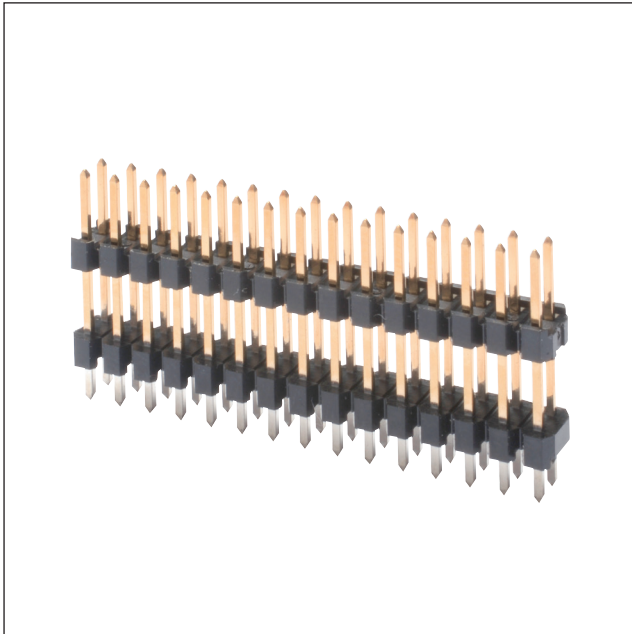


3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Dual Insulator, Straight, Solder Tail

961 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- End stackable feature
- Single- and dual row version
- 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

TS-2185-C
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 [50–100 μ''] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [40–118 μ''] Matte Tin

Electrical

Current Rating: 2 A
Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 V_{DC}
Withstanding Voltage: 1000 V_{DC}

Environmental

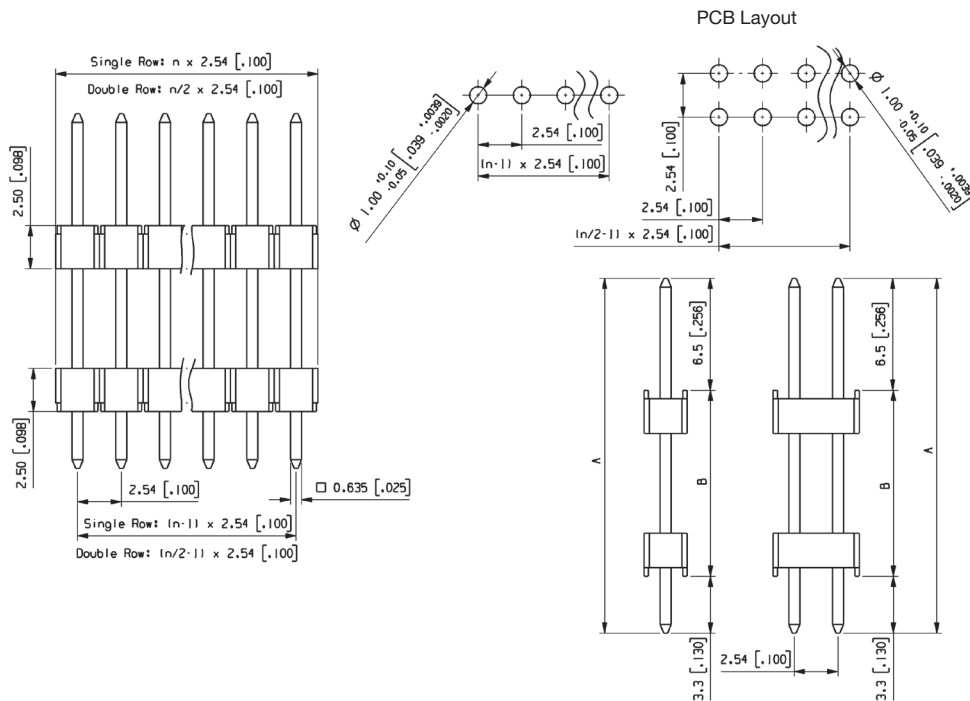
Temperature Range: -25 °C to +105 °C
Processing Temperature: max. 260 °C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Dual Insulator, Straight, Solder Tail

961 Series



| Contact Dimensions | | |
|--------------------|-------------|-------------|
| Coding No. | A | B |
| 03 | 18.5 [.73] | 8.7 [.34] |
| 18 | 20.6 [.81] | 10.8 [.42] |
| 12 | 22.4 [.88] | 12.6 [.50] |
| 06 | 23.6 [.93] | 13.8 [.54] |
| 07 | 25.7 [1.01] | 15.9 [.62] |
| 08 | 27.5 [1.08] | 17.7 [.69] |
| 13 | 29.8 [1.17] | 20.0 [.79] |
| 14 | 31.6 [1.24] | 21.8 [.86] |
| 15 | 38.4 [1.51] | 28.6 [1.13] |
| 16 | 41.6 [1.64] | 31.8 [1.25] |
| 17 | 46.1 [1.81] | 36.3 [1.43] |



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

9614XX — **X04XX04** — **AR** (RIA E1 & C1 Apply)

Contact Quantity:
02-36 Pins / 1 Row
04-72 Pins / 2 Row

Rows:
8 = 2 Row
9 = 1 Row

Board Stacking Height:
Dim 'B'

TS-2185-C
Sheet 2 of 2

Important Notice

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