

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
- Maximizes use of PC board space
- End stackable feature
- Mates with boardmount and wiremount 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 19, 2014

TS-2156-E
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 $\mu\text{''}$] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [40–118 $\mu\text{''}$] 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: -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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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

951XXX — XX22 — AR (RIA E1 & C1 Apply)

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

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

TS-2156-E
Sheet 2 of 2

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