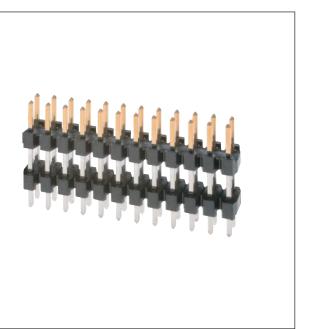
## 3M<sup>™</sup> Pin Strip Header

2 mm and 2 mm x 2 mm Dual Insulator, Straight, Solder Tail

951 Series



- High temperature dielectric
- "No lead" wave and reflow solder compatible
- Optimizes use of PC board space
- End stackable feature
- Side stackable feature
- 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 27, 2012

TS-2160-C 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 [50-100 μ"] Nickel

Wiping Area: Flash Gold

Solder Tail Area: 1–3 μm [40–118 μ"] Matte Tin

#### Electrical

Current Rating: 1 A

**Insulation Resistance:**  $> 5 \times 10^8$  Ohm at  $100 \text{ V}_{DC}$ 

Withstanding Voltage:  $1000 \text{ V}_{DC}$ Transition Resistance:  $\leq 20 \text{ mOhm}$ 

#### **Environmental**

**Temperature Range:** -40 °C to +105 °C

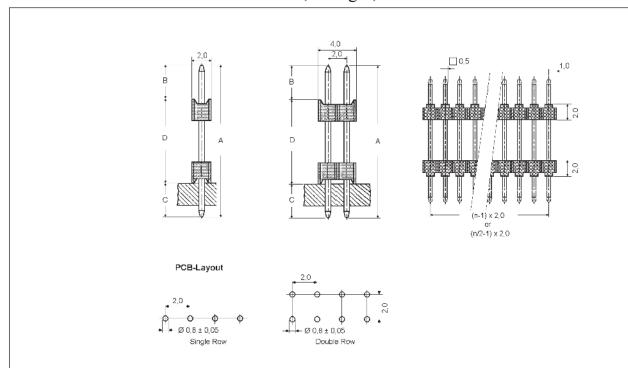
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)

**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

2 mm and 2 mm x 2 mm Dual Insulator, Straight, Solder Tail

951 Series

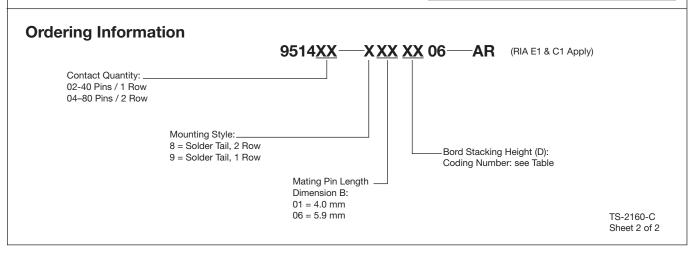


Contact Dimensions							
Coding No.	A	Mating Length B	C	D			
08	10.8	4.0	2.8	4.0			
11	11.9	4.0	2.8	5.1			
15	14.3	4.0	2.8	7.5			
19	16.5	4.0	2.8	9.7			
22	18.6	4.0	2.8	11.8			
25	21.2	4.0	2.8	14.4			
Others on Request							

<b>Contact Dimensions</b>							
Coding No.	A	Mating Length B	C	D			
08	12.7	5.9	2.8	4.0			
11	13.8	5.9	2.8	5.1			
15	16.2	5.9	2.8	7.5			
19	18.4	5.9	2.8	9.7			
22	20.5	5.9	2.8	11.8			
25	23.1	5.9	2.8	14.4			
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			



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