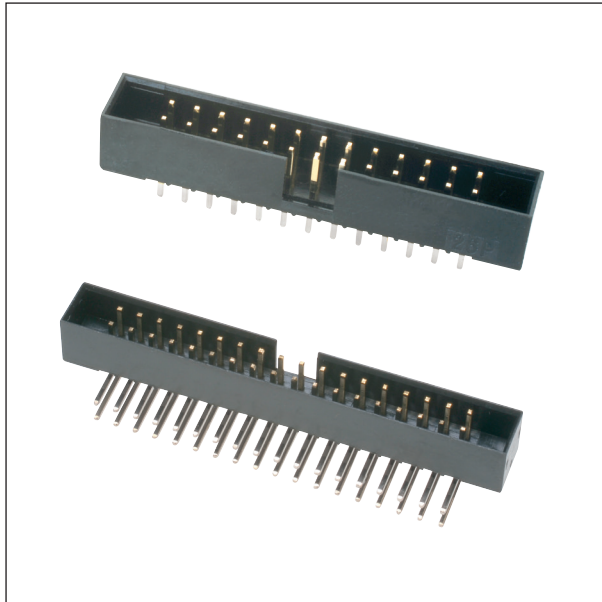


# 3M™ Box Header

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](http://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 x 10<sup>8</sup> Ohm at 100 V<sub>DC</sub>  
**Withstanding Voltage:** 1000 V<sub>DC</sub>  
**Transition Resistance:** ≤ 20 mOhm

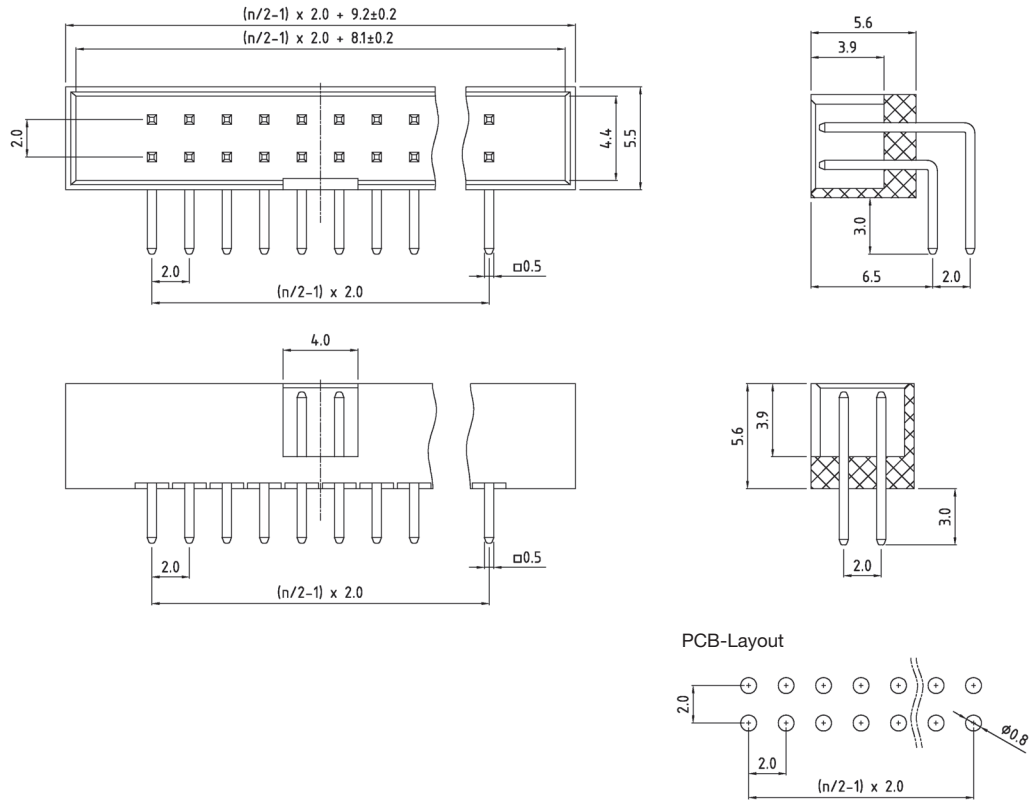
## Environmental

**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)

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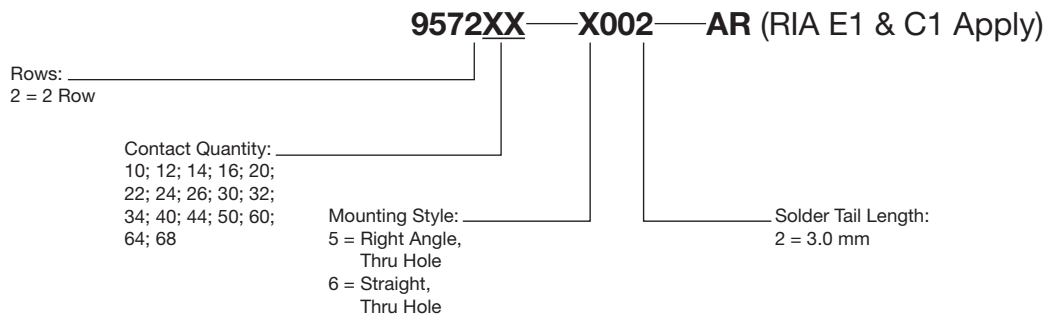
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n = No. of Contacts

Tolerance Unless Noted [mm]				
<b>Nominal Size</b>	0.5-3	3-6	6-30	30-120
<b>Linear Dim</b>	+/- 0.1	+/- 0.1	+/- 0.2	+/- 0.3
<b>Radii</b>	+/- 0.2	+/- 0.5	+/- 1	+/- 1

## Ordering Information



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Sheet 2 of 2

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