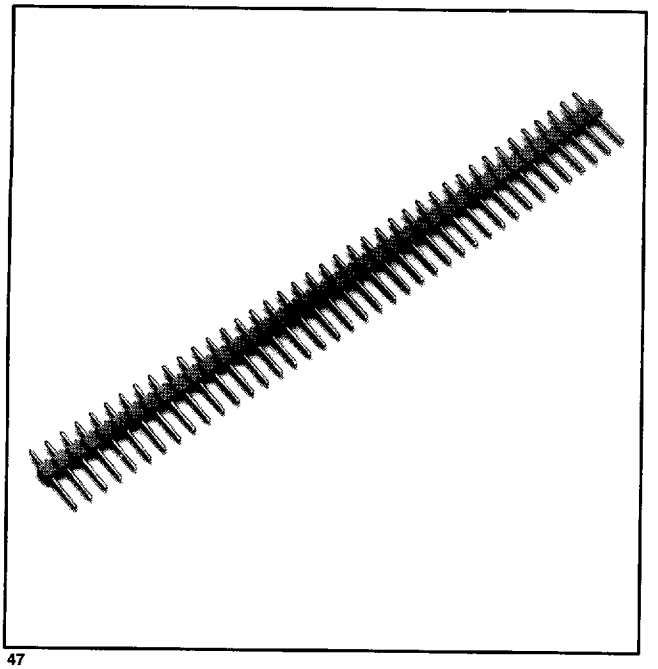
.100″ Pin Strip Header

Straight Solder Tail

2400 Series



47

- Break to length for faster delivery, lower inventory costs, and faster prototyping
- Bullet nose pin tip does not cut the socket wipe during insertion reducing operational failures and repairs
- Solder standoffs are easy to wash of flux residue reducing costly rework
- Board pin retention feature available

Physical

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

Contact
Material: Phosphor Bronze (C510)
Plating
Underplate: 100 µ″ [2.54 µm] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 200 µ″ [5.08 µm] 60/40 Tin Lead — MIL-P-81728

Electrical

Current Rating: 3 A
Insulation Resistance: $> 1 \times 10^9$ Ω at 500 Vdc
Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating: –55°C to +105°C

