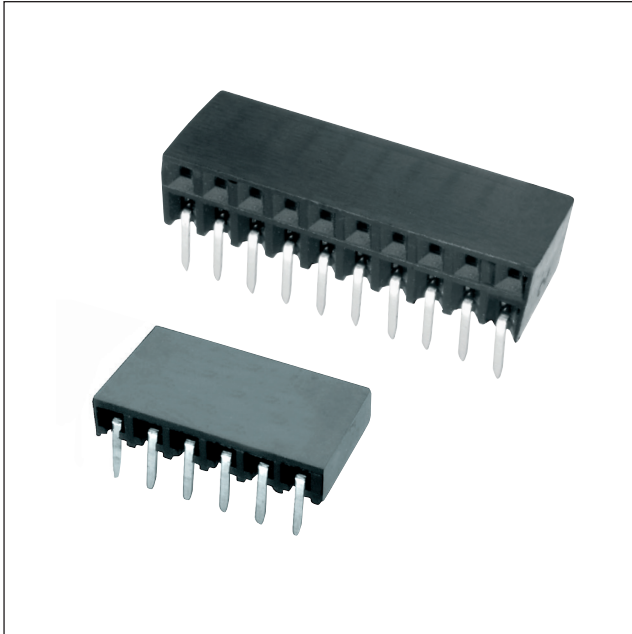


3M™ Boardmount Socket

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 for compliance information

Date Modified: November 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 μm [50–100 μin] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [10–11 μin] Matte Tin

Electrical

Current Rating: 2 A

Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 V_{DC}

Withstanding Voltage: 1000 V_{DC}

Environmental

Temperature Range: -25 °C to +105 °C

Processing Temperature: max. 260 °C (Profile per J-STD-020C)

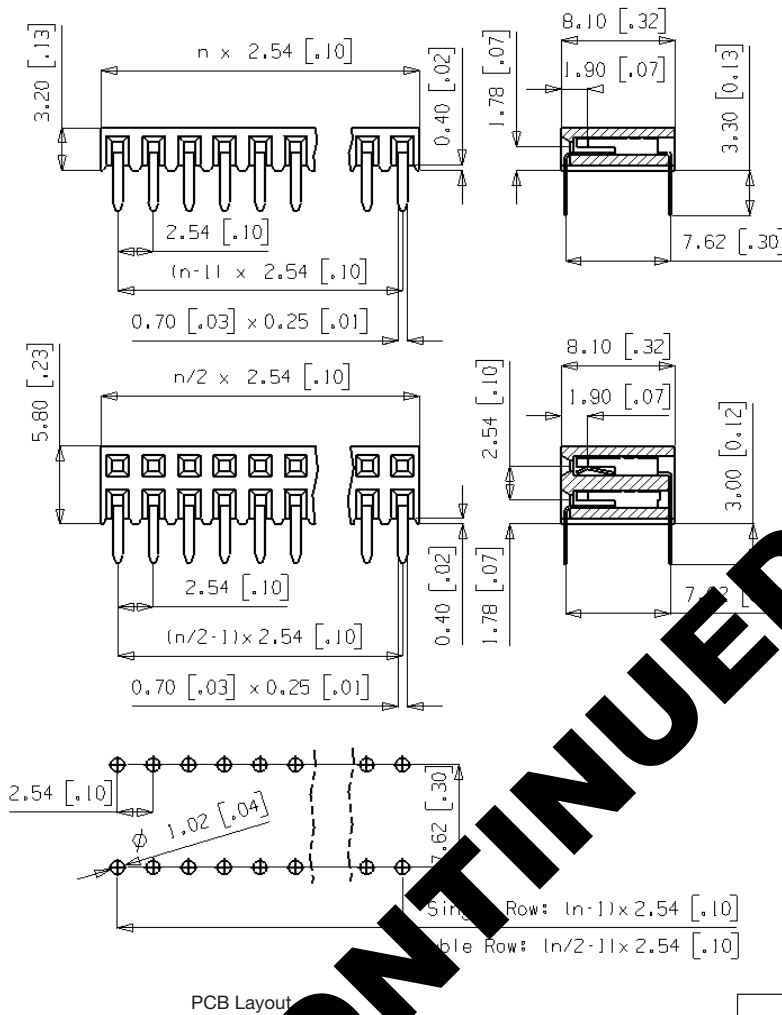
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Boardmount Socket

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

960 Series



PCB Layout

Single Row: $(n-1) \times 2.54$ [mm]
 Double Row: $(n/2-1) \times 2.54$ [mm]

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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