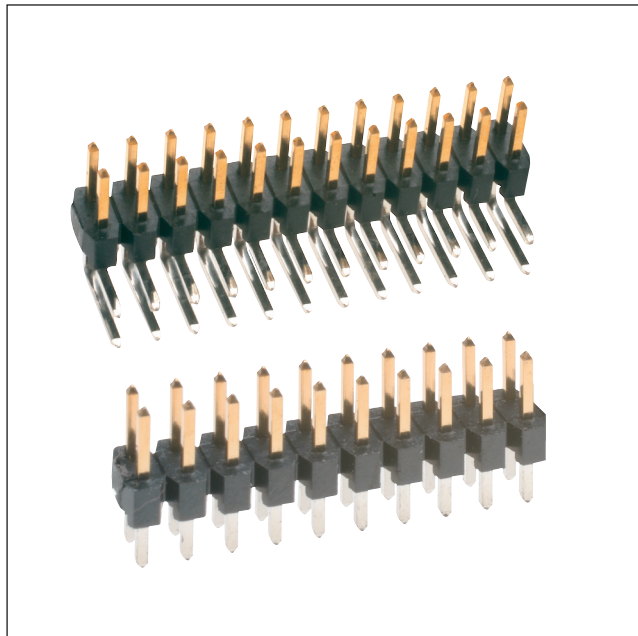


3M™ Pin Strip Header

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

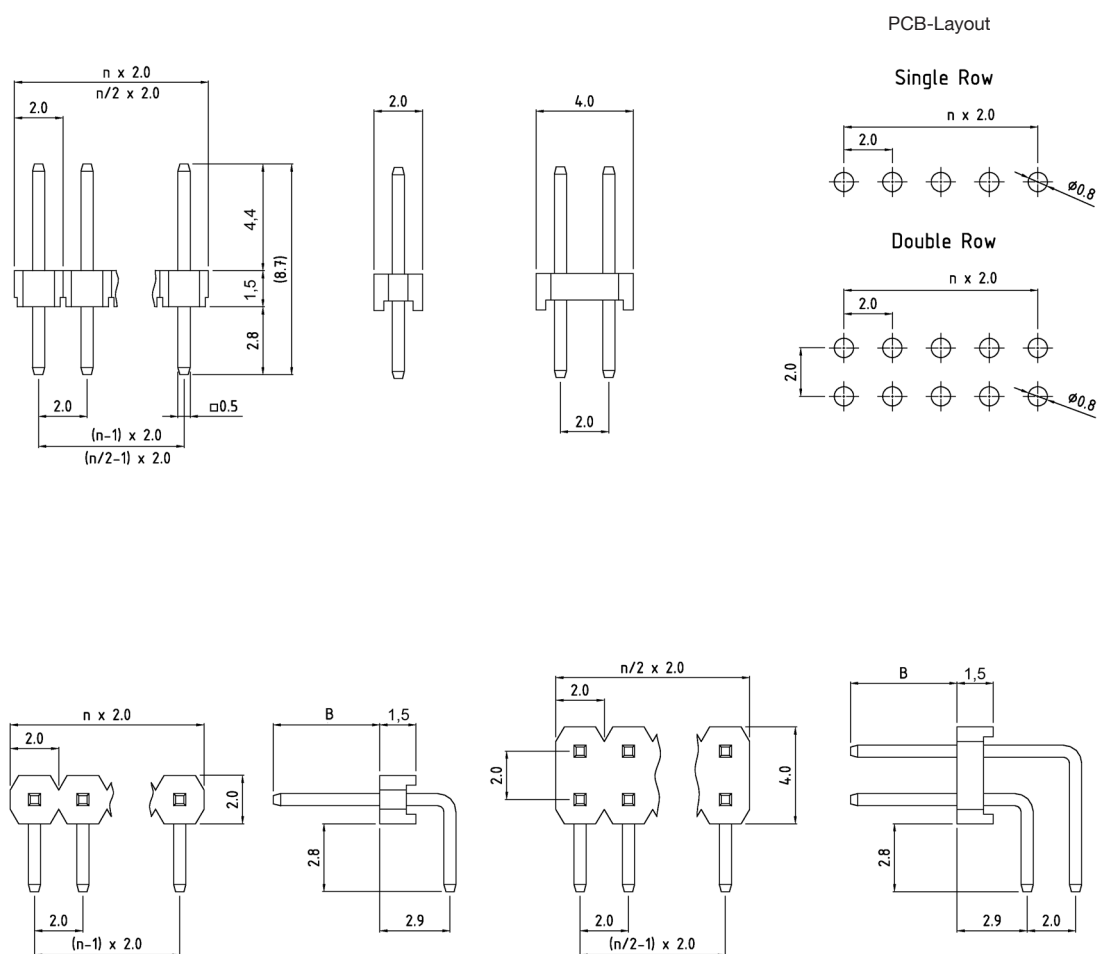
Temperature Range: -25 °C to +105 °C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Pin Strip Header

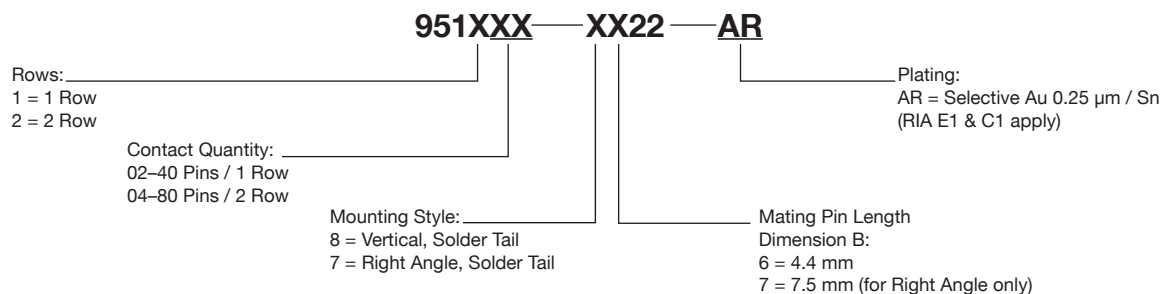
2 mm and 2 mm x 2 mm Straight and Right Angle, Solder Tail

951 Series



Tolerance Unless Noted [mm]			
Nominal Size	0.5–3	3–6	6–30
Linear Dim	+/- 0.1	+/- 0.1	+/- 0.2
Radii	+/- 0.2	+/- 0.5	+/- 1

Ordering Information



TS-2156-D
Sheet 2 of 2

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3M Electronics Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
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1-800-225-5373
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