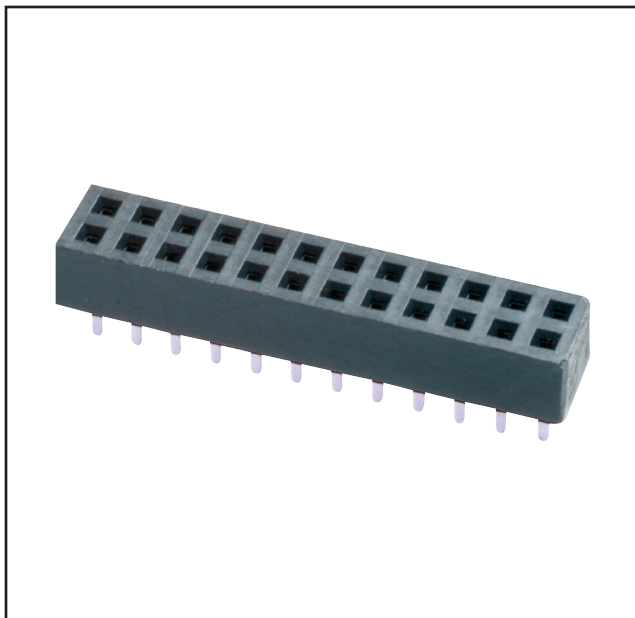


3M™ Boardmount Socket

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: 75–100 μm [100 μ"] Nickel

Wiping Area: Flash Gold

Solder Tail Area: 3–13 μm [40–118 μ"] Matte Tin

Electrical

Current Rating: 1A

Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 VDC

Withstanding Voltage: 1000 V

Position 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



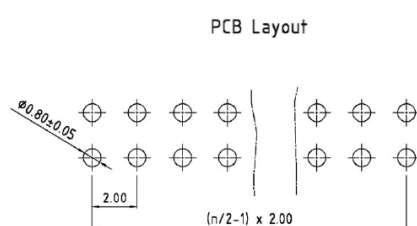
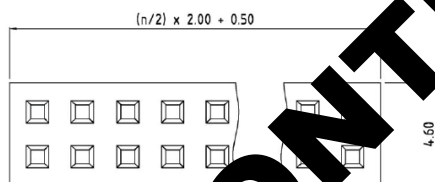
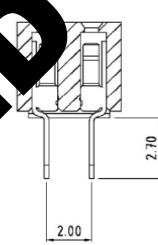
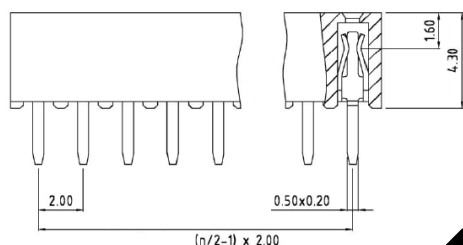
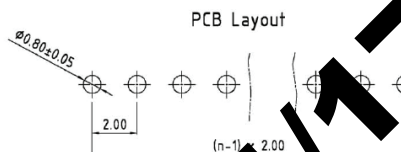
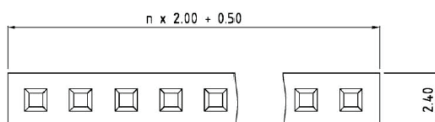
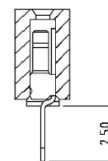
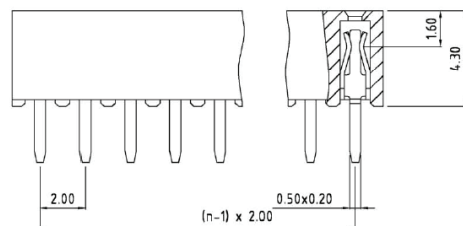
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800-225-5373

3M™ Boardmount Socket

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

950 Series



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



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