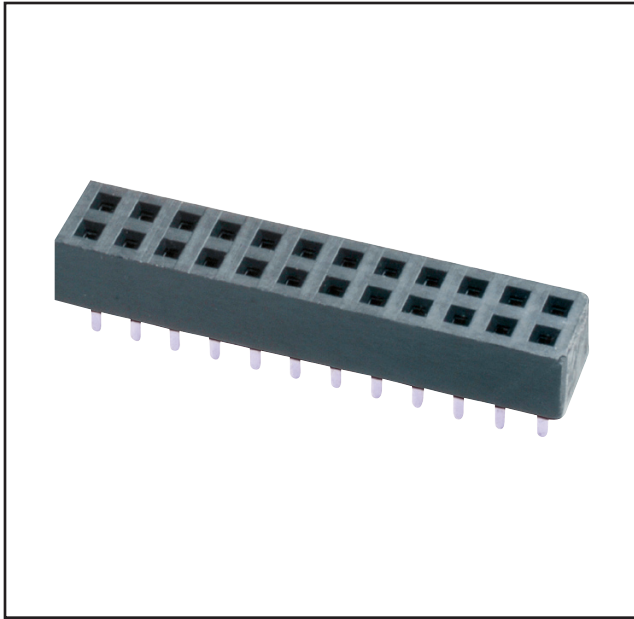


3M™ Boardmount Socket

2 mm and 2 mm x 2 mm Straight, Solder Tail

950 Series



- Maximizes use of PC board space
- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Single- and dual row design, 2–40 pins or 4–80 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 21, 2014

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Sheet 1 of 2

Physical

Insulation:

Material: High Temperature Thermoplastic
Flammability: UL 94V-0
Color: Black

Contact: Copper Alloy

Material:

Plating:

Underplating: 100 μm [100 μm] Nickel
Wiping Area Plating: Gold
Solder Tail Plating: 3 μm [40–118 μm] Matte Tin

Electrical

Current Rating: 1A
Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 VDC
Withstanding Voltage: 1000 V
Transition Resistance: ≤ 20 mOhm

Environmental

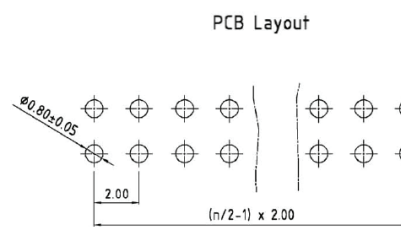
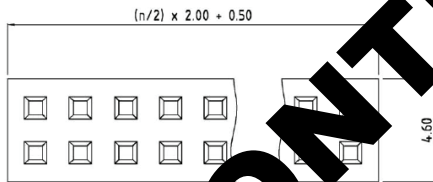
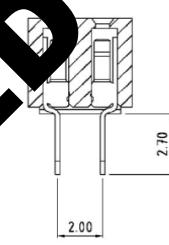
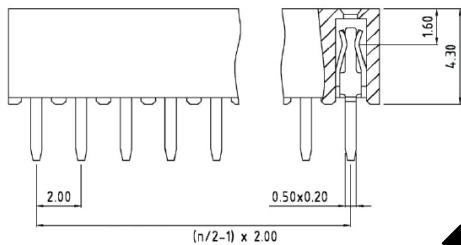
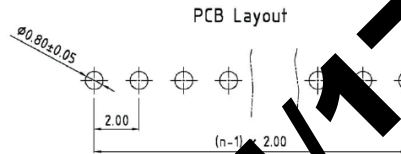
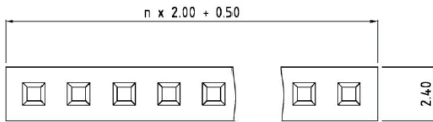
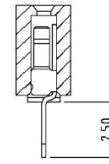
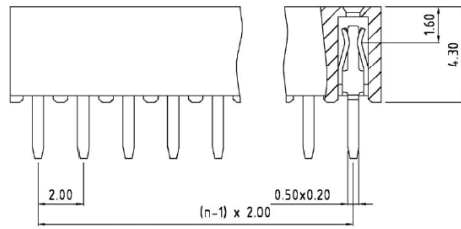
Temperature Range: -40°C to +105°C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Boardmount Socket

2 mm and 2 mm x 2 mm Straight, Solder Tail

950 Series



DISCONTINUED 1117

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

950XXX - 6102 - AR (RIA E1 & C1 Apply)

Rows:
4 = 2 Row
5 = 1 Row

Contact Quantity:
02-40 Pins/1 Row
04-80 Pins/2 Row

Tail Style:
6 = Straight, Thru Hole

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Sheet 2 of 2

DISCONTINUED 1/17

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