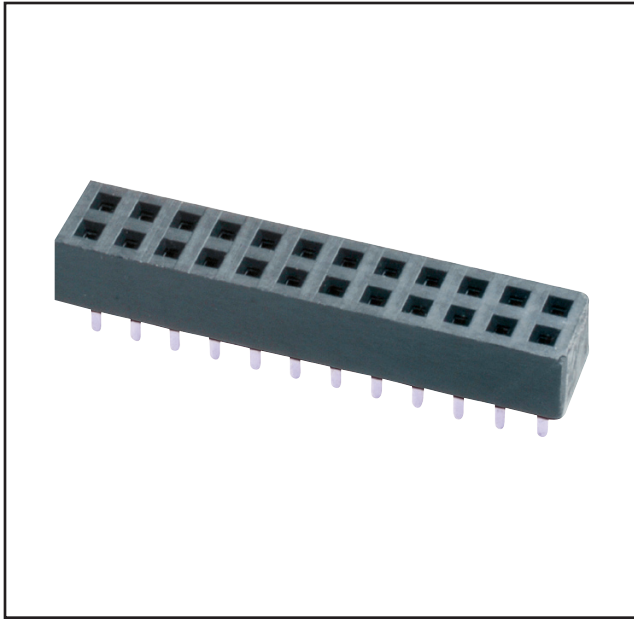


# 3M™ Boardmount Socket

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](http://www.3Mconnectors.com) for compliance information (RIA E1 & C1 apply)

Date Modified: November 21, 2014

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## 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 Area: 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:  $\leq 20$  mOhm

## Environmental

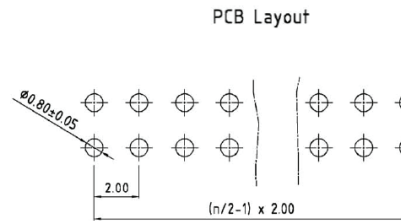
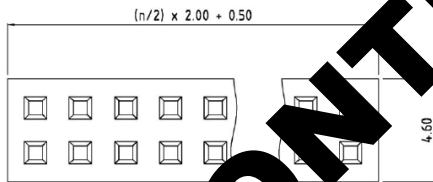
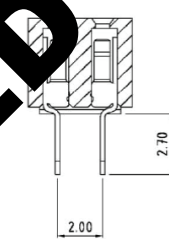
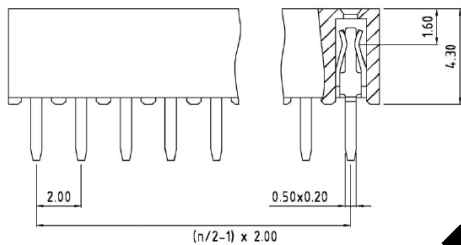
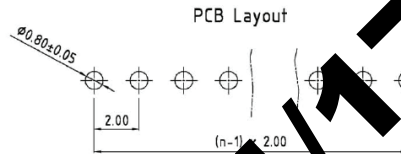
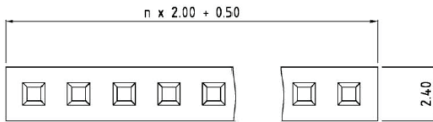
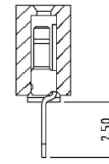
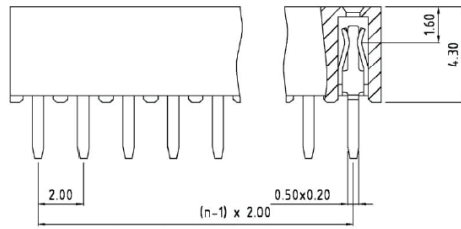
Temperature Range: -40°C to +105°C  
Processing Temperature: max. 260 °C (Profile per J-STD-020C)  
Moisture Sensitivity Level: 1 (per J-STD-020C)

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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**DISCONTINUED 1/17**

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