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 [Printer-friendly format](#) **3M™ .100 in. Pin Strip Header (.235 Mating Length), Straight, Tin Plating, 929836-09-36**

36 contacts, .100" x .100", Tail Length .145", Tin lead plating.



[\[click to enlarge\]](#)

3M Id : 80-6200-7431-2

Additional Information

Learn More . . .

[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.

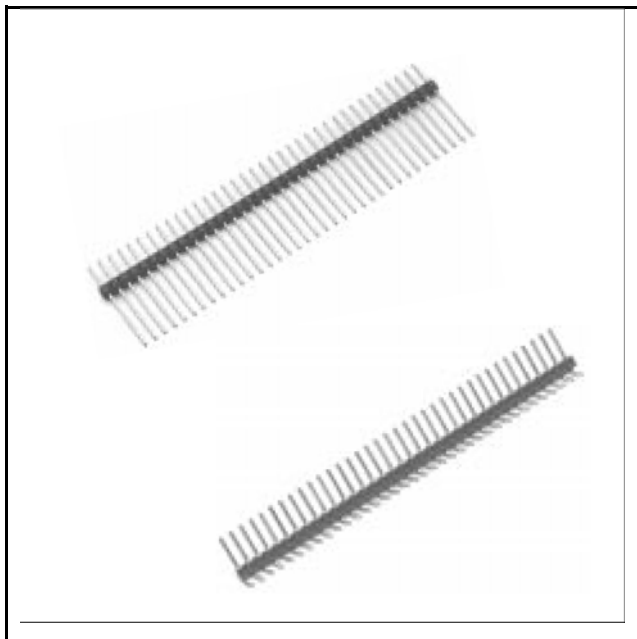


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3M™ Pin Strip Header

.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

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Physical

Insulation

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

Flammability: UL 94V-0

Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: 50 μ" [1.27 μm] 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°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

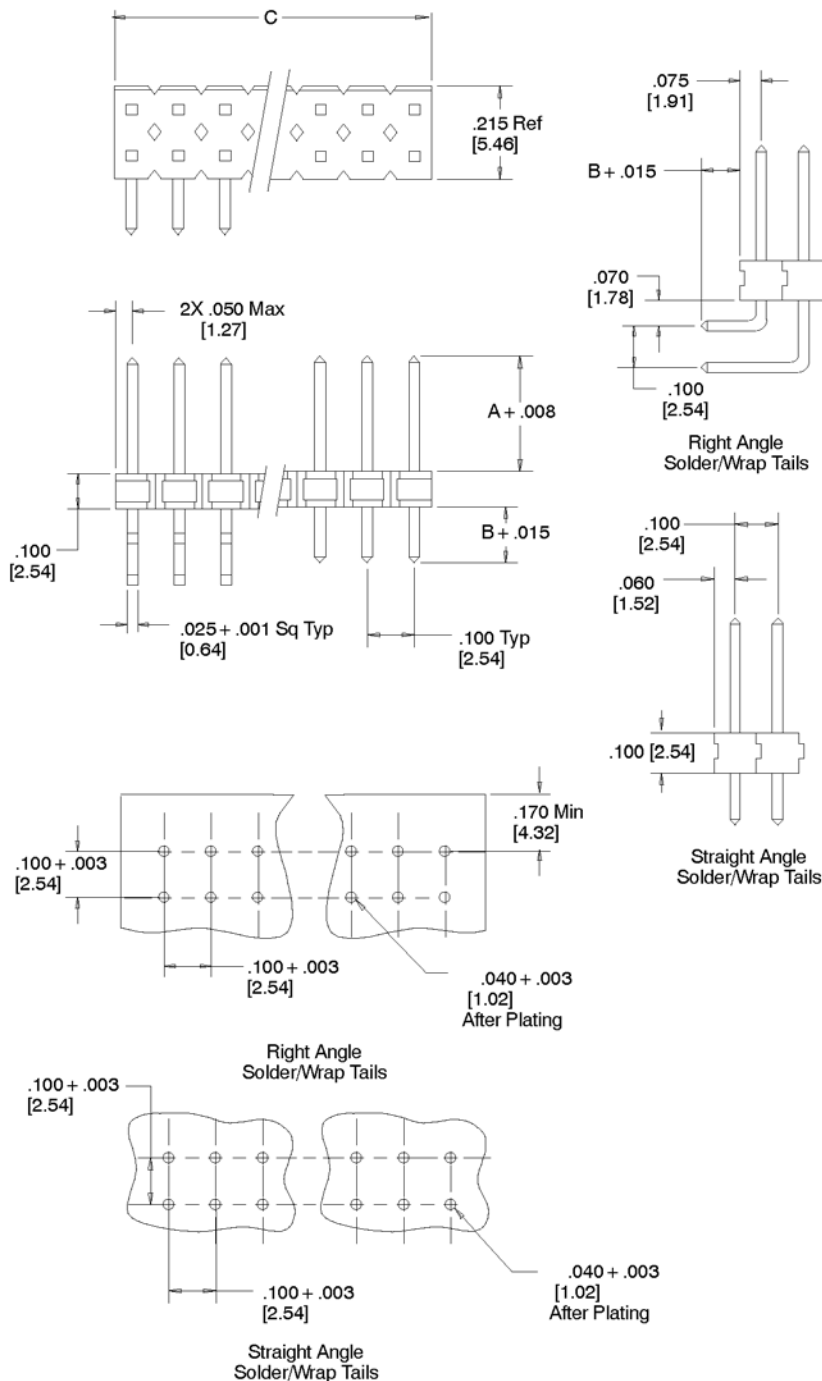
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3M™ Pin Strip Header

