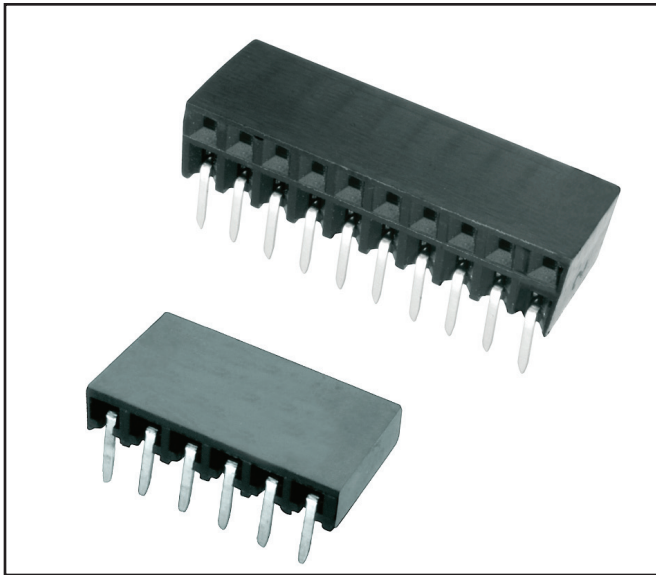


3M™ Boardmount Socket

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
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS Compliance" section of www.3Mconnector.com for compliance information (RIA E1 and C1 apply)

Date Modified: September 23, 2010

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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 μm] Nickel
Wiping Area: 0.25 μm [10 μm] Gold
Solder Tail Area: 1–3 μm [40–118 μm] Matte Tin

Electrical

Current Rating: 2 A

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

Withstanding Voltage: 1,000 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

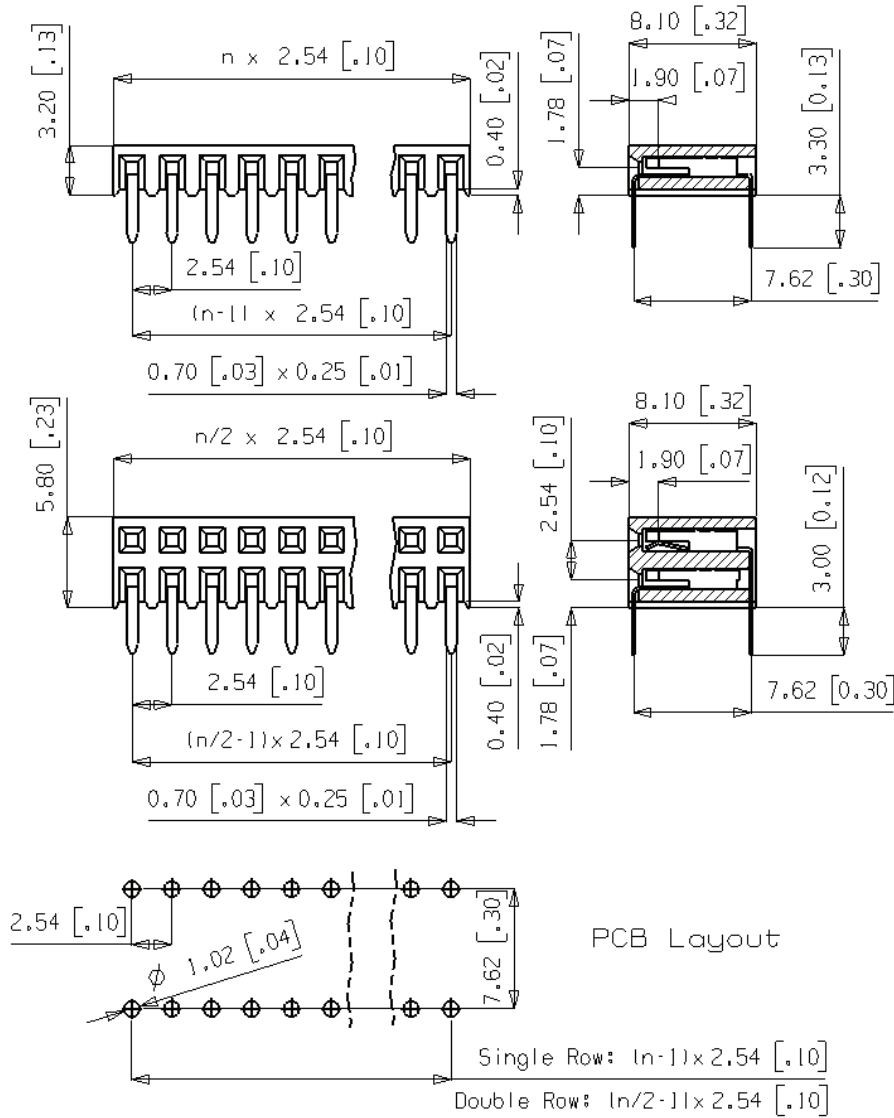
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n = No. of Contacts

Tolerance Unless Noted				
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

Rows:
1 = 1 Row
2 = 2 Row

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

Plating:
AR = Selective Au 0.25 μm [10 μm] / Sn
Ref Appendix E1 & C1

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Sheet 2 of 2

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