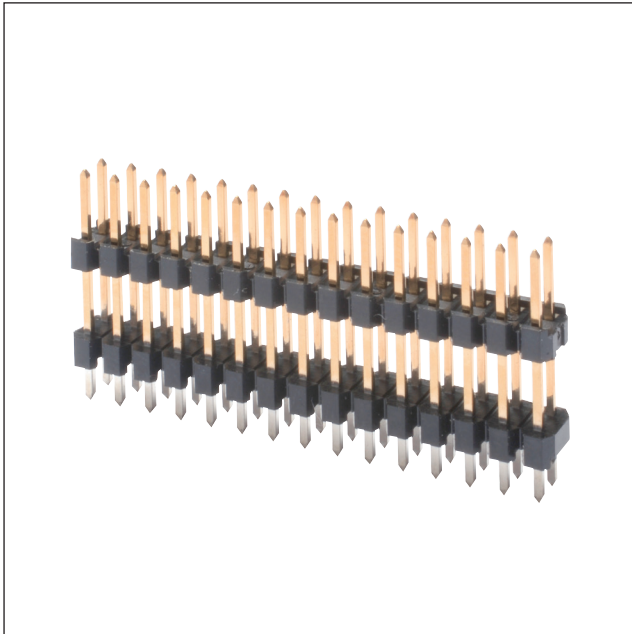


# 3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Dual Insulator, Straight, Solder Tail

961 Series



- High temperature dielectric
- “No lead” wave and 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  $\mu''$ ] Nickel  
Wiping Area: Flash Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [40–118  $\mu''$ ] 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

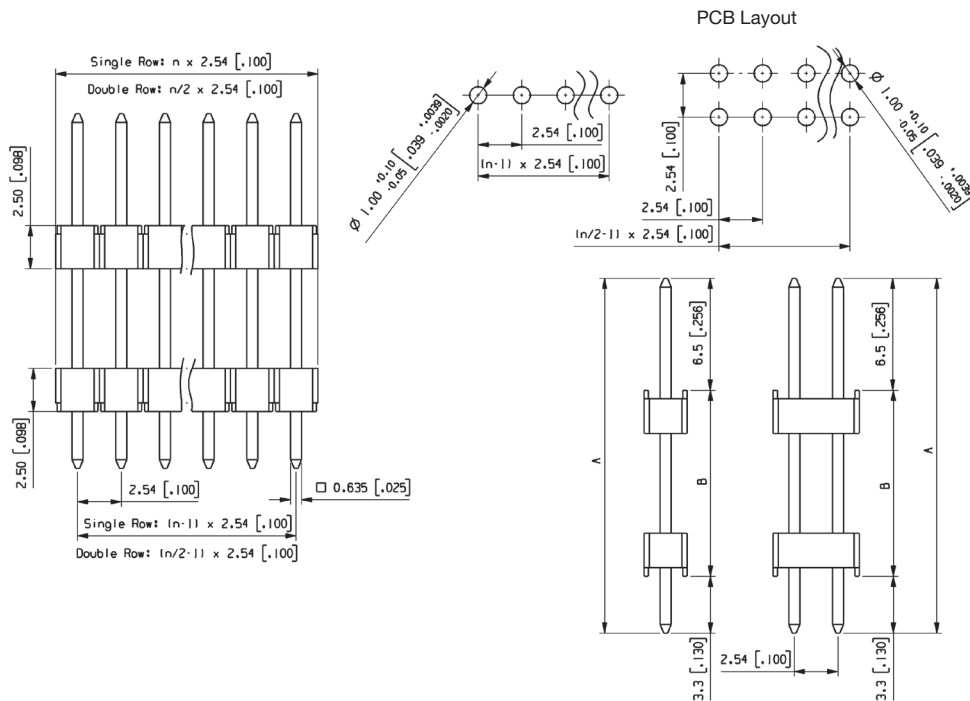
**Temperature Range:** -25 °C to +105 °C  
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)  
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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Contact Dimensions		
Coding No.	A	B
03	18.5 [.73]	8.7 [.34]
18	20.6 [.81]	10.8 [.42]
12	22.4 [.88]	12.6 [.50]
06	23.6 [.93]	13.8 [.54]
07	25.7 [1.01]	15.9 [.62]
08	27.5 [1.08]	17.7 [.69]
13	29.8 [1.17]	20.0 [.79]
14	31.6 [1.24]	21.8 [.86]
15	38.4 [1.51]	28.6 [1.13]
16	41.6 [1.64]	31.8 [1.25]
17	46.1 [1.81]	36.3 [1.43]



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

**9614XX** — **X04XX04** — **AR** (RIA E1 & C1 Apply)

Contact Quantity:  
02-36 Pins / 1 Row  
04-72 Pins / 2 Row

Rows:  
8 = 2 Row  
9 = 1 Row

Board Stacking Height:  
Dim 'B'

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Sheet 2 of 2

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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](http://www.3Mconnectors.com)

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