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3M Worldwide : United States : Electronics Manufacturing

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 - Product Catalog for Electronic Specialty Markets
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 - 3M™ Breadboards & Test Clips
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Product Catalog for Electronic Specialty Markets > 3M[™] Copper Interconnects > Headers > Pin Strip, .100 in x .100 in, 929 Series > Pin Strip Header, .100" x .100", .318" Straight & Right Angle >

36 contacts, .100" x .100", Tail Length .410", 10μ" gold plating.

Printer-friendly format 3M™ .100 in. Pin Strip Header (.318 Mating Length), Straight, Gold Plating, 929715-03-36-I



[click to enlarge]

GTIN(UPC/EAN): 0 00 54007 81382 8

3M Id: 80-6200-4406-7

Additional Information

Packaging Data 3M™PinStripHdr,.100"&.100"x.100",929 Series,TS0769 Data Sheet (PDF 338.2 K) Please Note: Adobe® Acrobat® Reader is required to view PDF documents.

Characteristics

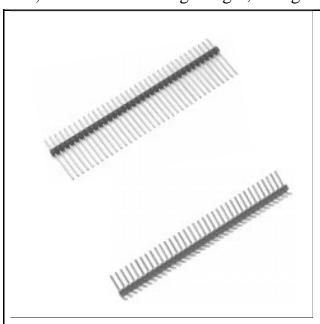
China RoHS - Below MCV	Yes	
Contact Material	Copper Alloy	
Contact Termination Area Plating	None	
Contact Underplating	50 μ" [1.27 μm] Nickel	
Contact Wiping Area Plating	10 μ" [0.25 μm] Gold	
Current Rating	2.5 Ampere	
Dual Insulator	No	
EPC Can View	Public	
EU RoHS Compliant	Yes	
Insulation Color	Black	
Insulation Flammability Rating	UL 94V-0	
Insulation Material	Glass Filled Polyester (PBT)	
Insulation Resistance	>5 X 10^9 Ohms @ 500 Vdc	

Interface Grid	.100"		
Interface Style	Pin Strip (Unshrouded Header)		
Markings	None		
Mounting Option	Mounting Flanges - 4-40 Threaded		
Non-Operating Temperature	-40 to 105 Degree Celsius		
Number of Contact Rows	2		
Number of Contacts	36		
Orientation	Horizontal		
Pitch	0.100 Inch		
Polarization	None		
Primary Trademark Name	3M		
Separable	Yes		
Tail Length	.410 Inch		
Termination Method	Solder Tail		
Termination Style	Printed Circuit Board		
Withstanding Voltage	1500 Vrms at Sea Level		

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.100", .235"/.318" Mating Length, Straight & Right Angle, Solder Tails

929 Series



- Stackable
- Tin Lead or gold plating available
- Solder stand-offs facilitate production wave soldering
- Board pin retention feature available
- See Regulatory Information Appendix (RIA) for chemical compliance information

Date Modified: August 13, 2007

TS-0769-B Sheet 1 of 5

Physical

Insulation

Material: Glass Filled Polyester (PBT) or High Temperature (PCT)

Flammability: UL 94V-0 Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: 50μ " [1.27 μ m] Nickel Wiping Area and Solder Tails: See ordering information

Marking: None

Electrical

Current Rating: 2.5 A

Insulation Resistance: $> 5 \times 10^9 \Omega$ at 500 V_{DC} Withstanding Voltage: 1500 V_{RMS} at Sea Level

