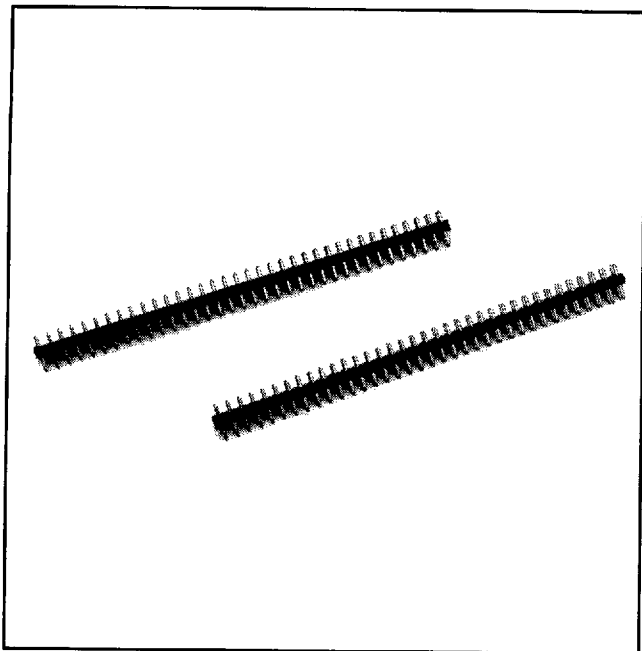


.100" x .100" Pin Strip Header

.093" Mating Length, Straight Solder Tails

929 Series



- Low profile for close board stacking
- Solder stand-offs to facilitate production wave solder and board cleaning
- Board pin retention feature available

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TS-0146-06
Sheet 1 of 2

Physical

Insulation

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

Contact

Material: Copper Alloy
Plating
Underplate: 50 μ " [1.27 μ m] 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 0000164 090 ■

.100" x .100" Pin Strip Header

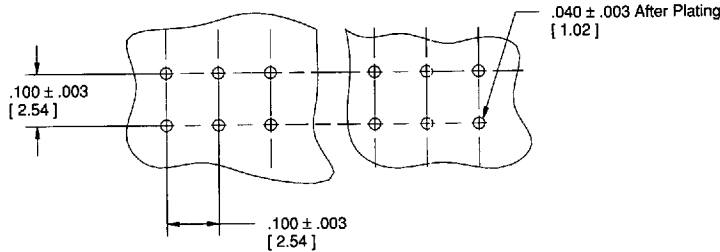
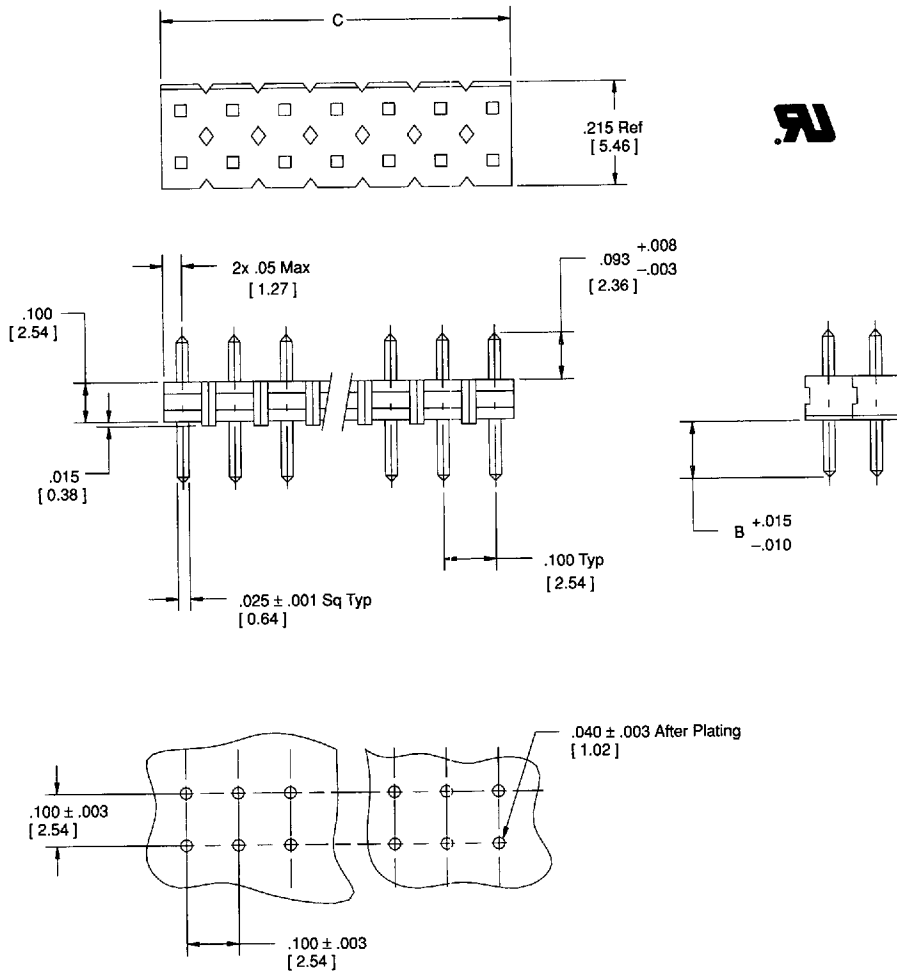
.093" Mating Length, Straight Solder Tails

929 Series

Sheet 2 of 2

Tail Length Code	Tail Dim B
01	.110 [2.79]
02	.125 [3.18]

Pin Qty Code	Total Pin Qty	Dim C (Max) See Note 1
01	02	.10 [2.5]
02	04	.20 [5.1]
03	06	.30 [7.6]
04	08	.40 [10.2]
05	10	.50 [12.7]
06	12	.60 [15.2]
07	14	.70 [17.8]
08	16	.80 [20.3]
09	18	.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]



Recommended Hole Pattern

Inch [mm]

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

[] Dimensions for Reference Only

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.

ORDERING INFORMATION

92981X-XX-XX-XX

PLATING:
0 = 100 μ" [2.54 μm] TIN LEAD
5 = GOLD

TAIL LENGTH CODE: SEE TABLE 2

PIN QUANTITY CODE: SEE TABLE 1

GOLD PLATING THICKNESS:
(NO ENTRY REQUIRED FOR TIN LEAD PLATED PRODUCT)
1 = 10 μ" [0.25 μm] ALL OVER
30 = 30 μ" [0.78 μm] ON MATING END