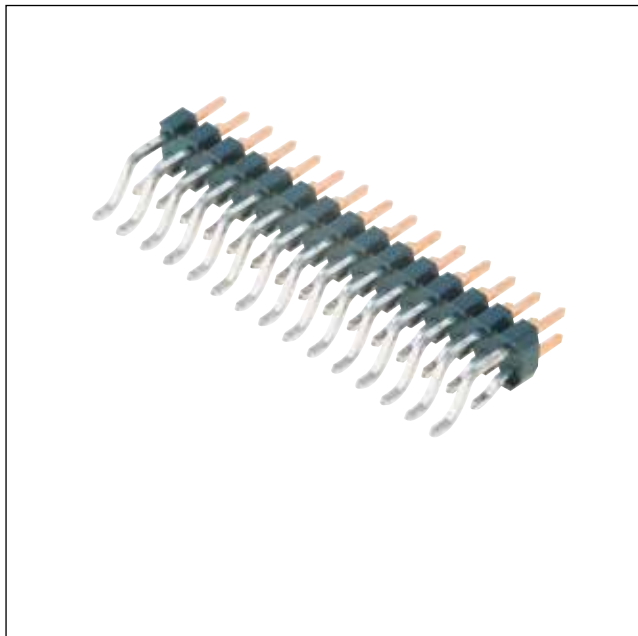


# 3M™ Pin Strip Header

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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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  $\mu\text{m}$  [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

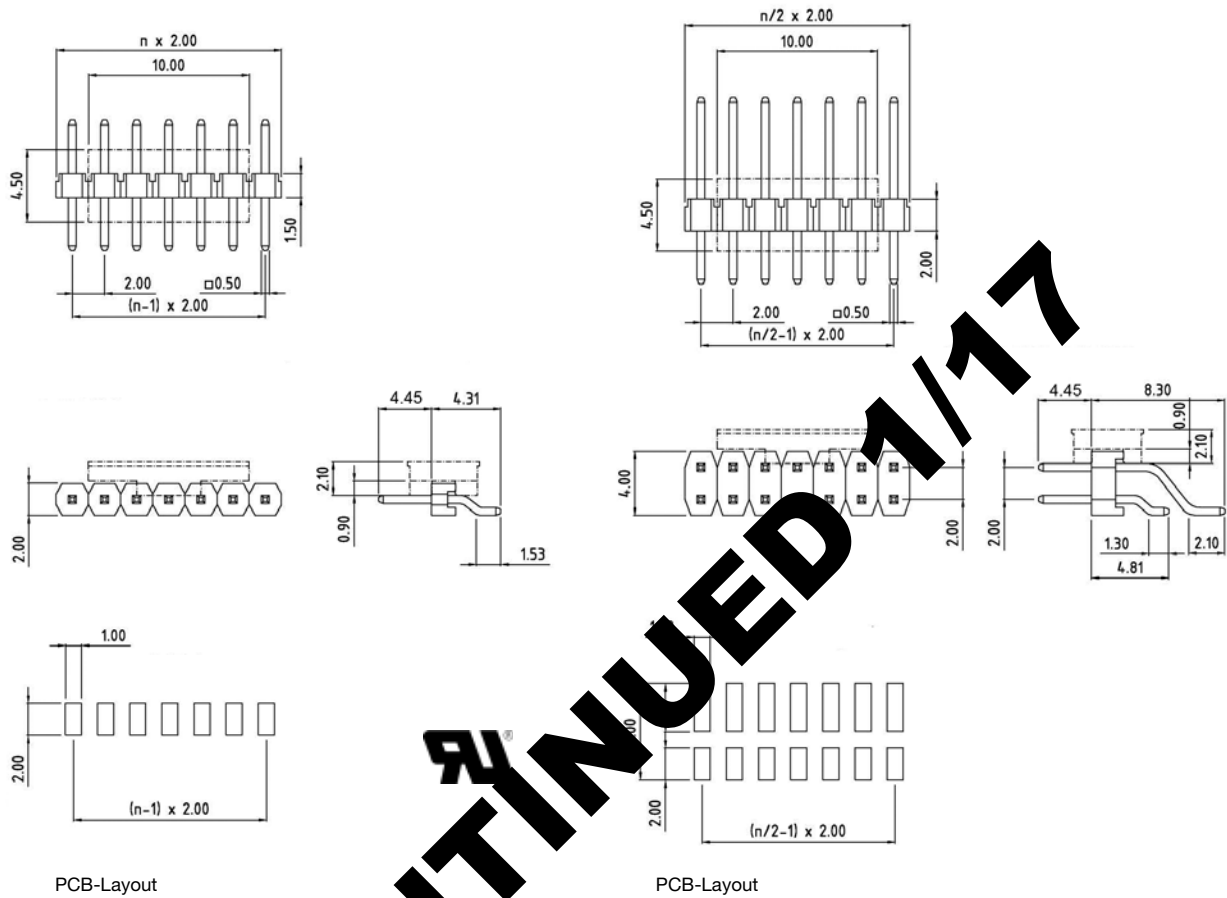
Temperature Range: -25 °C to +105 °C  
Processing Temperature: max. 260 °C (Profile per J-STD-020C)  
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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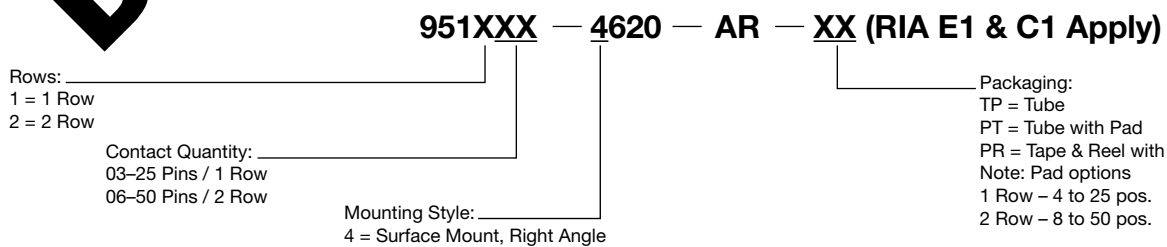


Tape & Reel Option					
9511xx-4620 (1 Row)	Contact Quantity	4-7	8-10	16-22	23-25
9512xx-4620 (2 Row)		8-12	14-20	22-30	32-44
Tape Width [mm]		32	44	56	72

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



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 Sheet 2 of 2

**DISCONTINUED 1/17**

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**3M Electronics Solutions Division**  
6801 River Place Blvd.  
Austin, TX 78726-9000  
U.S.A.  
1-800-225-5373  
www.3Mconnectors.com

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