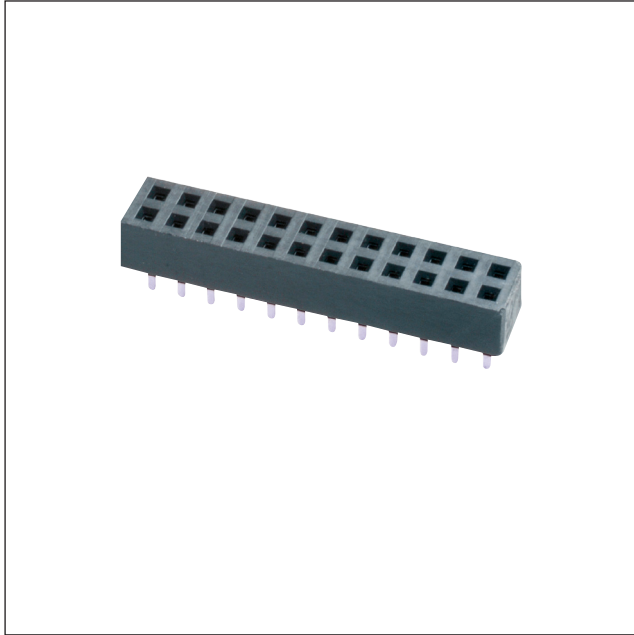


3M™ Boardmount Socket

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

950 Series



- Optimizes 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
- Minimized PC Board stacking heights
- Mates with pin-strip header products
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3M.com/interconnects for compliance information

Date Modified: April 24, 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 [100 μ''] Nickel
Wiping Area: 0.25 μm [10 μ''] Gold
Solder Tail Area: 1–3 μm [40–118 μ''] Matte Tin

Electrical

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

Environmental

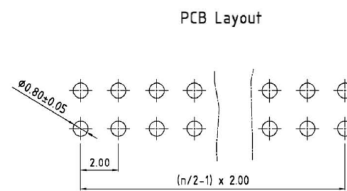
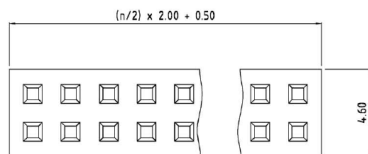
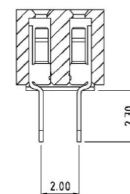
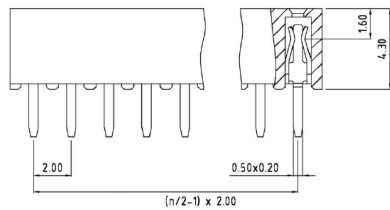
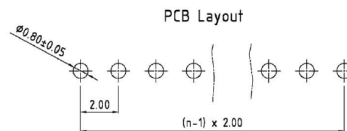
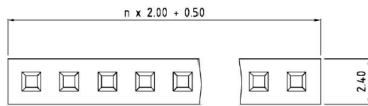
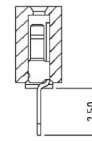
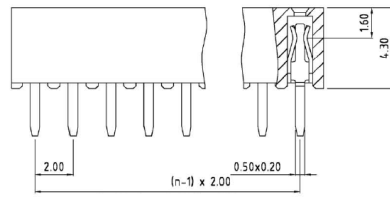
Temperature Range: -25 °C to +105 °C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Boardmount Socket

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

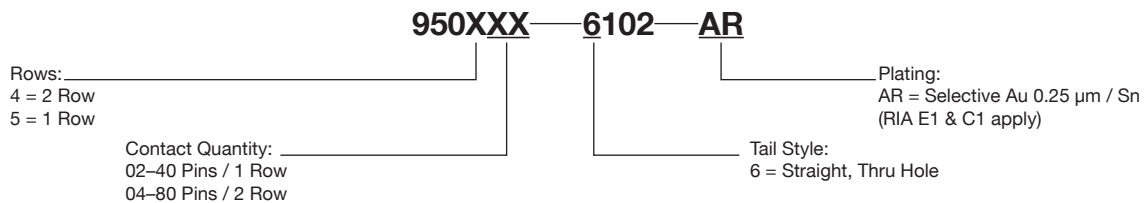
950 Series



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



TS-2155-D
Sheet 2 of 2

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