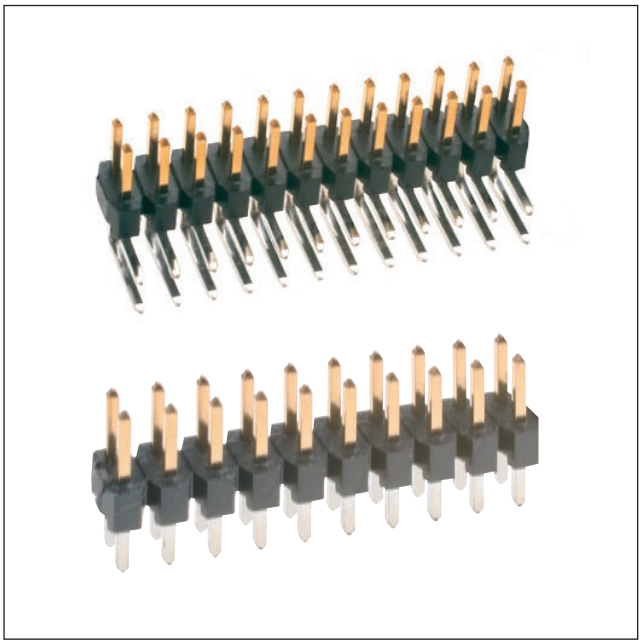
3M™ Pin Strip Header

2 mm and 2 mm x 2 mm Straight and Right Angle, Solder Tail 951 Series



- High temperature dielectric
- "No lead" wave and reflow solder compatible
- Maximizes use of PC board space
- End stackable feature
- 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 19, 2014

Physical

Insulation	
Material:	High Temperature Thermoplastic
Flammability:	UL 94V-0
Color:	Black
Contact	
Material:	Copper Alloy
Plating	
Underplating:	1.25–2.5 µm [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 x 10^8 Ohm at 100 V_{DC}
Withstanding Voltage:	1000 V_{DC}
Transition Resistance:	≤ 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)

UL File No.: E68080

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For technical, sales or ordering information
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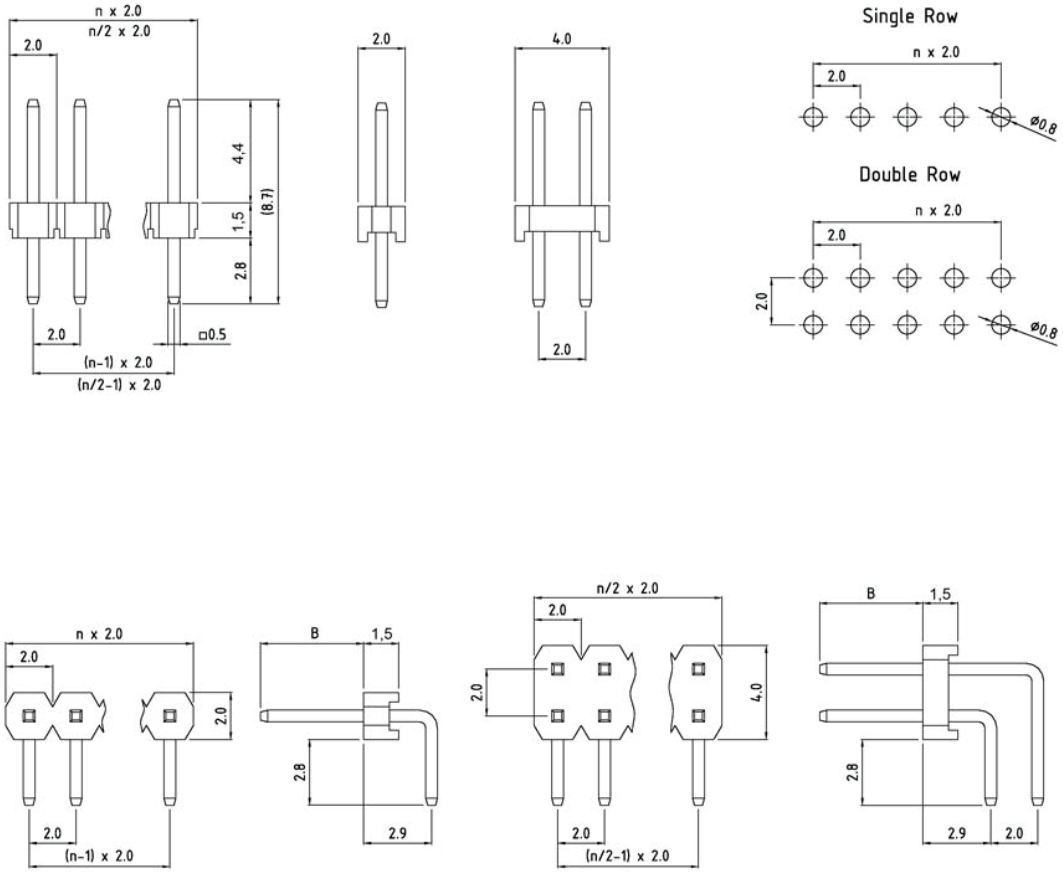

n = No. of Contacts

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

951XXX — XX22 — AR (RIA E1 & C1 Apply)

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
02-40 Pins / 1 Row
04-80 Pins / 2 Row

Mounting Style:
8 = Vertical, Solder Tail
7 = Right Angle, Solder Tail

Mating Pin Length
Dimension B:
6 = 4.4 mm
7 = 7.5 mm
(for Right Angle only)

TS-2156-E
Sheet 2 of 2

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