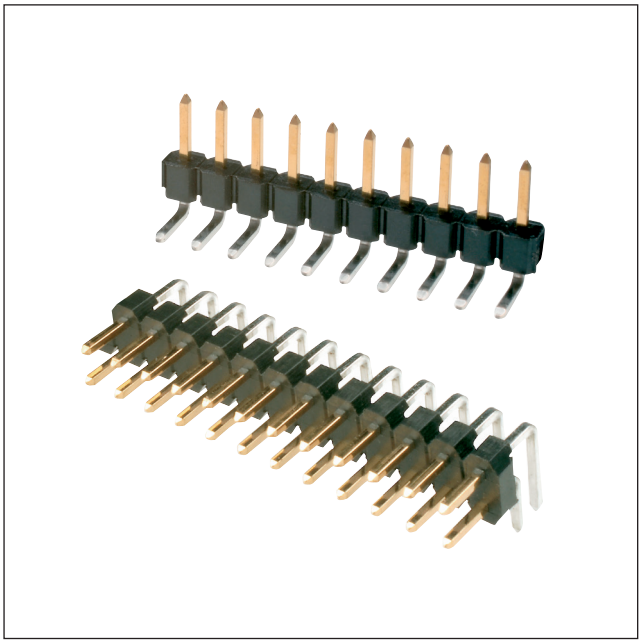
3M™ Pin Strip Header

2.54 mm and 2.54 mm x 2.54 mm, Right Angle, Solder Tail — 961 Series



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

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 x 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

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For technical, sales or ordering information
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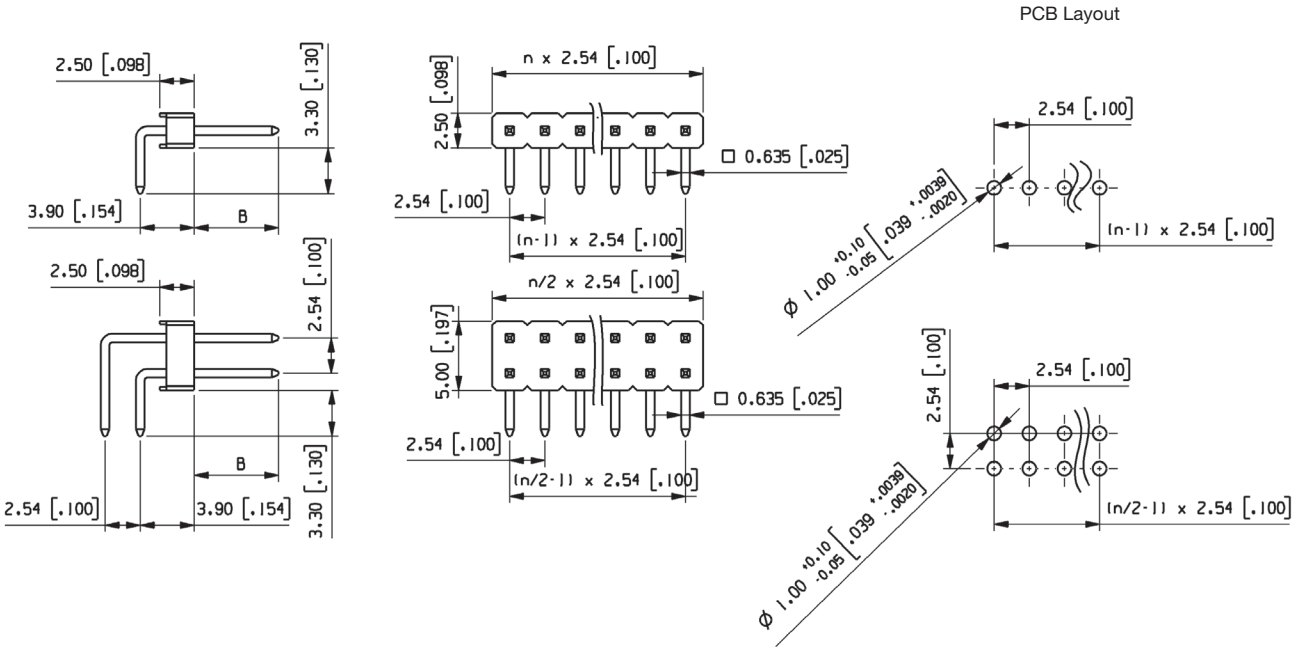

n = No. of Contacts

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

961XXX — 5X04 — 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'
6 = 6.1 mm [.24]
8 = 6.9 mm [.27]

TS-2182-C
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