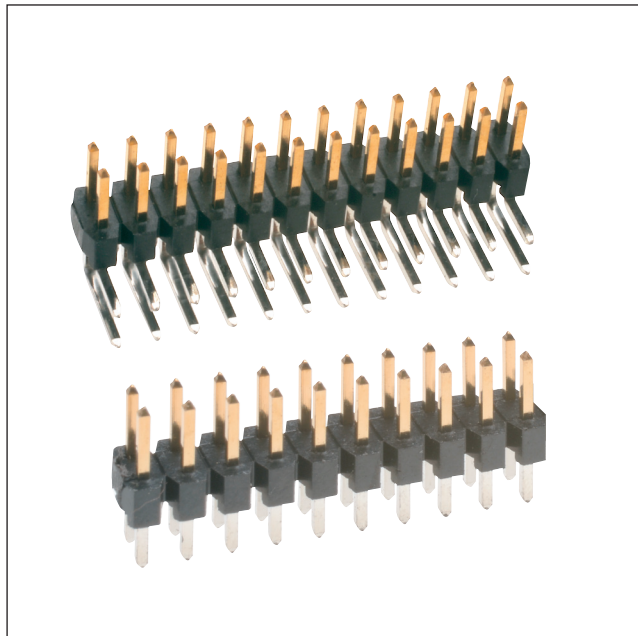


3M™ Pin Strip Header

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

951 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Optimizes use of PC board space
- End stackable feature
- Mates with boardmount and wiremount 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

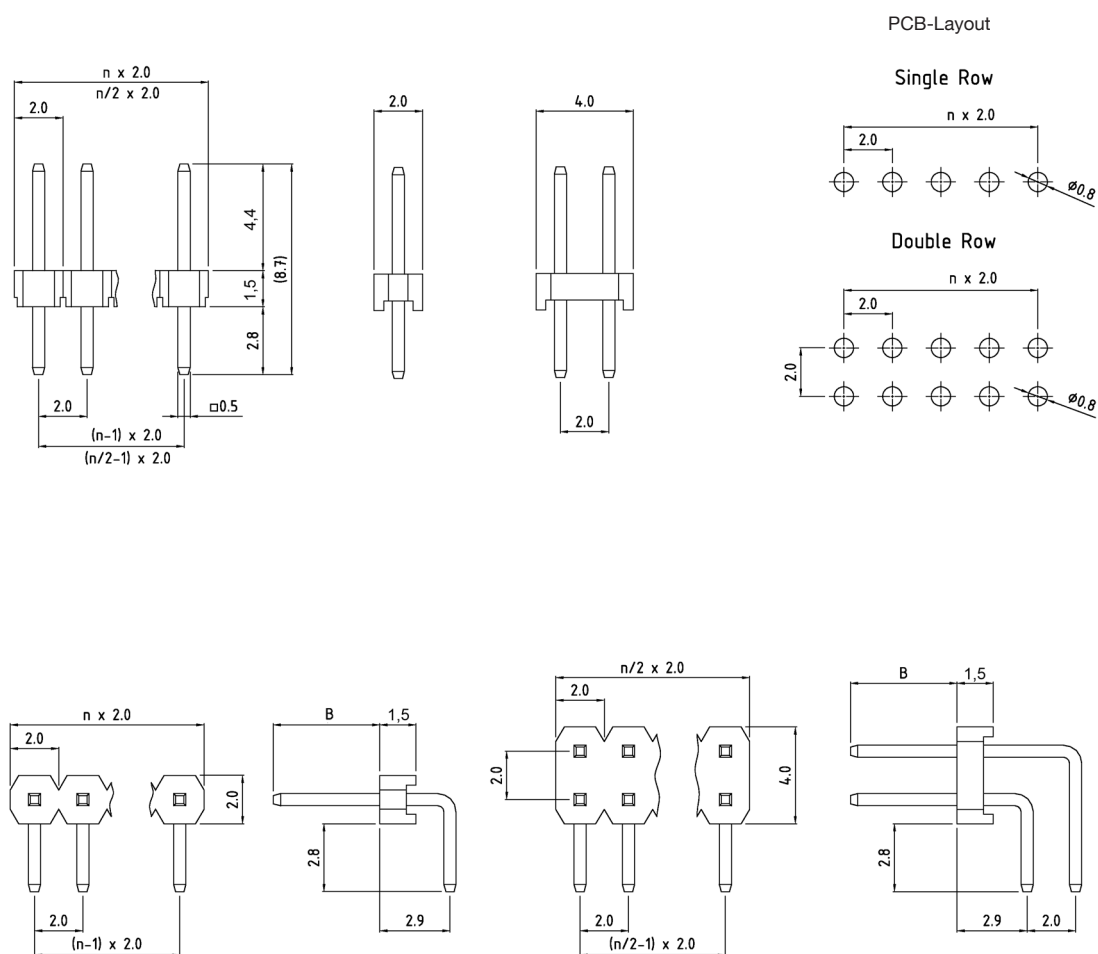
Temperature Range: -25 °C to +105 °C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Pin Strip Header

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

951 Series



Ordering Information

951XXX—XX22—AR

Rows:
1 = 1 Row
2 = 2 Row

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

Mounting Style:
8 = Vertical, Solder Tail
7 = Right Angle, Solder Tail

Plating:
AR = Selective Au 0.25 μ m / Sn
(RIA E1 & C1 apply)

Mating Pin Length
Dimension B:
6 = 4.4 mm
7 = 7.5 mm (for Right Angle only)

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Sheet 2 of 2

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