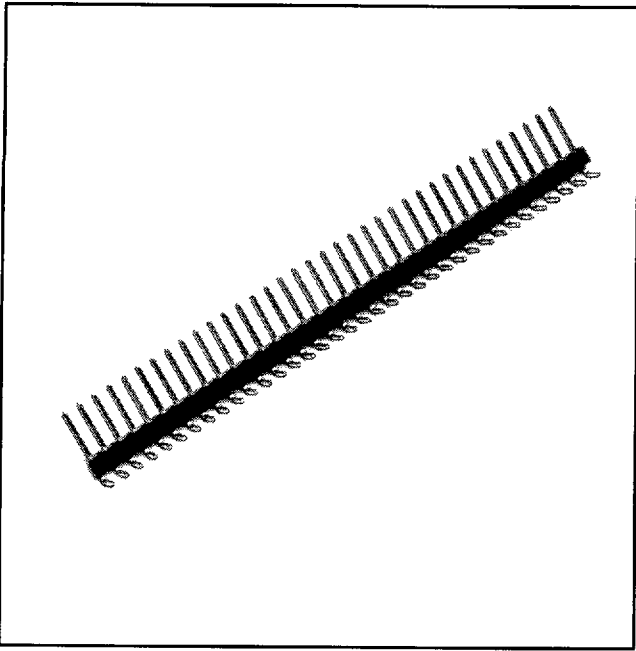


.100" Pin Strip Header

.235/.318 Mating Length, Right Angle Solder Tails

929 Series



- Tin lead or gold plating available
- Stackable end-to-end
- Board pin retention feature available

51

TS-0149-08
Sheet 1 of 2

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: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 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 $+105^\circ\text{C}$

UL File No.: E68080

3M Electronic Products Division

6801 River Place Blvd.
Austin, TX 78726-9000

9005413 0000144 2T2

.100" Pin Strip Header

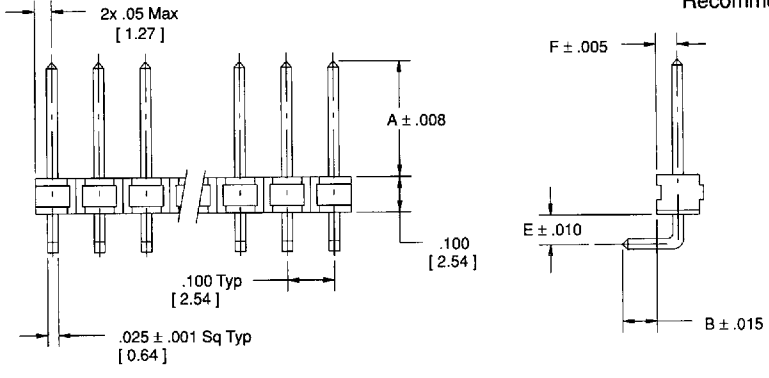
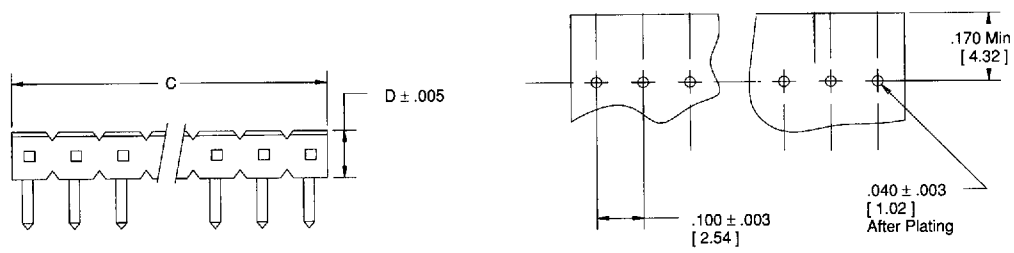
.235/.318 Mating Length, Right Angle Solder Tails

929 Series

Sheet 2 of 2

3M Part Number	Tail Length Code	Mating Length Dim A	Solder Tail Dim B	Dim D	Dim E	Dim F
929648 or 929835	01	.235 [5.97]	.110 [2.79]	.130 [3.30]	.070 [1.78]	.075 [1.91]
	10		.145 [3.68]	.130 [3.30]	.070 [1.78]	.075 [1.91]
	11		.175 [4.45]	.130 [3.30]	.070 [1.78]	.075 [1.91]
	04		.225 [5.72]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	12		.260 [6.60]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	13		.290 [7.37]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	07		.320 [8.13]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	02		.405 [10.29]	.130 [3.30]	.070 [1.78]	.075 [1.91]
	05		.520 [13.21]	.130 [3.30]	.170 [4.32]	.060 [1.52]
	03		.605 [15.37]	.130 [3.30]	.070 [1.78]	.075 [1.91]
	08		.620 [15.75]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	06		.720 [18.29]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	09		.820 [20.83]	.115 [2.92]	.170 [4.32]	.060 [1.52]
	929730		01	.318 [8.08]	.110 [2.79]	.130 [3.30]
10		.145 [3.68]	.130 [3.30]		.070 [1.78]	.075 [1.91]
11		.175 [4.45]	.130 [3.30]		.070 [1.78]	.075 [1.91]
04		.225 [5.72]	.115 [2.92]		.170 [4.32]	.060 [1.52]
12		.260 [6.60]	.115 [2.92]		.170 [4.32]	.060 [1.52]
13		.290 [7.37]	.115 [2.92]		.170 [4.32]	.060 [1.52]
07		.320 [8.13]	.115 [2.92]		.170 [4.32]	.060 [1.52]
02		.405 [10.29]	.130 [3.30]		.070 [1.78]	.075 [1.91]
05		.520 [13.21]	.130 [3.30]		.170 [4.32]	.060 [1.52]
03		.605 [15.37]	.130 [3.30]		.070 [1.78]	.075 [1.91]
08	.620 [15.75]	.115 [2.92]	.170 [4.32]	.060 [1.52]		

Pin Qty Code	Dim C (Max) See Note 1
01	.10 [2.5]
02	.20 [5.1]
03	.30 [7.6]
04	.40 [10.2]
05	.50 [12.7]
06	.60 [15.2]
07	.70 [17.8]
08	.80 [20.3]
09	.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 [61.0]
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	$\pm .1$	$\pm .01$	$\pm .005$

[] Dimensions for Reference Only

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

Ordering Information

929XXX-XX-XX-XX

<p>Plating & Mating Length: Underplate: $50 \mu\text{m}$ [1.27 μm] 648 = Gold Plating Mating Length .235 [5.97] 835 = Tin Lead $100 \mu\text{m}$ [2.54 μm] Mating Length .235 [5.97] 730 = Gold Plating Mating Length .318 [8.08]</p>	<p>Tail Length: See Table 2</p>	<p>Pin Quantity: See Table 1</p>	<p>Gold Plating Thickness: (No entry required for Tin Lead plated product) $I = 10 \mu\text{m}$ [0.25 μM] all over $*30 = 30 \mu\text{m}$ [0.78 μm] on mating end *Not available in -01, -09 tail length coades.</p>
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