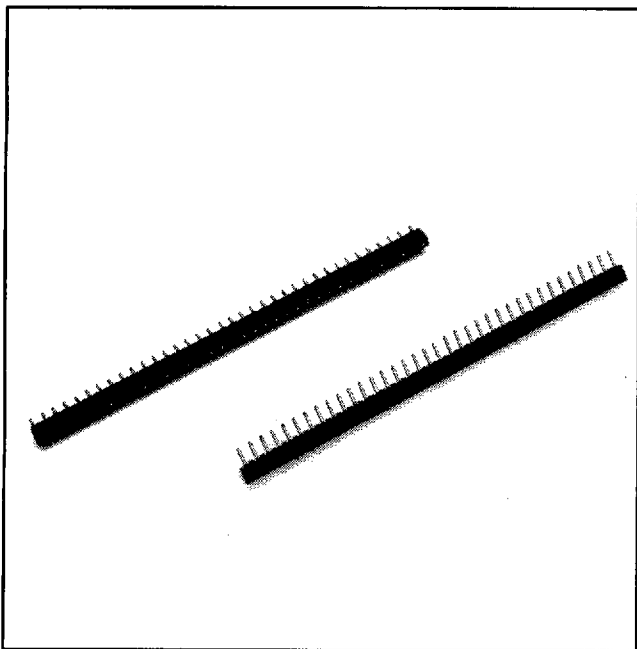


.100" Low Profile Boardmount Socket

Straight Solder Tails

929 Series



- 1-36 contacts
- Tuning fork contact design
- Low profile permits board stacking as close as .150"
- Gold or tin lead plating
- Solder standoffs facilitate production wave soldering

6

TS-0211-06
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 μ " [1.27 μ m] Nickel — QQ-N-290A, Class 2
Wiping Area Options: See Order Information
Solder Tails: 100 μ " [2.54 μ m] Tin Lead — MIL-P-81728

Electrical

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

Environmental

Temperature Rating: -40°C to 105°C

UL File No.: E68080

3M Electronic Products Division

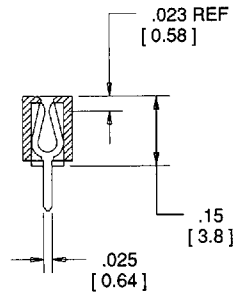
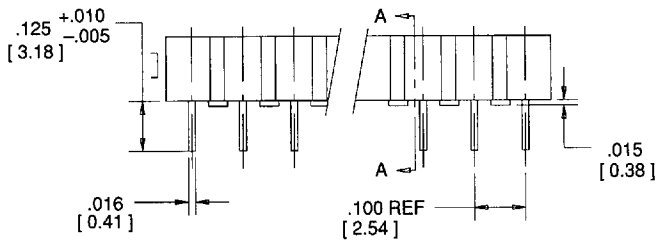
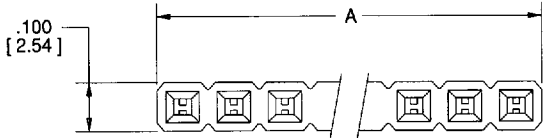
6801 River Place Blvd.
Austin, TX 78726-9000

.100" Low Profile Boardmount Socket

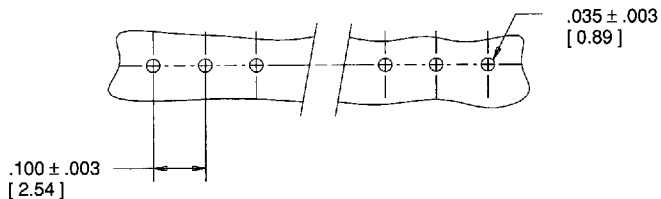
Straight Solder Tails

929 Series

Sheet 2 of 2



SECTION A-A



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]

NOTES:

1. MAXIMUM RECOMMENDED MATING HEADER PIN LENGTH IS .101 [2.57].
2. RECOMMENDED TO BE MATED TO THE .100 [2.54] LOW PROFILE PIN STRIP HEADER: 929800, 929805, 929810 AND 929815 SERIES.

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

[] Dimensions for Reference Only

Ordering Information

929XXX-01-XX-XX

Plating Options:*
870 = Gold
984 = 100 μ" [2.54 μ"]

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)
*All Plating Over 50 μ" [1.27 μm] Nickel