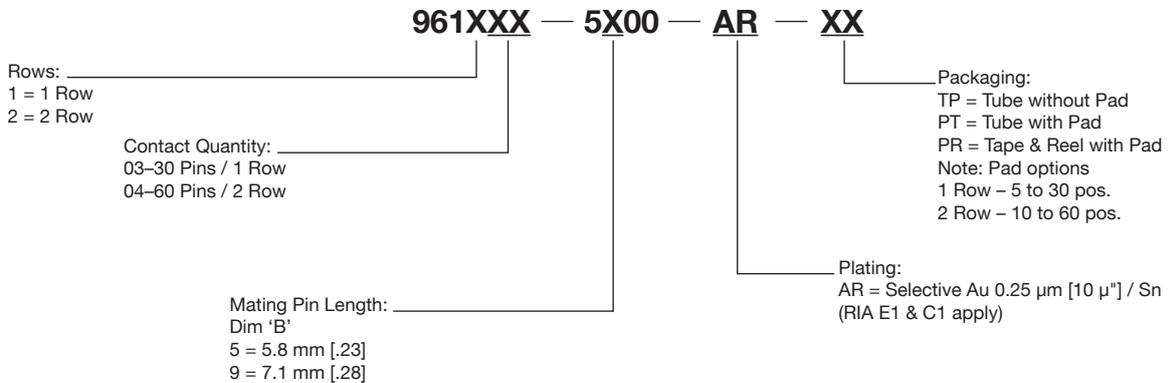
Tape & Reel Option								
9611xx-5500 (1 Row)	Contact Quantity	5	6-7	8-12	13-16	17-22	23-28	29-30
9611xx-5900 (1 Row)		5-6	7-8	9-13	14-17	18-22	23-28	29-30
9612xx-5500 (2 Row)		10	12-16	18-24	26-34	36-44	46-58	60
9612xx-5900 (2 Row)			10-14	16-22	24-32	34-42	44-54	56-60
Tape Width [mm]		24	32	44	56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



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



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 Sheet 2 of 2

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