

3M™ Pin Strip Header

2 mm x 2 mm Dual Insulator, Straight, Surface Mount

951 Series



- High temperature dielectric
- “No lead” reflow solder compatible
- Maximizes use of PC board space
- End stackable feature
- Mates with boardmount 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

TS-2159-D
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 [100 μm] Nickel
Wiping Area: Flash Gold
Solder Tail Area: 1–3 μm [40–118 μm] Matte Tin

Electrical

Current Rating: 1 A
Insulation Resistance: $> 5 \times 10^8$ Ohm at 100 V_{DC}
Withstanding Voltage: 1000 V_{DC}
Transition Resistance: ≤ 20 mOhm

Environmental

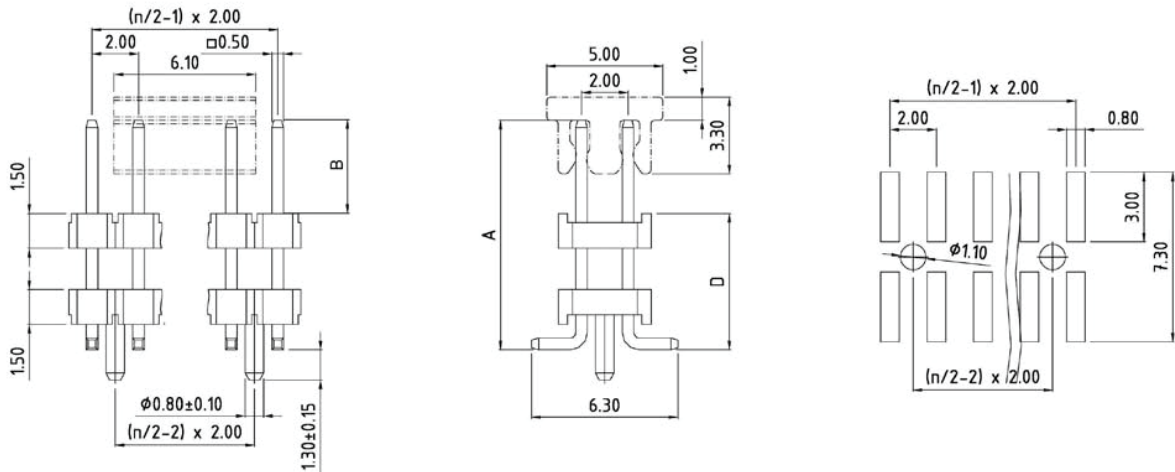
Temperature Range: -40 °C to +105 °C
Processing Temperature: max. 260°C (Profile per J-STD-020C)
Moisture Sensitivity Level: 1 (per J-STD-020C)

UL File No.: E68080

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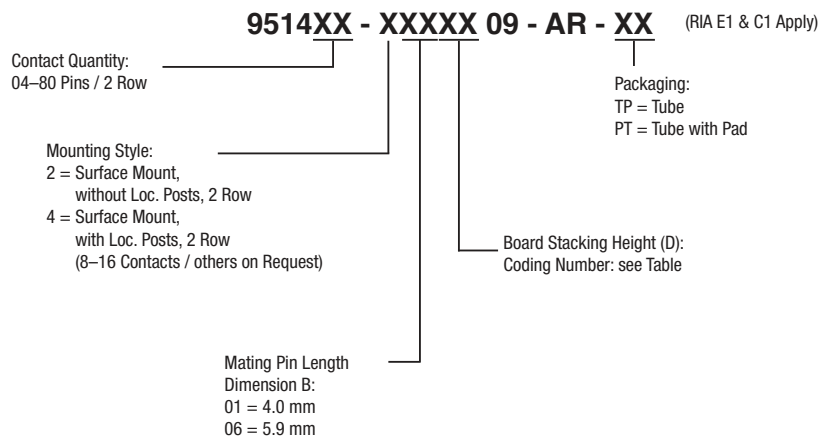
Contact Dimensions			
Coding No.	A	Mating Length	D
13	9.9	4.0	5.9
14	10.7	4.0	6.7
16	11.9	4.0	7.9
17	12.4	4.0	8.4
20	15.4	4.0	11.4
23	17.4	4.0	13.4
Others on Request			

Contact Dimensions			
Coding No.	A	Mating Length	D
13	11.8	5.9	5.9
14	12.6	5.9	6.7
16	13.8	5.9	7.9
17	14.3	5.9	8.4
20	17.3	5.9	11.4
23	19.3	5.9	13.4
Others on Request			

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



Note: Pad options 8 to 80 pos.

TS-2159-D
 Sheet 2 of 2

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