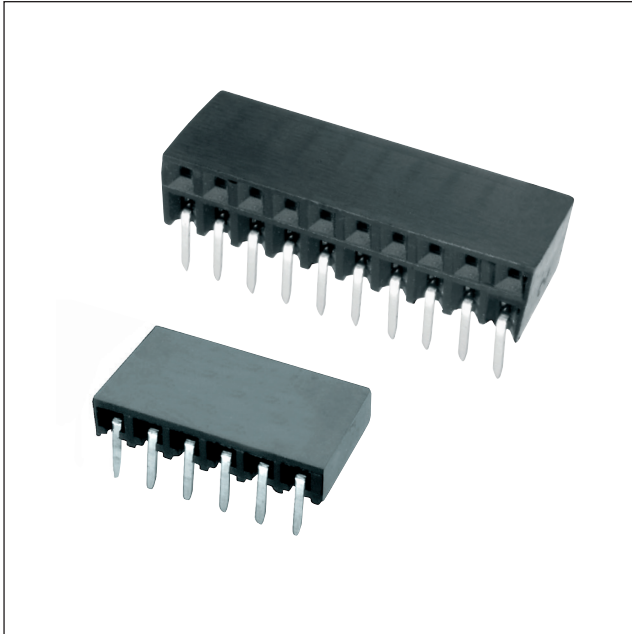


# 3M™ Boardmount Socket

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 1, 2012

TS-2188-E  
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  $\mu\text{in}$ ] Nickel  
Wiping Area: Flash Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [9–11  $\mu\text{in}$ ] 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

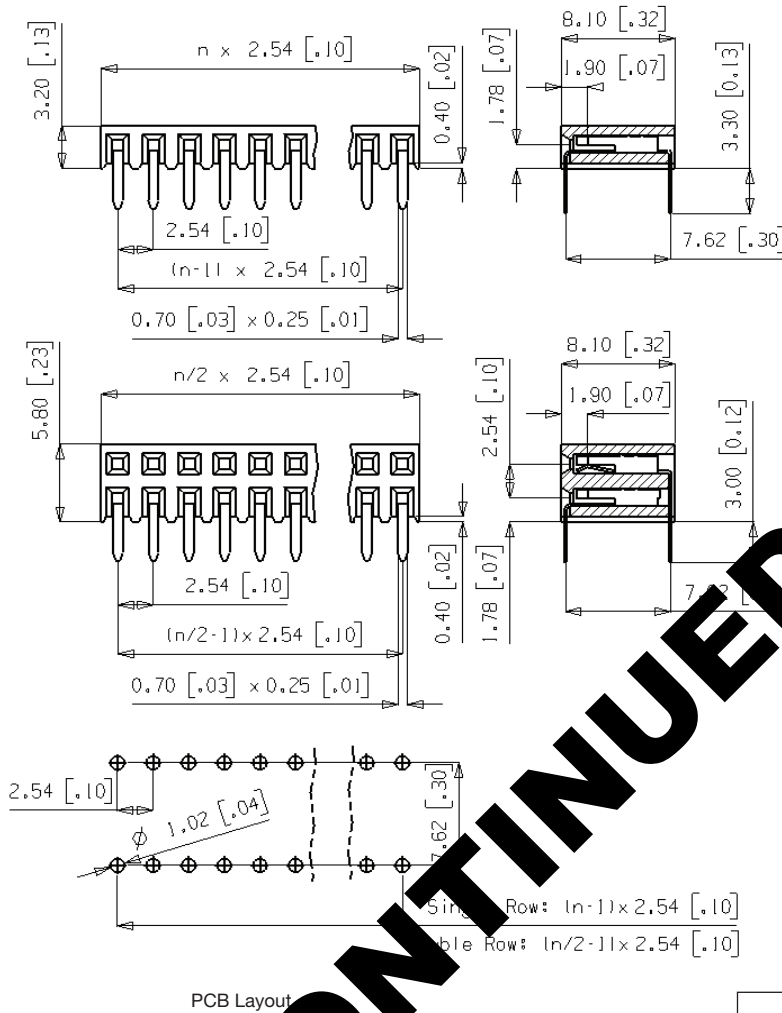
Temperature Range: -25 °C to +105 °C  
Processing Temperature: max. 260 °C (Profile per J-STD-020C)  
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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DISCONTINUED 1/17

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

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

Row  
2 = 2 Row

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

TS-2188-E  
Sheet 2 of 2

**DISCONTINUED 1/17**

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