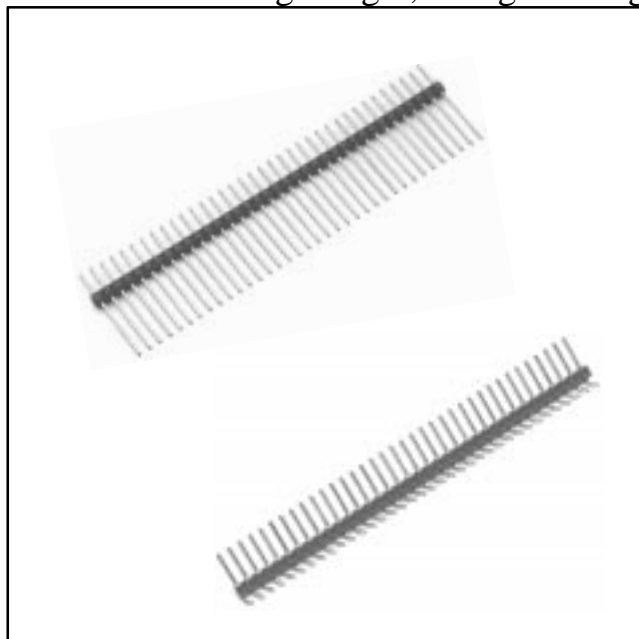


.100" and .100" × .100" Pin Strip Header

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

929 Series



- Tin lead or gold plating available
- Board pin retention feature available
- Choice of tail lengths available for solder, wire, wrap, or board stacking
- Stackable

Date Modified: February 19, 1999

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Physical

Insulation

Material: Glass Filled Polyester (PBT)
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy
Plating
Underplate: Nickel — QQ-N-290, Class 2
Wiping Area & Solder Tails: Gold — MIL-G-45204, Type II, Grade C or
100μ" [2.54μm] Tin Lead — MIL-P-81728

Note: The location and thickness of the contact plating is determined by the part number. Refer to ordering information.

Electrical

Current Rating: 2.5 A
Insulation Resistance: $>5 \times 10^9 \Omega$ at 500 VDC
Withstanding Voltage: 1500 Vrms at Sea Level

Environmental

Temperature Rating: -40°C to +105°C

UL File No.: E68080

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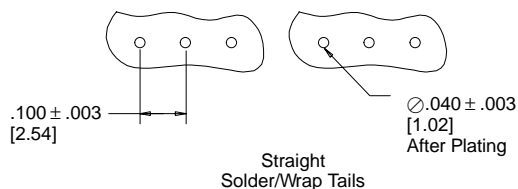
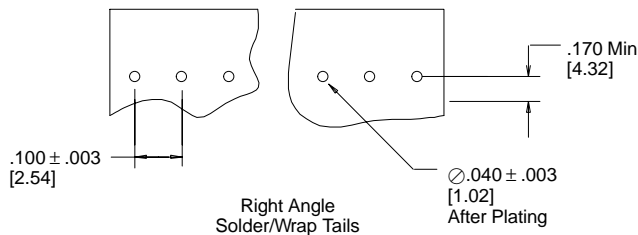
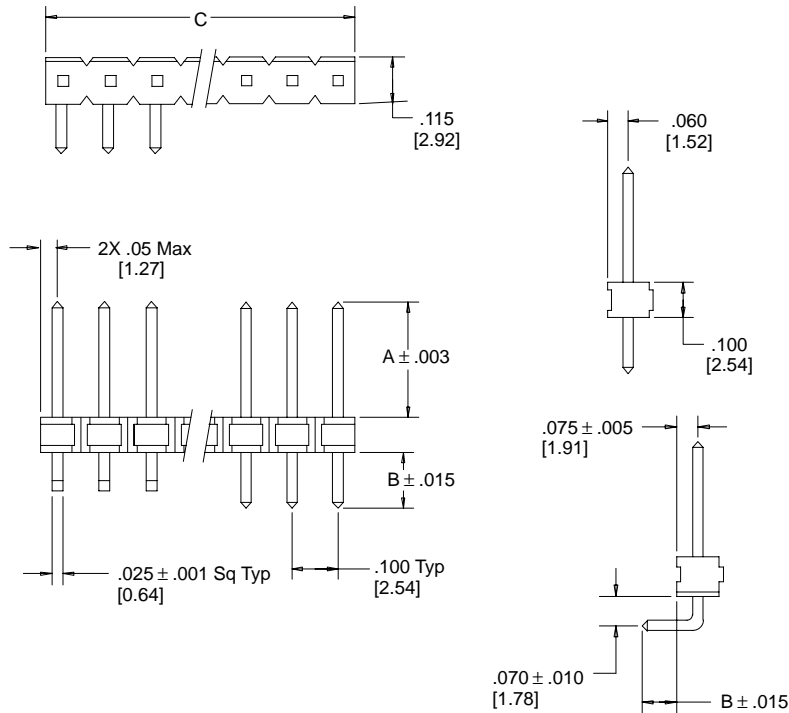
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.100" Pin Strip Header

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

929 Series

One Row



Recommended Hole Pattern

Notes:

1. Dimension C is a maximum when the pin strip is cut to length, not when the strip is broken to length.
2. Board pin retention feature available: Change from "929" to "9R9" when ordering.

