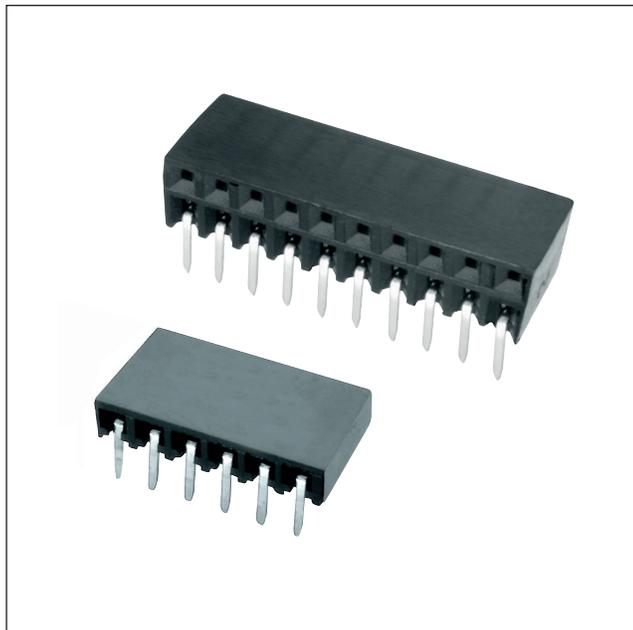


# 3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Solder Tail

960 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Single- and dual row design, 4–36 pins or 8–72 pins
- Mates with pin-strip header products
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of [www.3Mconnectors.com](http://www.3Mconnectors.com) for compliance information

Date Modified: November 19, 2012

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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  $\mu\text{m}$  [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

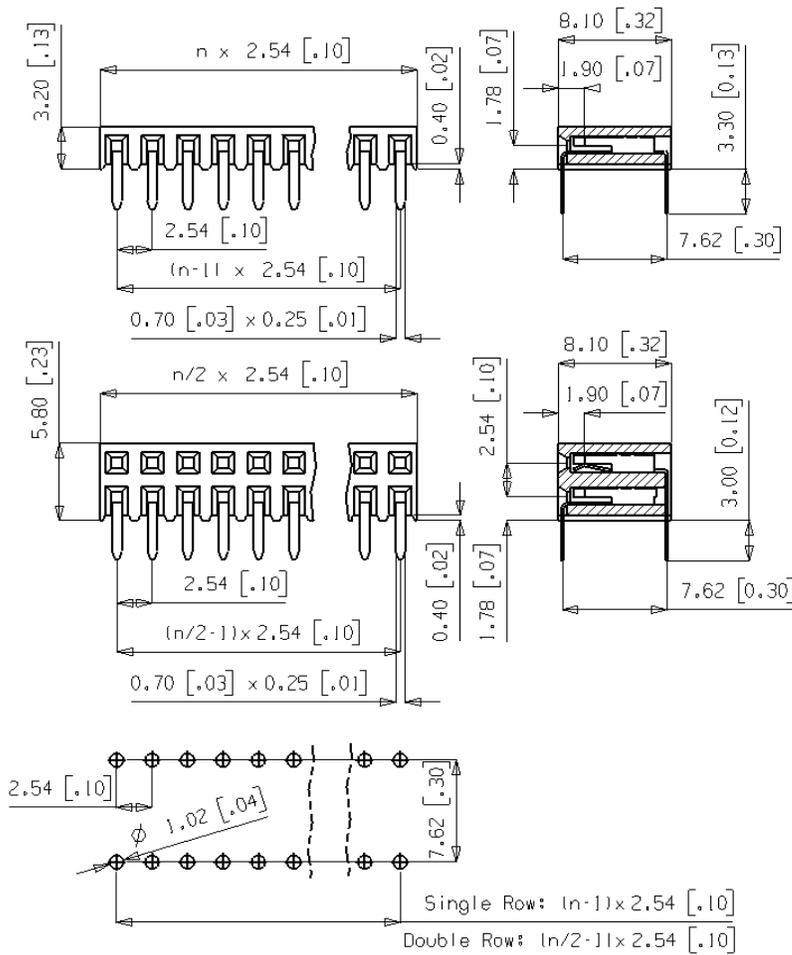
**Temperature Range:** -25 °C to +105 °C  
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)  
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

# 3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Solder Tail

960 Series



n = No. of Contacts

PCB Layout



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

960XXX — 7102 — AR (RIA E1 & C1 Apply)

Rows:  
 1 = 1 Row  
 2 = 2 Row

Contact Quantity:  
 04-36 Pins / 1 Row  
 08-72 Pins / 2 Row

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 Sheet 2 of 2

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