

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 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 μm [50–100 μ''] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [40–118 μ''] Matte Tin

Electrical

Current Rating: 2 A
Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 V_{DC}
Withstanding Voltage: 1000 V_{DC}

Environmental

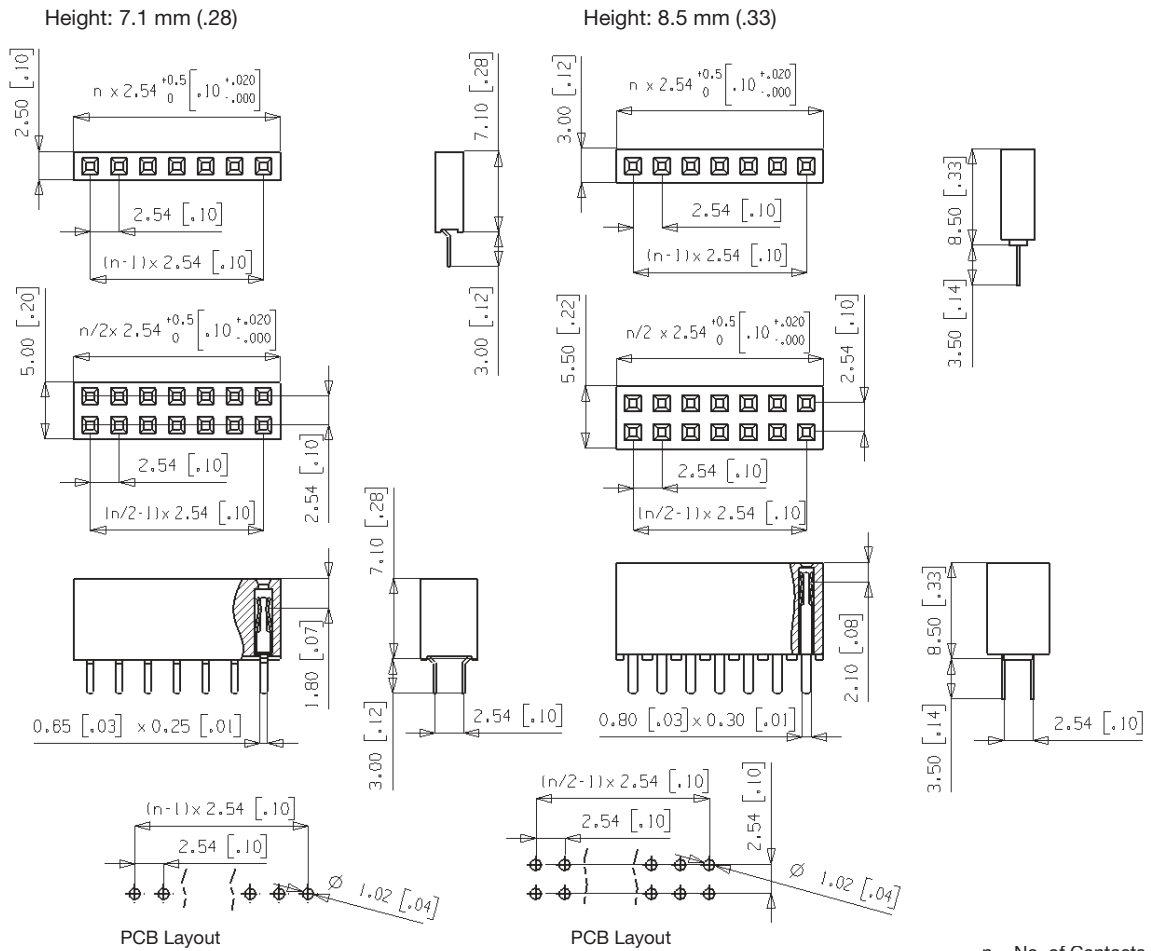
Temperature Range: -25 °C to +105 °C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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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

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
02-36 Pins / 1 Row
04-72 Pins / 2 Row

960XXX — 6X0X — AR (RIA E1 & C1 Apply)

Solder Tail Length:
2 = 3.0 mm [.12] / Body Height 7.1 mm [.28]
3 = 3.5 mm [.14] / Body Height 8.5 mm [.33]

Body Height:
2 = 7.1 mm [.28] / Solder Tail Length 3.0 mm [.12]
3 = 8.5 mm [.33] / Solder Tail Length 3.5 mm [.14]

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