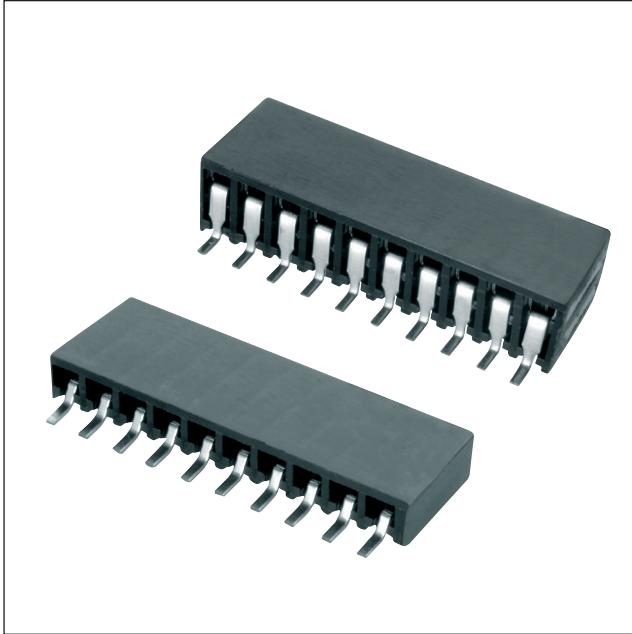


3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Surface Mount

960 Series



- High temperature dielectric
- “No lead” reflow solder compatible
- Single- and dual row design, 4–30 pins or 8–60 pins
- Mates with pin-strip header products
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: November 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 μm [50–100 μin] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [0–11 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)

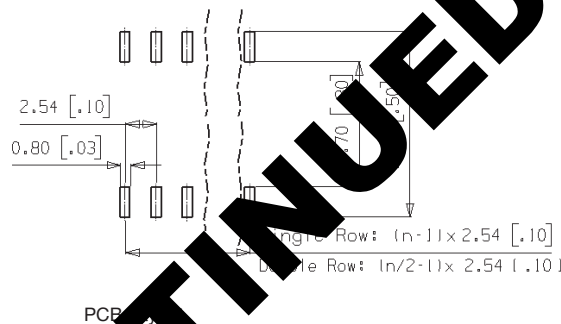
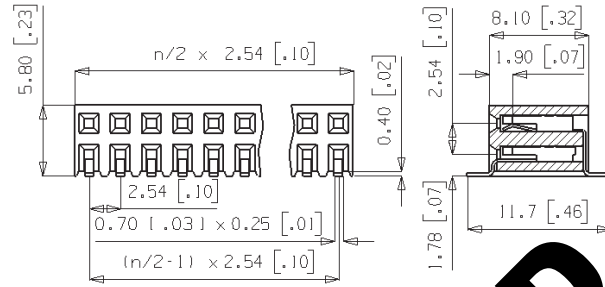
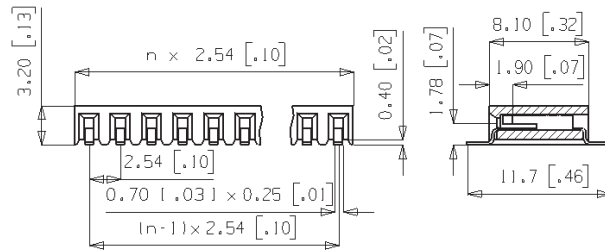
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Boardmount Socket

2.54 mm and 2.54 mm x 2.54 mm, Side Entry, Surface Mount

960 Series



Tape & Reel Options							
Part Number	Contact Quantity	Contact Range					
		4-6	7-8	9-10	11-12	13-14	15-16
9601xx-8100 (1 Row)							
9602xx-8100 (2 Row)							
Tape Width [mm]		24	32	44	56	72	88

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

Ordering Information

960XXX — 8100 — AR — XX (RIA E1 & C1 Apply)

1 = 1 Row
2 = 2 Row

Contact Quantity:
04-30 Pins / 1 Row
08-60 Pins / 2 Row

Packaging:
TP = Tube without Pad
TR = Tape & Reel

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Sheet 2 of 2

DISCONTINUED 1/17

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