Environmental

Temperature Rating: -40° C to $+105^{\circ}$ C

Process Rating: 260°C (per J-STD-020C) for PCT parts only

(PBT insulator version), maximum insulator temperature 191°C

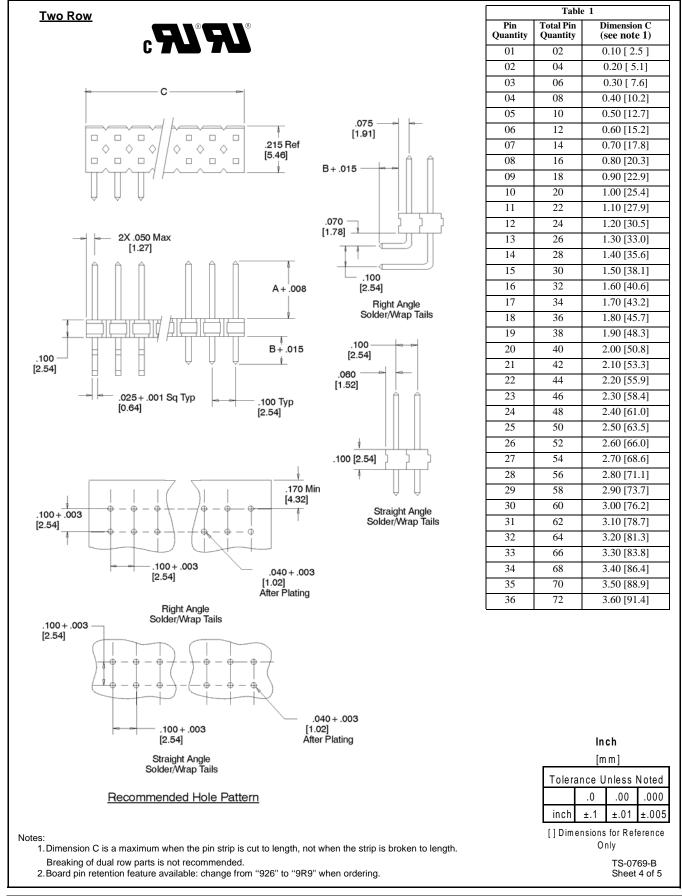
(Solder Wave Process Only)

