

3M Worldwide : United States : Electronics Manufacturing

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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", .235" Straight & Right Angle >

Printer-friendly format 3M™ .100 in. Pin Strip Header (.235/.318 Mating Length), Right Angle, Gold Plating, 929667-02-36-I
36 contacts, .100" x .100", Tail Length .210", 10μ" gold plating.



[click to enlarge]

GTIN(UPC/EAN): 0 00 54007 80985 2

3M Id: 80-6200-2903-5

Additional Information

Learn More		
Packaging Data		

Characteristics

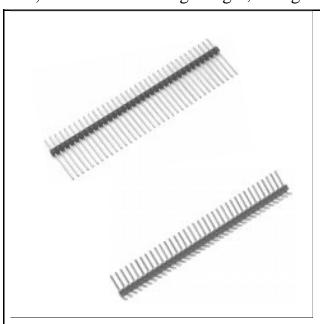
China RoHS - Below MCV	Yes
Contact Material	Copper Alloy
Contact Termination Area Plating	None
Contact Underplating	50 μ" [1.27 μm] Nickel
Contact Wiping Area Plating	10 μ" [0.25 μm] Gold
Current Rating	2.5 Ampere
Dual Insulator	No
EPC Can View	Public
EU RoHS Compliant	Yes
Insulation Color	Black
Insulation 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	Vertical
Pitch	0.100 Inch
Polarization	None
Primary Trademark Name	3M
Separable	Yes
Tail Length	.405 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

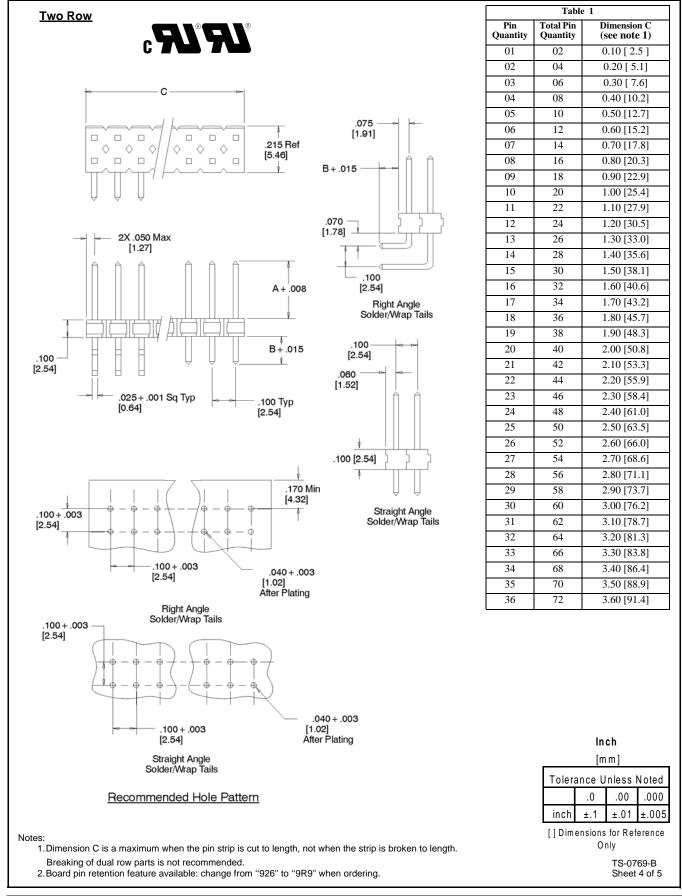
(Solder Wave Process Only)

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					
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Gold 929715 11			05		0.610 [15.49]			
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Tin 03	Gold		10	0.318 [8.08]	0.175 [4.45]			
Page 1		Otraignt	03		0.410 [10.41]			
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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]			
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929838 01 0.235 [5.97] 0.145 [3.68]			09		0.145 [3.68]			
929838 01 0.235 [5.97] 0.145 [3.68]			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]			

