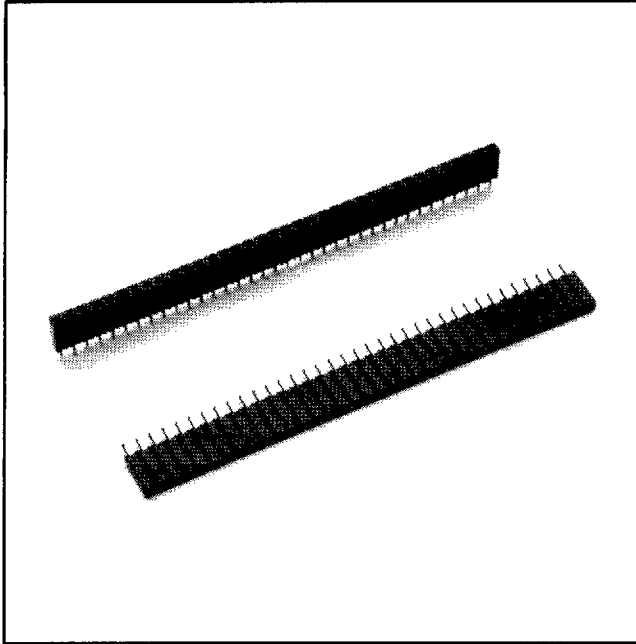


# .100" Boardmount Socket

Straight Solder Tails

929 Series



- 1-40 contacts
- Tuning fork contact design
- Gold or tin lead plating
- Solder standoffs facilitate production wave soldering
- Optional board retention feature

TS-0210-06  
Sheet 1 of 2

## Physical

### Insulation

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

### Contact

Material: Copper Alloy (C770)  
Plating  
Underplating & U-Slot: 50  $\mu$ " [ 1.27  $\mu$ m ] Nickel — QQ-N-290A, Class 2  
Wiping Area Options: See Ordering Information  
Solder Tails: 100  $\mu$ " [ 2.54  $\mu$ m ] Tin Lead — MIL-P-81728

## Electrical

Current Rating: 1 A  
Insulation Resistance:  $> 5 \times 10^9 \Omega$  at 500 VDC  
Withstanding Voltage: 1500 Vrms at Sea Level

## Environmental

Temperature Rating:  $-40^{\circ}\text{C}$  to  $105^{\circ}\text{C}$

UL File No.: E68080

3M Electronic Products Division ■ 9005413 0000025 46T ■

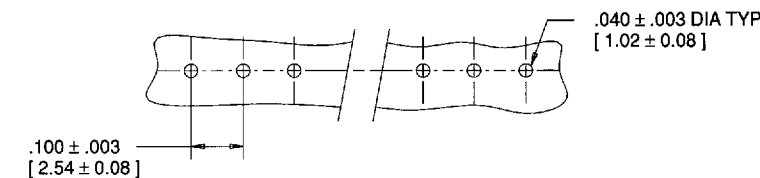
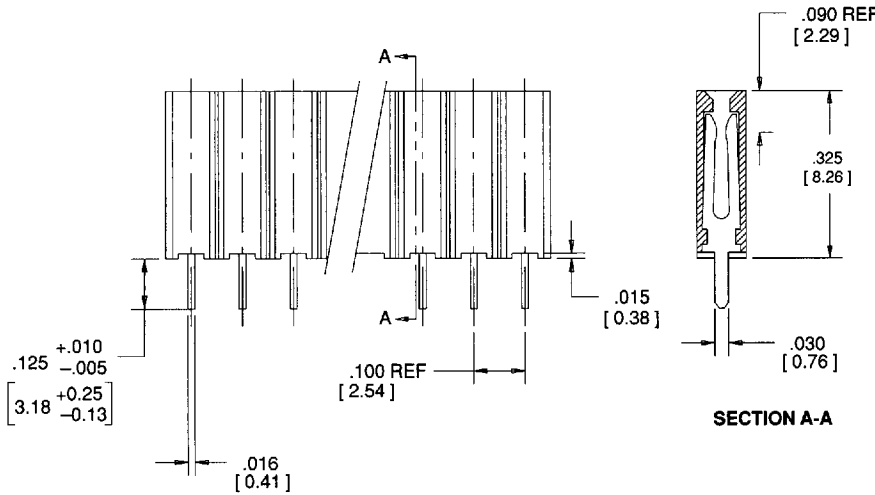
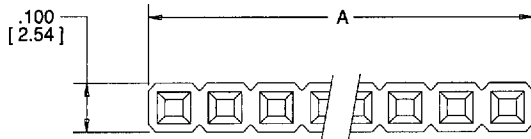
6801 River Place Blvd.  
Austin, TX 78726-9000

# .100" Boardmount Socket

Straight Solder Tails

929 Series

Sheet 2 of 2



RECOMMENDED MOUNTING HOLE PATTERN  
(SHOWN FOR MOUNTING SIDE OF BOARD)

CONTACT QTY	DIM. A
01	.100 [2.54]
02	.200 [5.08]
03	.300 [7.62]
04	.400 [10.16]
05	.500 [12.70]
06	.600 [15.24]
07	.700 [17.78]
08	.800 [20.32]
09	.900 [22.86]
10	1.100 [25.40]
11	1.100 [27.94]
12	1.200 [30.48]
13	1.300 [33.02]
14	1.400 [35.56]
15	1.500 [38.10]
16	1.600 [40.64]
17	1.700 [43.18]
18	1.800 [45.72]
19	1.900 [48.26]
20	2.000 [50.80]
21	2.100 [53.34]
22	2.200 [55.88]
23	2.300 [58.42]
24	2.400 [60.96]
25	2.500 [63.50]
26	2.600 [66.04]
27	2.700 [68.58]
28	2.800 [71.12]
29	2.900 [73.66]
30	3.000 [76.20]
31	3.100 [78.74]
32	3.200 [81.28]
33	3.300 [83.82]
34	3.400 [86.36]
35	3.500 [88.90]
36	3.600 [91.44]
40	4.000 [101.60]

**NOTES:**

1. MAXIMUM RECOMMENDED MATING HEADER PIN LENGTH IS .25 [6.4]
2. RECOMMENDED TO BE MATED TO THE .100 [2.54] PIN STRIP HEADERS: 2400 SERIES, AND 929 SERIES.

Inch  
[mm]

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

[ ] Dimensions for Reference Only

## Ordering Information

9X9XXX-01-XX-XX

Board Mounting Option:  
2 = Standard Product Without Kinked Tail  
R = With Kinked Tail Board Retention Feature

Plating Options:\*  
850 = Gold  
974 = 100 μ" [2.54 μm] Tin Lead

Contact Quantity:  
See Table

Gold Plating Thickness on Wiping Area:\*  
10 = 10 μ" [0.25 μm]  
15 = 15 μ" [0.38 μm]  
30 = 30 μ" [0.76 μm]

(No entry required for Tin Lead plating)

TS-0210-06