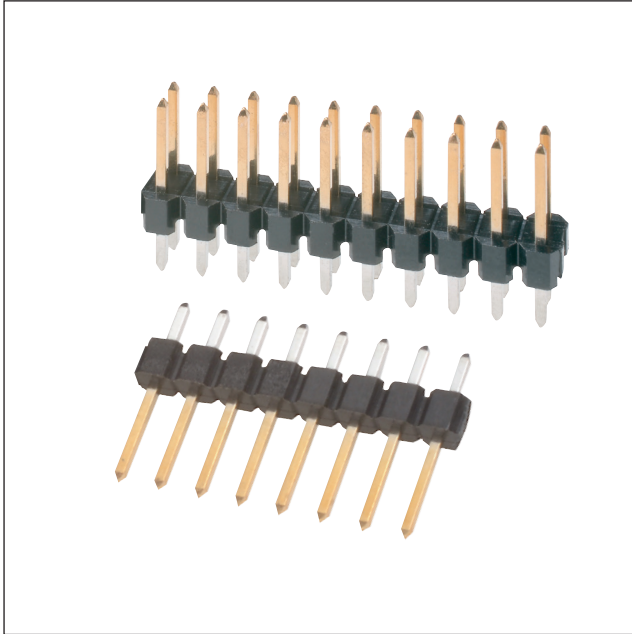


# 3M™ Pin Strip Header

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

961 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- End stackable feature
- Single and dual row
- 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: 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)

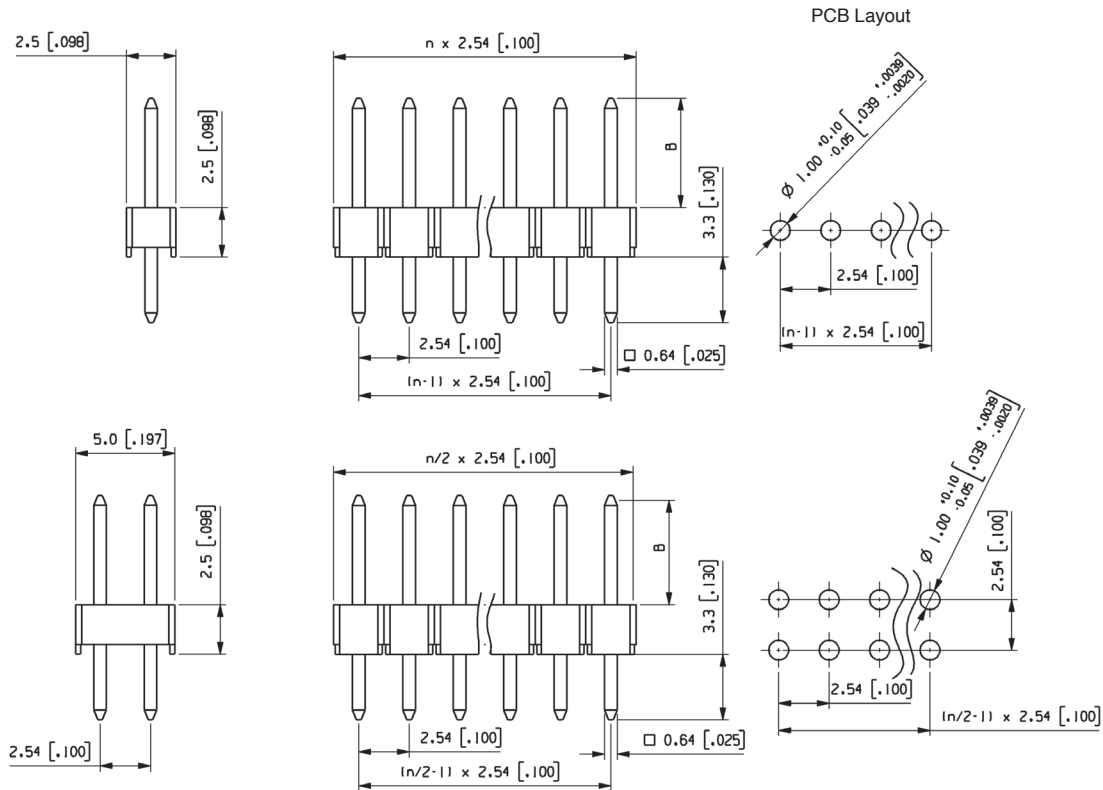
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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Pin Strip Header 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—6X04—AR** (RIA E1 & C1 Apply)

Rows:  
1 = 1 Row  
2 = 2 Row

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

Mating Pin Length:  
Dim 'B':  
4 = 5.5 mm [.22]  
8 = 6.8 mm [.27]

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