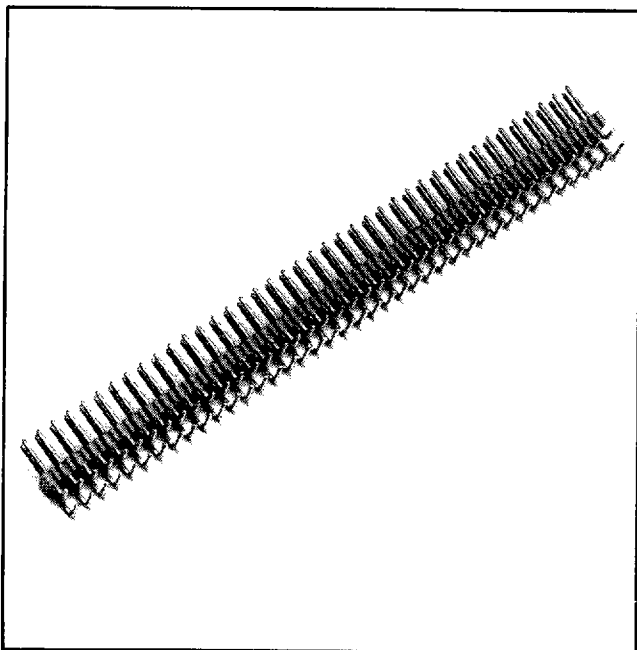


.100" x .100" Pin Strip Header

Right Angle Solder Tail

2400 Series



- 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

60

TS-0348-12
Sheet 1 of 2

Physical

Insulation

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

Contact

Material: Phosphor Bronze (C510)
Plating
Underplate: 100 μ " [2.54 μ m] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 200 μ " [5.08 μ m] 90/10 Tin Lead — MIL-P-81728

