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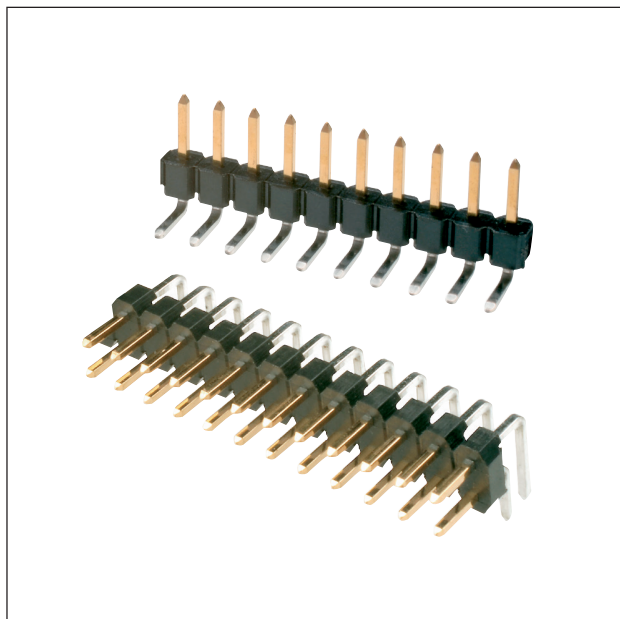
[3M](#)
[961102-5604-AR](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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

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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

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PCB Layout

$\phi 1.00^{+0.10}_{-0.05}$ [0.39 - 0.020]

$\phi 1.00^{+0.10}_{-0.05}$ [0.39 - 0.020]

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]

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