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

929 Series

Two Row



Recommended Hole Pattern

Pin Quantity	Total Pin Quantity	Dimension C (see note 1)
01	02	0.10 [2.5]
02	04	0.20 [5.1]
03	06	0.30 [7.6]
04	08	0.40 [10.2]
05	10	0.50 [12.7]
06	12	0.60 [15.2]
07	14	0.70 [17.8]
08	16	0.80 [20.3]
09	18	0.90 [22.9]
10	20	1.00 [25.4]
11	22	1.10 [27.9]
12	24	1.20 [30.5]
13	26	1.30 [33.0]
14	28	1.40 [35.6]
15	30	1.50 [38.1]
16	32	1.60 [40.6]
17	34	1.70 [43.2]
18	36	1.80 [45.7]
19	38	1.90 [48.3]
20	40	2.00 [50.8]
21	42	2.10 [53.3]
22	44	2.20 [55.9]
23	46	2.30 [58.4]
24	48	2.40 [61.0]
25	50	2.50 [63.5]
26	52	2.60 [66.0]
27	54	2.70 [68.6]
28	56	2.80 [71.1]
29	58	2.90 [73.7]
30	60	3.00 [76.2]
31	62	3.10 [78.7]
32	64	3.20 [81.3]
33	66	3.30 [83.8]
34	68	3.40 [86.4]
35	70	3.50 [88.9]
36	72	3.60 [91.4]

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[] Dimensions for Reference Only

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Notes:

- Dimension C is a maximum when the pin strip is cut to length, not when the strip is broken to length. Breaking of dual row parts is not recommended.
- Board pin retention feature available: change from "926" to "9R9" when ordering.

3M™ Pin Strip Header

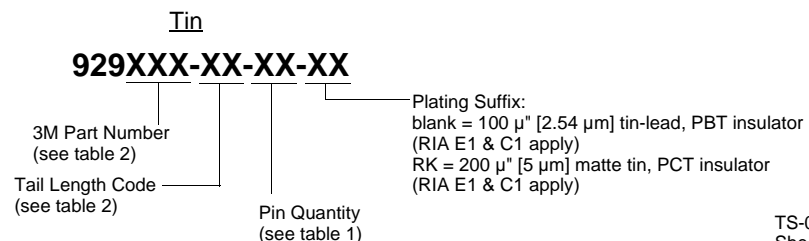
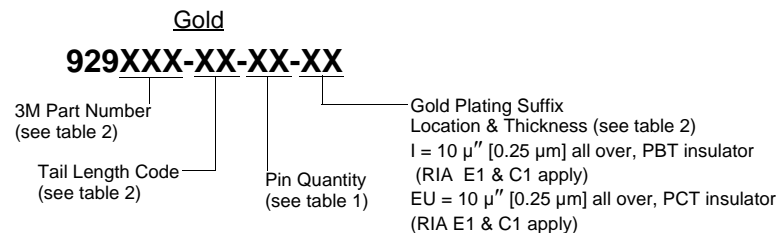
.100", .235"/.318" Mating Length, Straight & Right Angle, Solder Tails

929 Series

Two Row

Plating	3M Part Number	Tail Length Code	Dimensions		
			A	B	
Gold	929665 Straight	01	0.235 [5.97]	0.110 [2.79]	
		09		0.145 [3.68]	
		02		0.210 [5.33]	
		08		0.310 [7.87]	
		03		0.410 [10.41]	
		04		0.510 [12.95]	
		05		0.610 [15.49]	
	929715 Straight	01	0.318 [8.08]	0.110 [2.79]	
		11		0.125 [3.18]	
		10		0.175 [4.45]	
		03		0.410 [10.41]	
	929667 Right Angle	01	0.235 [5.97]	0.110 [2.79]	
		04		0.145 [3.68]	
		02		0.405 [10.29]	
	929745 Right	01	0.318 [8.08]	0.110 [2.79]	
		02		0.405 [10.29]	
	Tin	929836 Straight	01	0.235 [5.97]	0.110 [2.79]
			09		0.145 [3.68]
			02		0.210 [5.33]
			08		0.310 [7.87]
03			0.410 [10.41]		
04			0.510 [12.95]		
05			0.610 [15.49]		
929710 Straight		01	0.318 [8.08]	0.110 [2.79]	
		11		0.125 [3.18]	
		09		0.145 [3.68]	
		10		0.175 [4.45]	
		03		0.410 [10.41]	
929838 Right Angle		01	0.235 [5.97]	0.110 [2.79]	
		04		0.145 [3.68]	
		02		0.405 [10.29]	

Ordering Information



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