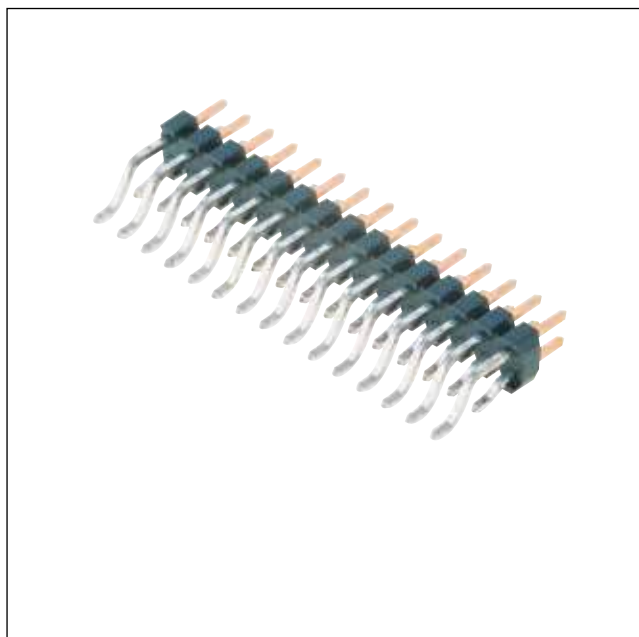


# 3M™ Pin Strip Header

2 mm and 2 mm x 2 mm Right Angle, Surface Mount

951 Series



- High temperature dielectric
- “No lead” reflow solder compatible
- Optimizes use of PC board space
- End stackable feature
- Mates with boardmount and wiremount products
- 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: January 2, 2017

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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  $\mu\text{m}$  [10–11  $\mu\text{in}$ ] Nickel  
Wiping Area: Flash Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [10–11  $\mu\text{in}$ ] Matte Tin

## Electrical

Current Rating: 1 A  
Insulation Resistance:  $> 5 \times 10^8$  Ohm at 100 V<sub>DC</sub>  
Withstand Voltage: 1000 V<sub>DC</sub>  
Transition Resistance:  $\leq 20$  mOhm

## Environmental

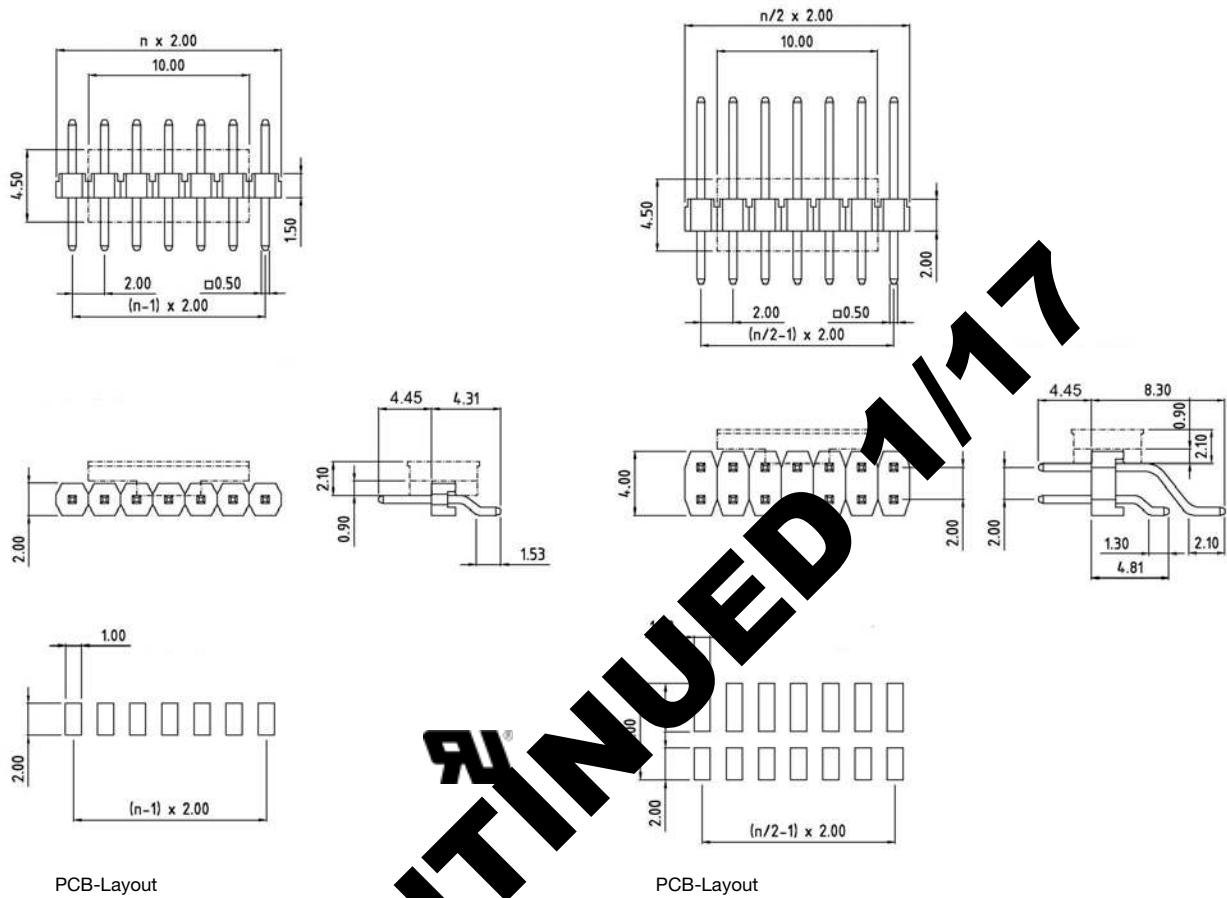
Temperature Range: -25 °C to +105 °C  
Processing Temperature: max. 260 °C (Profile per J-STD-020C)  
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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951 Series



Tape & Reel Option		Contact Quantity			
9511xx-4620 (1 Row)	4-7	8-10	11-16	17-22	23-25
9512xx-4620 (2 Row)	8-12	14-20	22-30	32-44	46-50
Tape Width [mm]		32	44	56	72

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

951XXX — 4620 — AR — XX (RIA E1 & C1 Apply)

Rows: \_\_\_\_\_  
 1 = 1 Row  
 2 = 2 Row

Contact Quantity: \_\_\_\_\_  
 03-25 Pins / 1 Row  
 06-50 Pins / 2 Row

Mounting Style: \_\_\_\_\_  
 4 = Surface Mount, Right Angle

Packaging:  
 TP = Tube  
 PT = Tube with Pad  
 PR = Tape & Reel with Pad  
 Note: Pad options  
 1 Row - 4 to 25 pos.  
 2 Row - 8 to 50 pos.

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**DISCONTINUED 1/17**

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RIA-2217A-E