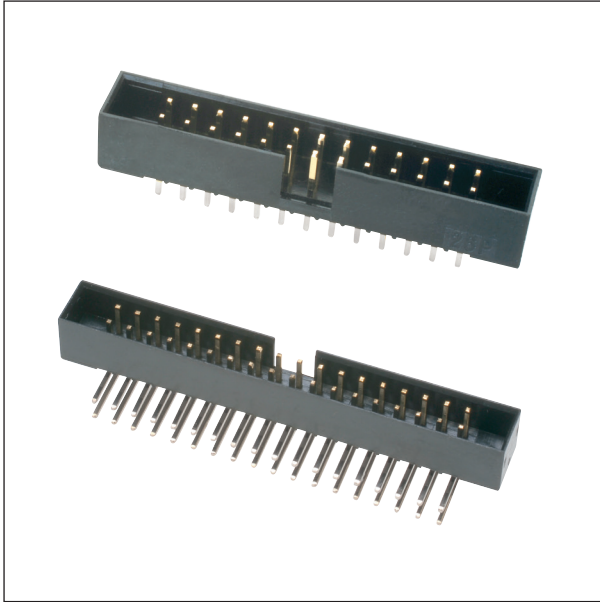


3M™ Box Header

2 mm x 2 mm, Solder Tail

957 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- Optimizes use of PC board space
- Center slot polarization prevents mis-insertions and reduces insertion time
- 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 26, 2012

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Sheet 1 of 2

Physical

Insulation

Material: High Temperature Thermoplastic
Flammability: UL 94V-0
Color: Black

Contact

Material: Square Pin □ 0.5 mm, Copper Alloy

Plating

Underplating: 1.25–2.5 µm [50–100 µ"] Nickel
Wiping Area: Flash 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

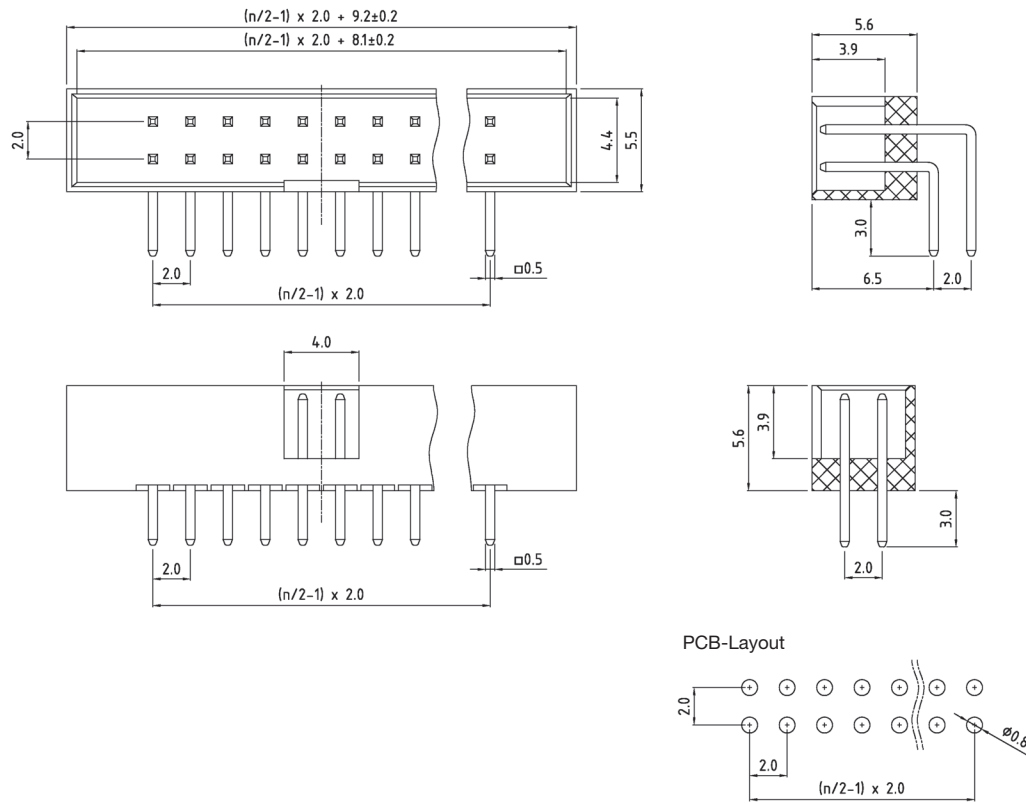
Environmental

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

3M™ Box Header

2 mm x 2 mm, Solder Tail

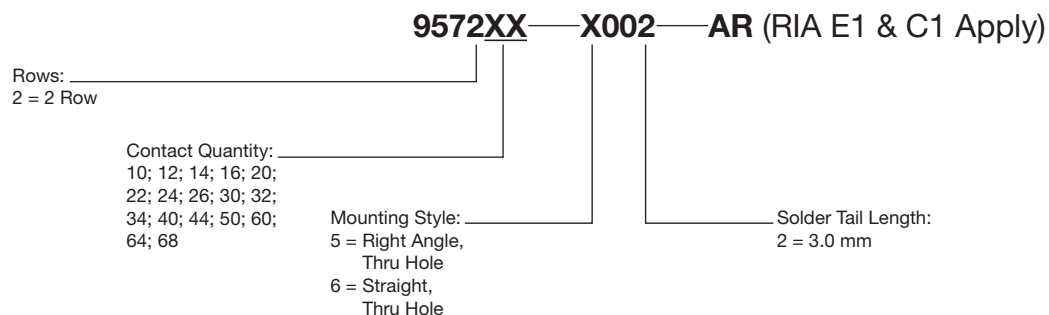
957 Series



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-2174-D
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