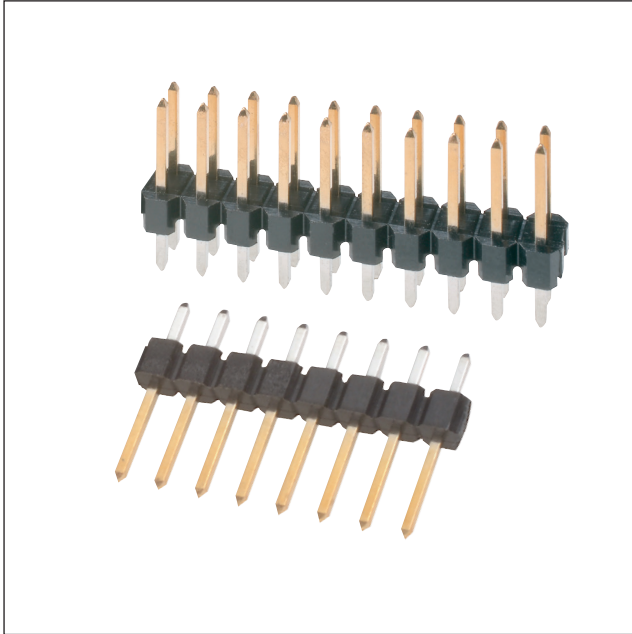


3M™ Pin Strip Header

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

961 Series



- High temperature dielectric
- “No lead” wave and reflow solder compatible
- End stackable feature
- Single and dual row
- 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 26, 2012

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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)

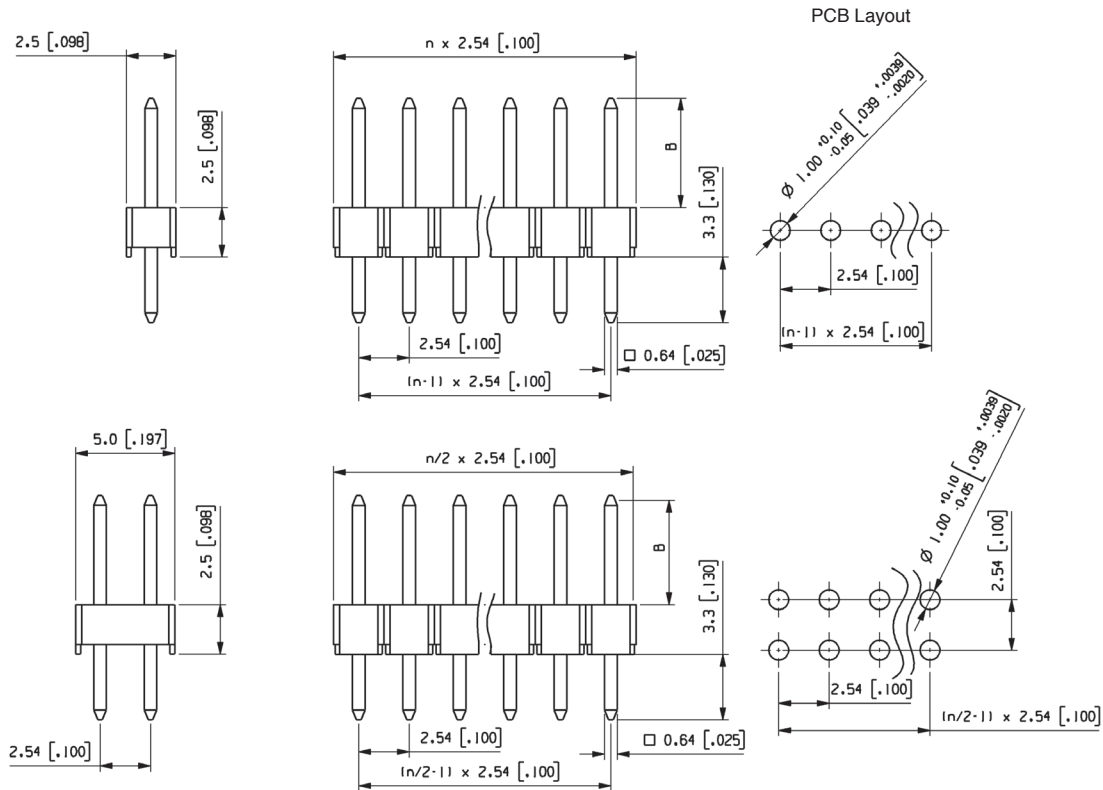
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

3M™ Pin Strip Header

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

961 Series



... 1.00 ± 0.05 [.039 ± .002]

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

961XXX—6X04—AR (RIA E1 & C1 Apply)

Rows:
1 = 1 Row
2 = 2 Row

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

Mating Pin Length:
Dim 'B':
4 = 5.5 mm [.22]
8 = 6.8 mm [.27]

TS-2181-C
Sheet 2 of 2

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