Table 2

Pin Quantity	Dimension C (See Note 1)
01	0.10 [2.5]
02	0.20 [5.1]
03	0.30 [7.6]
04	0.40 [10.2]
05	0.50 [12.7]
06	0.60 [15.2]
07	0.70 [17.8]
08	0.80 [20.3]
09	0.90 [22.9]
10	1.00 [25.4]
11	1.10 [27.9]
12	1.20 [30.5]
13	1.30 [33.0]
14	1.40 [35.6]
15	1.50 [38.1]
16	1.60 [40.6]
17	1.70 [43.2]
18	1.80 [45.7]
19	1.90 [48.3]
20	2.00 [50.8]
21	2.10 [53.3]
22	2.20 [55.9]
23	2.30 [58.4]
24	2.40 [60.1]
25	2.50 [63.5]
26	2.60 [66.0]
27	2.70 [68.6]
28	2.80 [71.1]
29	2.90 [73.7]
30	3.00 [76.2]
31	3.10 [78.7]
32	3.20 [81.3]
33	3.30 [83.8]
34	3.40 [86.4]
35	3.50 [88.9]
36	3.60 [91.4]

Inch
[mm]

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

[] Dimensions for
Reference only

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Sheet 2 of 5

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.100" Pin Strip Header

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

929 Series

One Row

Table 1					
Plating	3M Part Number	Tail Length Code	Dimensions		Available Plating Suffix
			A	B	
Gold	929647 Straight	01	.235 [5.97]	.110 [2.79]	I
		09		.145 [3.68]	I
		02		.210 [5.33]	I
		03		.410 [10.41]	I
		04		.510 [12.95]	I
		05		.610 [15.49]	I
		07		.910 [23.11]	I
	929648 Right Angle	01	.235 [6.97]	.110 [2.79]	I
	929705 Straight	01	.318 [8.08]	.110 [2.79]	I
		11		.125 [3.18]	I
		09		.145 [3.68]	I
		06		.710 [18.03]	I
Tin	929834 Straight	01	.235 [5.97]	.110 [2.79]	
		02		.210 [5.33]	
		03		.410 [10.41]	
		04		.510 [12.95]	
		05		.610 [15.49]	
		07		.910 [23.11]	
	929835 Right Angle	01	.235 [5.97]	.110 [2.79]	
	929700 Straight	01	.318 [8.08]	.110 [2.79]	
		11		.125 [3.18]	
		06		.710 [18.03]	
	929730 Right Angle	01	.318 [8.08]	.110 [2.79]	

Ordering Information

Gold
929XXX-XX-XX-I

Mating Length Dim A (See Table 1) ——— Tail Length Code (See Table 1) ——— Pin Quantity (See Table 2) ——— Gold Plating Suffix Location & Thickness (See Table 1)
I = 10μ" [0.25μm] all over

Tin
929XXX-XX-XX

Mating Length Dim B (See Table 1) ——— Tail Length Code (See Table 1) ——— Pin Quantity (See Table 2)

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929 Series



Table 1		
Pin Quantity	Total Pin Qty	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 [60.1]
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]

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

[] Dimensions for Reference only

1. Dimension C is a maximum when the pin strip is cut to length, not when the strip is broken to length.
2. Board pin retention feature available: Change from "929" to "9R9" when ordering.

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Sheet 4 of 5

.100" × .100" Pin Strip Header

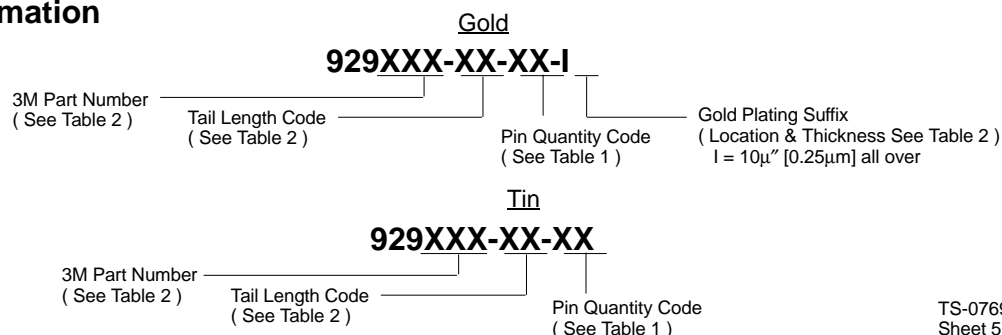
.235"/.318" Mating Length, Straight & Right Angle Solder/Wrap Tails

929 Series

Table 2					
Plating	3M Part Number	Tail Length Code	Dimensions		Available Plating Suffix
			A	B	
Gold	929665 Straight	01	0.235 [5.97]	0.110 [2.79]	I
		09		0.145 [3.68]	I
		02		0.210 [5.33]	I
		08		0.310 [7.87]	I
		03		0.410 [10.41]	I
		04		0.510 [12.95]	I
		05		0.610 [15.49]	I
	929715 Straight	01	0.318 [8.08]	0.110 [2.79]	I
		11		0.125 [3.18]	I
		10		0.175 [4.45]	I
		03		0.410 [10.41]	I
		06		0.710 [18.03]	I
	929667 Right Angle	01	0.235 [5.97]	0.110 [2.79]	I
		04		0.145 [3.68]	I
		02		0.405 [10.29]	I
	929745 Right Angle	01	0.318 [8.08]	0.100 [2.79]	I
		02		0.405 [10.29]	I
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]	
		06		0.710 [18.03]	
	929838 Right Angle	01	0.235 [5.97]	0.110 [2.79]	
		04		0.145 [3.68]	
		02		0.405 [10.29]	

Two Row

Ordering Information



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