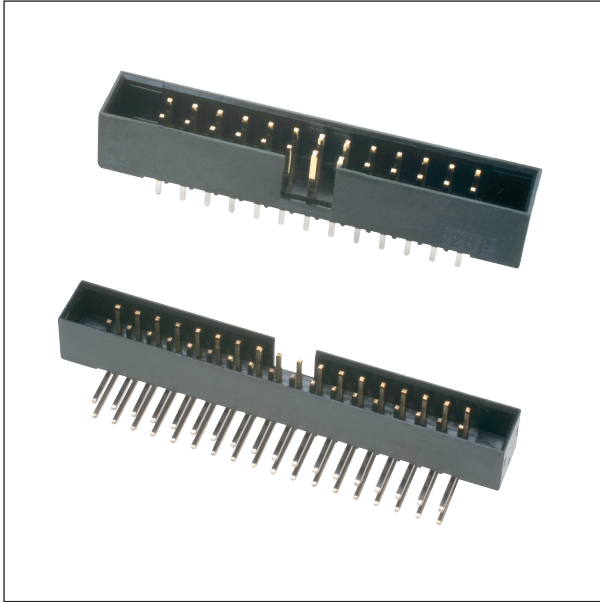


# 3M™ Box Header

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

TS-2174-D  
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<sub>DC</sub>  
**Withstanding Voltage:** 1000 V<sub>DC</sub>  
**Transition Resistance:**  $\leq 20$  mOhm

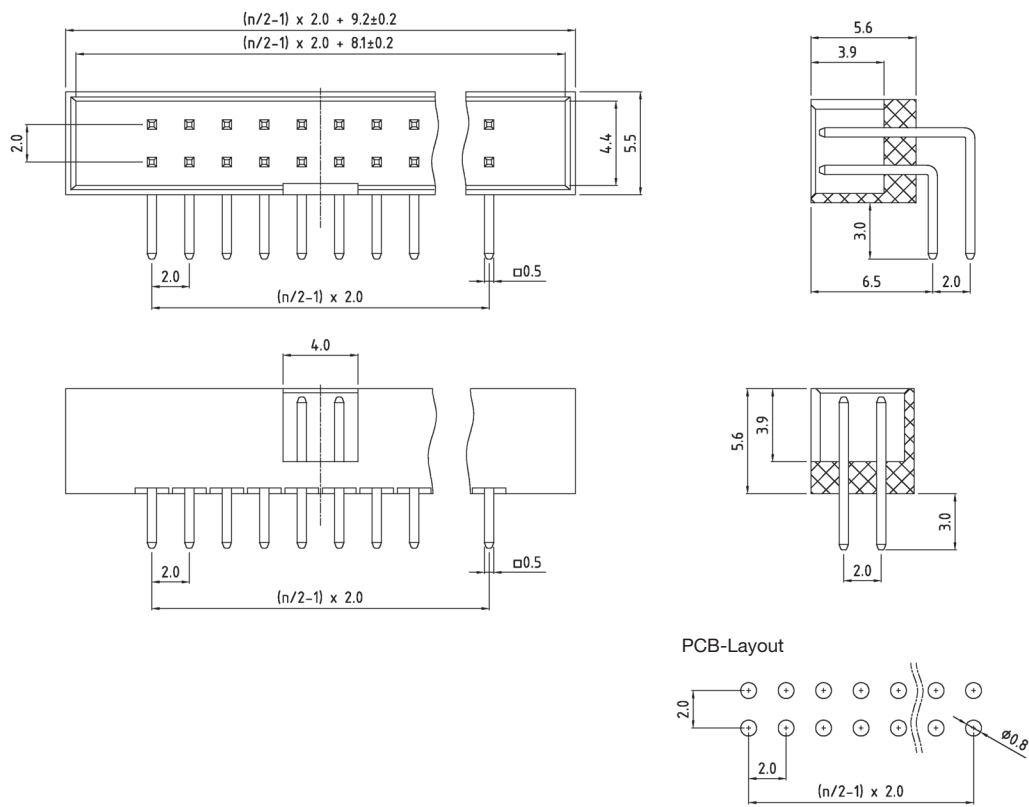
## Environmental

**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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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

**9572XX** — **X002** — **AR** (RIA E1 & C1 Apply)

Rows: \_\_\_\_\_  
2 = 2 Row

Contact Quantity: \_\_\_\_\_  
10; 12; 14; 16; 20;  
22; 24; 26; 30; 32;  
34; 40; 44; 50; 60;  
64; 68

Mounting Style: \_\_\_\_\_  
5 = Right Angle,  
Thru Hole  
6 = Straight,  
Thru Hole

Solder Tail Length: \_\_\_\_\_  
2 = 3.0 mm

TS-2174-D  
Sheet 2 of 2

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