Electrical

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

Environmental

Temperature Rating: -55°C to $+105^\circ\text{C}$

UL File No.: E68080

CSA File No.: LR 40971

3M Electronic Products Division

6801 River Place Blvd.
Austin, TX 78726-9000

9005413 0000162 218

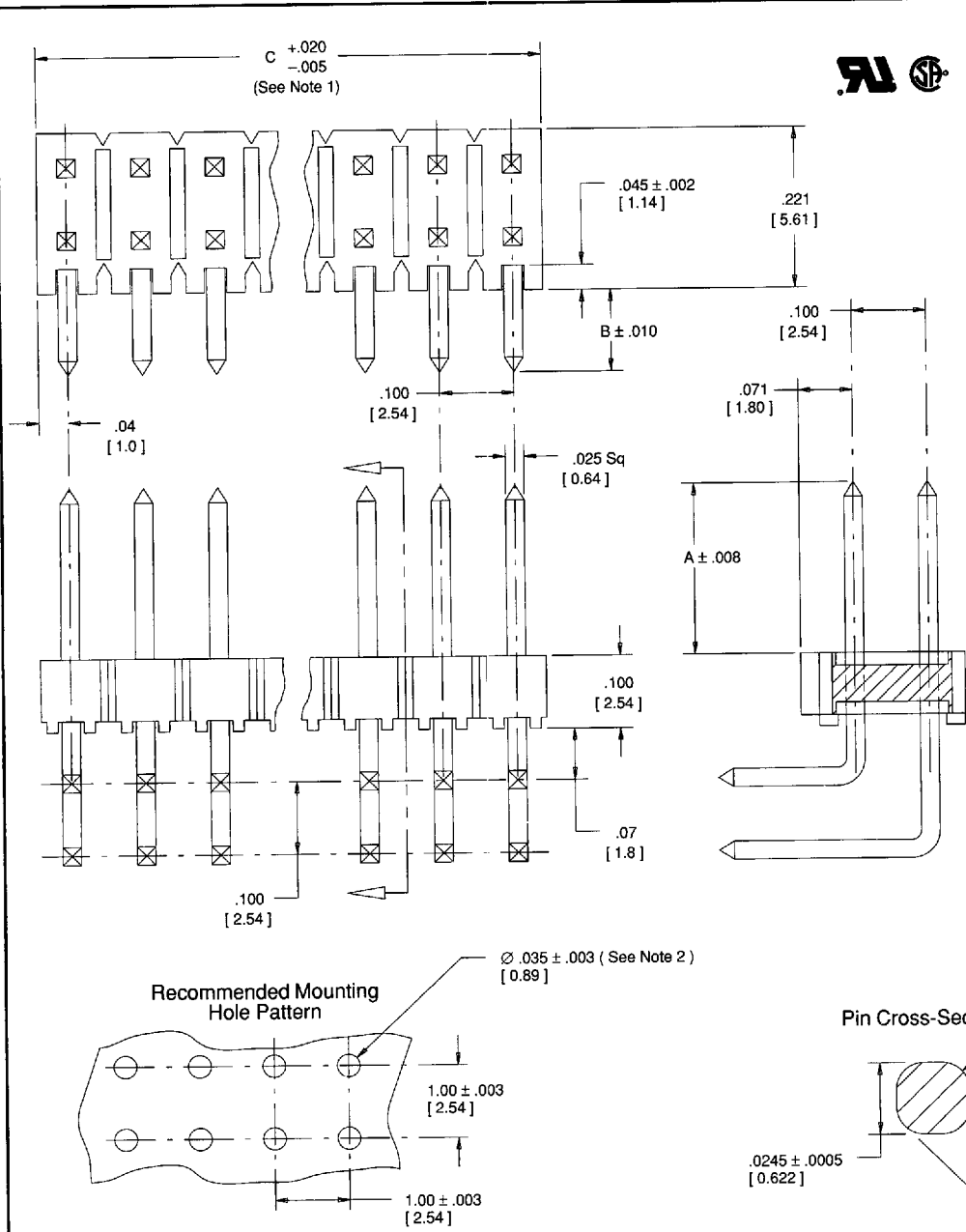
.100" x .100" Pin Strip Header

Right Angle Solder Tail

2400 Series

Sheet 2 of 2

TS-0348-12



| Contact Qty | Dimension C |
|-------------|--------------|
| 02 | 0.09 [2.3] |
| 04 | 0.19 [4.8] |
| 06 | 0.29 [7.4] |
| 08 | 0.39 [9.9] |
| 10 | 0.49 [12.4] |
| 12 | 0.59 [15.0] |
| 14 | 0.69 [17.5] |
| 16 | 0.79 [20.1] |
| 18 | 0.89 [22.6] |
| 20 | 0.99 [25.1] |
| 22 | 1.09 [27.7] |
| 24 | 1.19 [30.2] |
| 26 | 1.29 [32.8] |
| 28 | 1.39 [35.3] |
| 30 | 1.49 [37.8] |
| 32 | 1.59 [40.4] |
| 34 | 1.69 [42.9] |
| 36 | 1.79 [45.5] |
| 38 | 1.89 [48.0] |
| 40 | 1.99 [50.5] |
| 42 | 2.09 [53.1] |
| 44 | 2.19 [55.6] |
| 46 | 2.29 [58.2] |
| 48 | 2.39 [60.7] |
| 50 | 2.49 [63.2] |
| 52 | 2.59 [65.8] |
| 54 | 2.69 [68.3] |
| 56 | 2.79 [70.9] |
| 58 | 2.89 [73.4] |
| 60 | 2.99 [75.9] |
| 62 | 3.09 [78.5] |
| 64 | 3.19 [81.0] |
| 66 | 3.29 [83.6] |
| 68 | 3.39 [86.1] |
| 70 | 3.49 [88.6] |
| 72 | 3.59 [91.2] |
| 74 | 3.69 [93.7] |
| 76 | 3.79 [96.3] |
| 78 | 3.89 [98.8] |
| 80 | 3.98 [101.1] |

Notes:

- 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.
- The recommended PCB hole size for the kinked tail positions on the .112" solder tail connector is .035" ± .002.

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

[] Dimensions for Reference Only

Ordering Information