Moisture Sensitivity Level: 1 (per J-STD-020C) for PCT parts only

UL File No.: E68080

.100", .235"/.318" Mating Length, Straight & Right Angle, Solder Tails

929 Series



.100", .235"/.318" Mating Length, Straight & Right Angle, Solder Tails

929 Series

Two Row

Plating Number Code A B	Table 2							
Plating Number Code A B			Tail	Dimensions				
Gold 929715 Straight 01 0.235 [5.97] 0.110 [2.79] 0.145 [3.68] 0.210 [5.33] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.125 [3.18] 0.10 [2.79] 0.125 [3.18] 0.10 [2.79] 0.145 [3.68] 0.175 [4.45] 0.10 [2.79] 0.145 [3.68] 0.10 [2.79] 0.145 [3.68] 0.10 [2.79] 0.145 [3.68] 0.10 [2.79] 0.145 [3.68] 0.10 [2.79] 0.145 [3.68] 0.210 [5.33] 0.235 [5.97] 0.145 [3.68] 0.210 [5.33] 0.235 [5.97] 0.145 [3.68] 0.210 [5.33		3M Part	Length					
Gold 09 0.145 [3.68] 929665 08 0.235 [5.97] 0.310 [7.87] 04 03 0.410 [10.41] 0.510 [12.95] 05 0.610 [15.49] 0.110 [2.79] 01 0.318 [8.08] 0.125 [3.18] 0.10 [10.41] 0.710 [18.03] 06 0.235 [5.97] 0.145 [3.68] 929667 01 0.235 [5.97] 0.145 [3.68] Angle 02 0.235 [5.97] 0.145 [3.68] 929745 01 0.318 [8.08] 0.110 [2.79] Right 02 0.318 [8.08] 0.110 [2.79] 929836 02 0.235 [5.97] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 04 0.235 [5.97] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 05 0.610 [15.49] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.125 [3.18] 0.125 [3.18] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.125 [3.18] 0.175 [4.45] 0.210 [5.33] 0.175 [4.	Plating	Number	Code	Α	В			
Gold 929665 Straight 02 08 08 04 04 05 05 05 06 06 06 06 06 07 0710 [2.79] 0.318 [8.08] 0.235 [5.97] 0.210 [5.33] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.110 [2.79] 0.125 [3.18] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 0.110 [2.79] 929667 Right Angle 01 02 02 02 02 0.405 [10.29] 0.405 [10.29] 0.405 [10.29] 0.405 [10.29] 0.405 [10.29] 929745 Right 01 02 0.318 [8.08] 0.110 [2.79] 0.405 [10.29] 929836 Straight 02 0.235 [5.97] 0.110 [2.79] 0.110 [2.79] 0.145 [3.68] 02 0.235 [5.97] 0.310 [7.87] 0.405 [10.29] 01 02 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [5.33] 0.210 [2.79] 0.310 [7.87] 0.410 [10.41] 0.510 [2.79] 05 05 05 0.610 [15.49] 0.318 [8.08] 0.125 [3.18] 0.145 [3.68] 01 03 06 0710 [18.03] 0.318 [8.08] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 Right 01 0.235 [5.97] 0.145 [3.68] 0.110 [2.79]			01		0.110 [2.79]			
Gold Straight 03 0.235 [5.97] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.110 [2.79] 0.125 [3.18] 0.710 [18.03] 0.929745 01 0.318 [8.08] 0.110 [2.79] 0.405 [10.29] 0.295 [5.97] 0.405 [10.29] 0.110 [2.79] 0.125 [3.68] 0.235 [5.97] 0.145 [3.68] 0.235 [5.97] 0.145 [3.68] 0.235 [5.97] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 0.299838 01 0.235 [5.97] 0.110 [2.79] 0.110 [2			09	0.235 [5.97]	0.145 [3.68]			
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Gold 929715 11			04		0.510 [12.95]			
Gold 929715 11			05		0.610 [15.49]			
Gold 929715 Straight 10 03 0.318 [8.08] 0.175 [4.45] 0.410 [10.41] 929667 Right Angle 01 02 02 02 02 02 02 02 03 03 03 03 03 03 04 02 02 03 03 03 04 05 05 05 06 07 03 03 03 03 03 03 03 03 03 03 03 03 03			01		0.110 [2.79]			
Straight 10	Gold	020715	11		0.125 [3.18]			
Tin 03	Gold		10	0.318 [8.08]	0.175 [4.45]			
Page 1		Otraignt	03		0.410 [10.41]			
Right Angle 04 0.235 [5.97] 0.145 [3.68] 929745 Right 01 0.318 [8.08] 0.405 [10.29] 929836 Straight 01 09 09 0.145 [3.68] 0.210 [5.33] 03 04 05 05 05 05 05 05 05 05 05 10 06 05 05 06 06 06 06 06 06 06 06 06 06 06 06 06			06					
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Right 02 0.318 [8.08] 0.405 [10.29] 929836 Straight 09 02 08 08 08 03 04 04 05 05 05 05 05 06 01 01 01 01 01 01 01 01 01 01 01 01 01		Angle	02	02	0.405 [10.29]			
Tin Page 101 929836 Straight 01 09 02 02 03 02 0.235 [5.97] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.110 [2.79] 0.110 [2.79] 0.110 [2.79] 0.115 [3.68] 0.145 [3.68] 0.145 [3.68] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 Right 04 0.235 [5.97] 0.10 [2.79] 0.115 [3.68]		929745	01	0.318 [8.08]	0.110 [2.79]			
Tin 929836 Straight 03 0.235 [5.97] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.115 [3.68] 0.210 [5.33] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 0.235 [5.97] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03]		Right	02		0.405 [10.29]			
Tin 929836 Straight 08 0.235 [5.97] 0.210 [5.33] 0.310 [7.87] 0.410 [10.41] 0.510 [12.95] 0.610 [15.49] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 0.235 [5.97] 0.145 [3.68] 0.145 [3.68]			01	0.235 [5.97]	0.110 [2.79]			
Tin			09		0.145 [3.68]			
Tin			02		0.210 [5.33]			
Tin 03 04 04 0.510 [12.95] 05 0.610 [15.49] 0.110 [2.79] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 0.235 [5.97] 0.145 [3.68]			80		0.310 [7.87]			
Tin 05 0.610 [15.49] 01 11 929710 09 Straight 10 0.318 [8.08] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 Right 04 0.235 [5.97] 0.610 [15.49] 0.110 [2.79]			03		0.410 [10.41]			
Tin 929710 929710 Straight 10 0.318 [8.08] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 Right 04 0.235 [5.97] 0.145 [3.68]	Tin		04		0.510 [12.95]			
11 929710 09 0.318 [8.08] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 0.235 [5.97] 0.145 [3.68]			05		0.610 [15.49]			
929710 09 0.318 [8.08] 0.125 [3.18] 0.145 [3.68] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 0.929838 01 0.195 [3.68] 0.145 [3.68] 0.110 [2.79] 0.145 [3.68]			01	0.318 [8.08]	0.110 [2.79]			
Straight 10 0.318 [8.08] 0.175 [4.45] 0.410 [10.41] 0.710 [18.03] 929838 01 0.235 [5.97] 0.145 [3.68]	1111		11		0.125 [3.18]			
929838 01 0.235 [5.97] 0.145 [3.68]		929710	09		0.145 [3.68]			
929838 01 0.235 [5.97] 0.145 [3.68]		Straight	10		0.175 [4.45]			
929838 01 0.110 [2.79] Right 04 0.235 [5.97] 0.145 [3.68]			03		0.410 [10.41]			
Right 04 0.235 [5.97] 0.145 [3.68]			06		0.710 [18.03]			
		929838	01	0.235 [5.97]	0.110 [2.79]			
Angle 02 0.405 [10.29]		Right	04		0.145 [3.68]			
		Angle	02		0.405 [10.29]			

