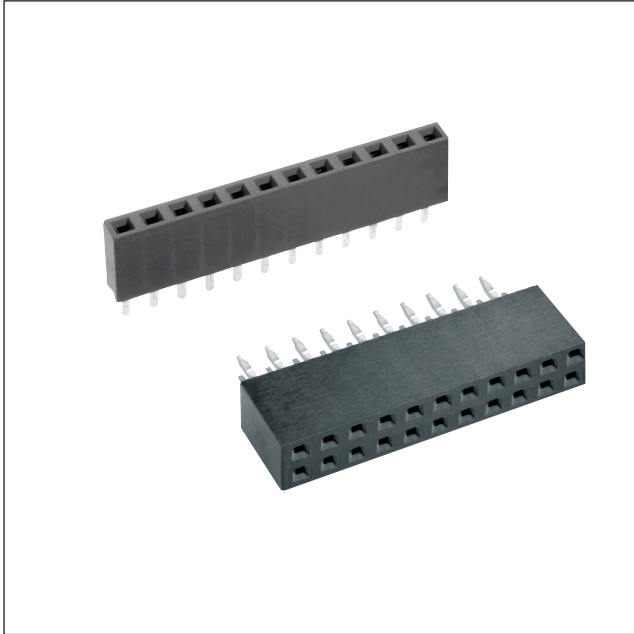


# 3M™ Boardmount Socket

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

960 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Single- and dual row design, 2–36 pins or 4–72 pins
- Housing height options: 8.5 mm and 7.1 mm
- Mates with pin-strip header 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 19, 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

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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

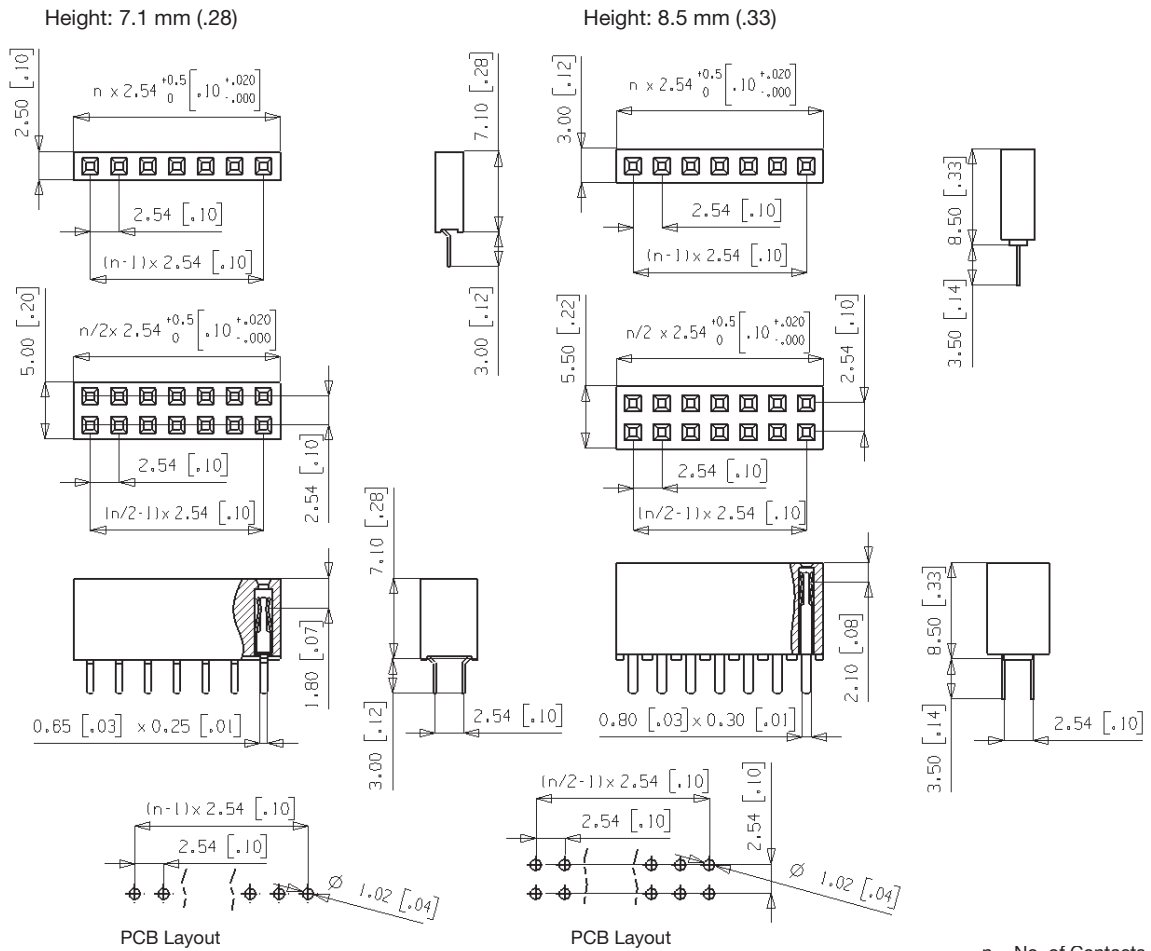
**Temperature Range:** -25 °C to +105 °C  
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)  
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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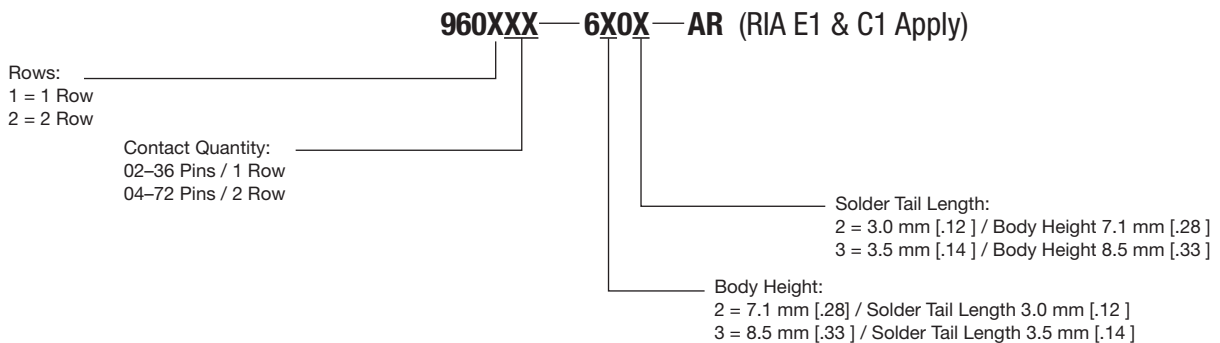
960 Series



Tolerance Unless Noted [mm]				
<b>Nominal Size</b>	0.5-3	3-6	6-30	30-120
<b>Linear Dim</b>	+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3
<b>Radii</b>	+/- 0.2	+/- 0.5	+/- 1	+/- 1



## Ordering Information



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