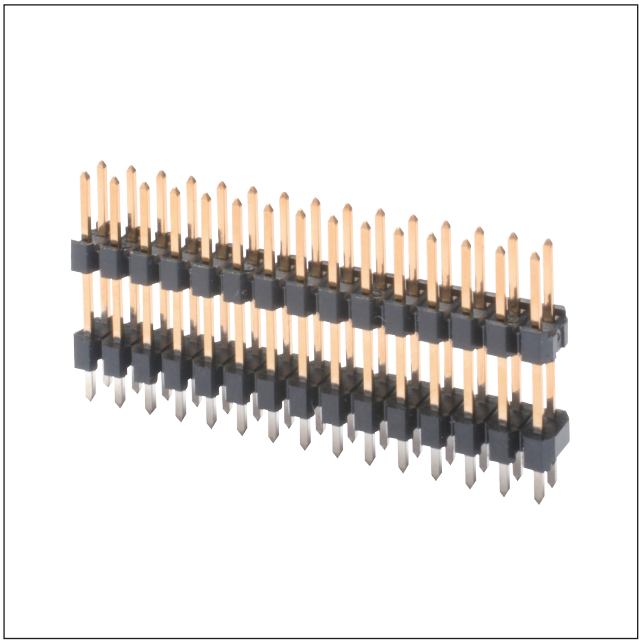
3M™ Pin Strip Header

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

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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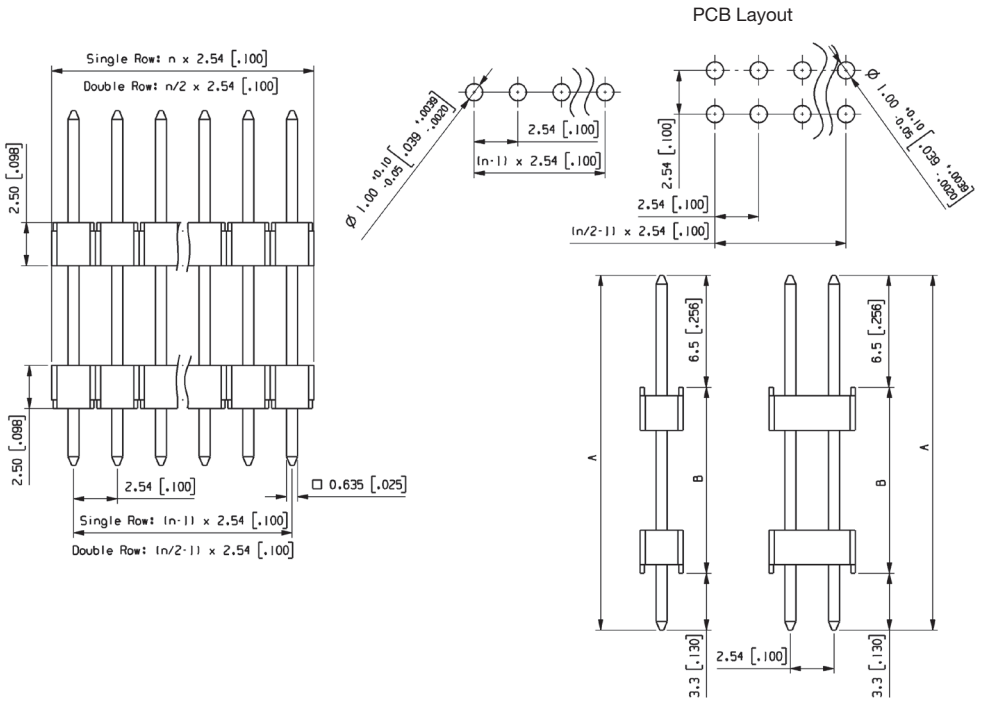

Contact Dimensions		
Coding No.	**A**	**B**
03	18.5 [.73]	8.7 [.34]
18	20.6 [.81]	10.8 [.42]
12	22.4 [.88]	12.6 [.50]
06	23.6 [.93]	13.8 [.54]
07	25.7 [1.01]	15.9 [.62]
08	27.5 [1.08]	17.7 [.69]
13	29.8 [1.17]	20.0 [.79]
14	31.6 [1.24]	21.8 [.86]
15	38.4 [1.51]	28.6 [1.13]
16	41.6 [1.64]	31.8 [1.25]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

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