UL File No.: E68080
CSA File No.: LR 40971

3M Electronic Products Division
6801 River Place Blvd.
Austin, TX 78726-9000

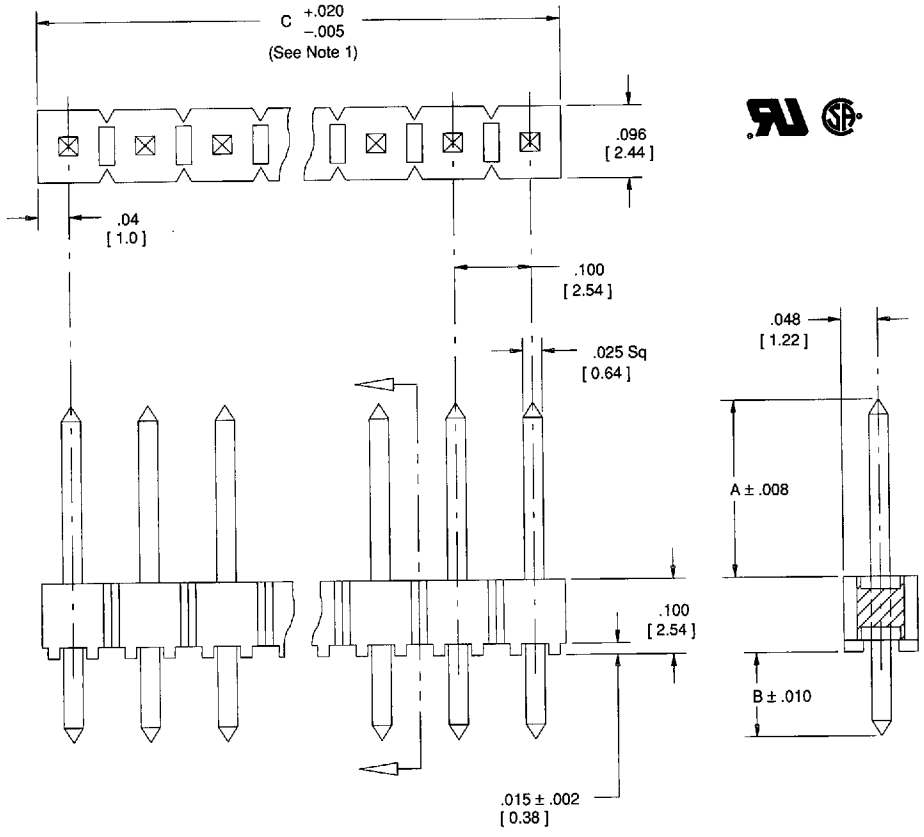
9005413 0000136 126

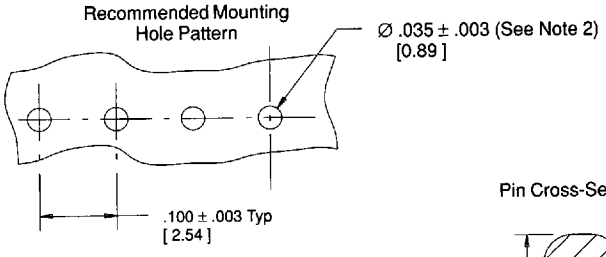
For technical, sales or ordering information call
800-225-5373

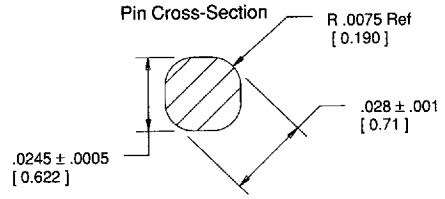
.100" Pin Strip Header

Straight Solder Tail

2400 Series







Contact Qty	Dimension C
01	0.09 [2.3]
02	0.19 [4.8]
03	0.29 [7.4]
04	0.39 [9.9]
05	0.49 [12.4]
06	0.59 [15.0]
07	0.69 [17.5]
08	0.79 [20.1]
09	0.89 [22.6]
10	0.99 [25.1]
11	1.09 [27.7]
12	1.19 [30.2]
13	1.29 [32.8]
14	1.39 [35.3]
15	1.49 [37.8]
16	1.59 [40.4]
17	1.69 [42.9]
18	1.79 [45.5]
19	1.89 [48.0]
20	1.99 [50.5]
21	2.09 [53.1]
22	2.19 [55.6]
23	2.29 [58.2]
24	2.39 [60.7]
25	2.49 [63.2]
26	2.59 [65.8]
27	2.69 [68.3]
28	2.79 [70.9]
29	2.89 [73.4]
30	2.99 [75.9]
31	3.09 [78.5]
32	3.19 [81.0]
33	3.29 [83.6]
34	3.39 [86.1]
35	3.49 [88.6]
36	3.59 [91.2]
37	3.69 [93.7]
38	3.79 [96.3]
39	3.89 [98.8]
40	3.98 [101.1]

Notes:

1. This part is molded in the 40 contact quantity version. Parts that require fewer contacts are broken to length. Dimension "C" is measured from a "Molded End" to the "Center of the Break Point" beyond the desired quantity. On Pin Strips, which have break points on both ends, "C" = .100" x contact quantity.
2. The recommended PCB hole size for the kinked tail positions on the .112" solder tail connector is .035" ± .002.

Inch
[mm]

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

[ ] Dimensions for Reference Only

Sheet 2 of 2

TS–0345–12

Ordering Information

24XX-6XXX-TX

- Contact Quantity See Table
- Pin Length (Dim. A)
  1 = .235"
  2 = .318"
- Tail
  12 = .112" Solder Tails
  13 = .155" Solder Tails
  32 = .112" Kinked Solder Tails (for Pos. 2 thru 40)
- Plating
  G = 10 µ" Gold-90/10 Tin
  B = 30 µ" Gold-90/10 Tin