



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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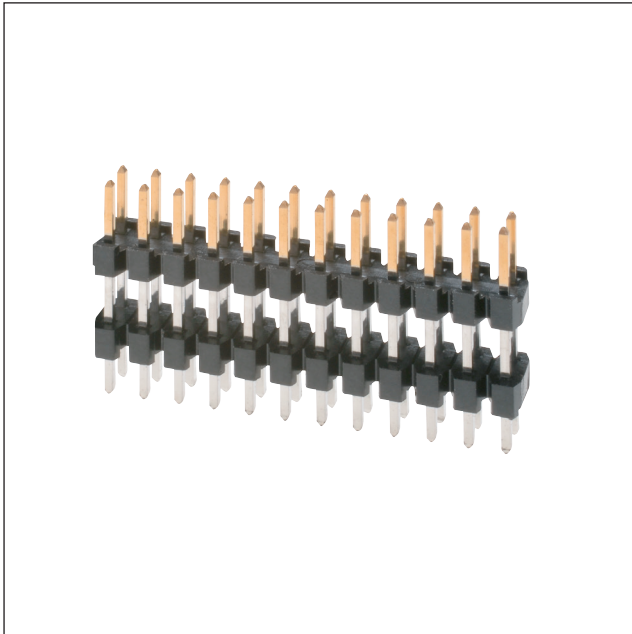
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# 3M™ 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](http://www.3Mconnectors.com) for compliance information (RIA E1 & C1 apply)

Date Modified: November 27, 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  $\mu\text{m}$  [50–100  $\mu''$ ] Nickel  
Wiping Area: Flash Gold  
Solder Tail Area: 1–3  $\mu\text{m}$  [40–118  $\mu''$ ] Matte Tin

## Electrical

**Current Rating:** 1 A  
**Insulation Resistance:**  $> 5 \times 10^8$  Ohm at 100 V<sub>DC</sub>  
**Withstanding Voltage:** 1000 V<sub>DC</sub>  
**Transition Resistance:**  $\leq 20$  mOhm

## Environmental

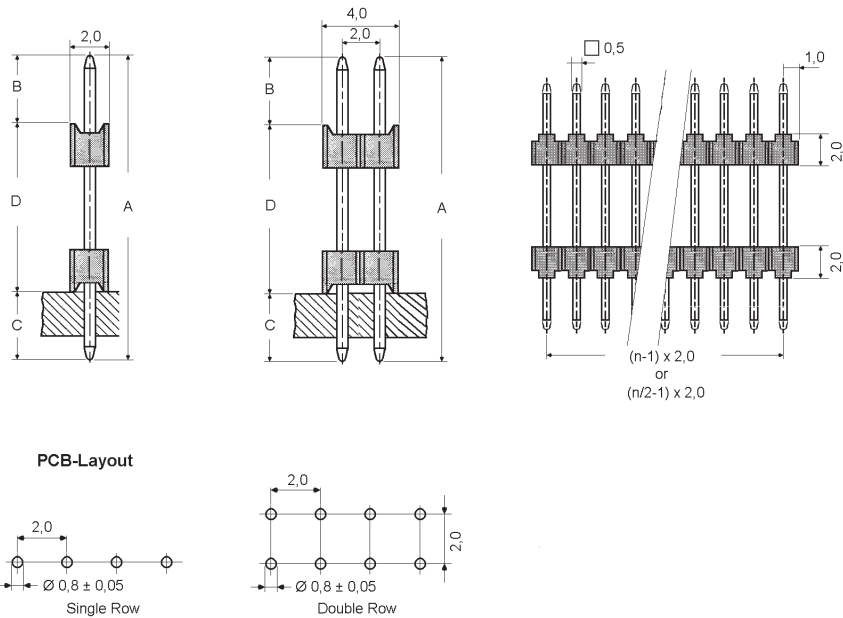
**Temperature Range:** -40 °C to +105 °C  
**Processing Temperature:** max. 260 °C (Profile per J-STD-020C)  
**Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080

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Contact Dimensions				
Coding No.	A	Mating Length 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				

Contact Dimensions				
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

## Ordering Information

**9514XX — XXX XX 06 — AR** (RIA E1 & C1 Apply)

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

Mounting Style:  
8 = Solder Tail, 2 Row  
9 = Solder Tail, 1 Row

Mating Pin Length  
Dimension B:  
01 = 4.0 mm  
06 = 5.9 mm

Bord Stacking Height (D):  
Coding Number: see Table

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