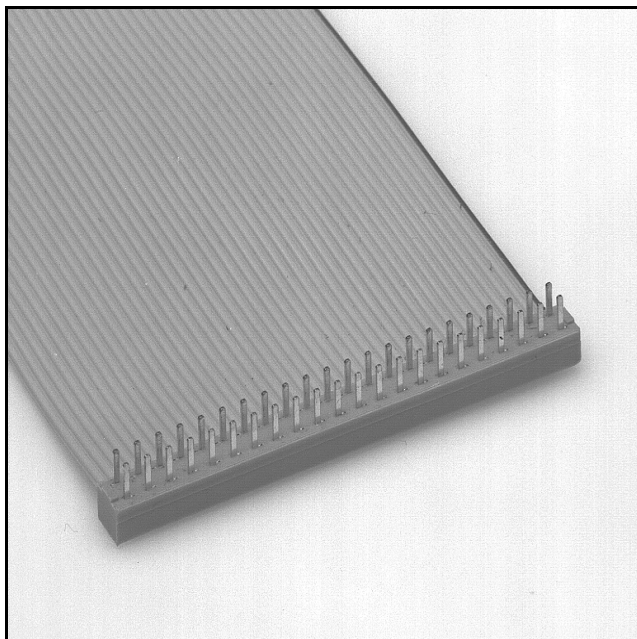


3M™ Molded PCB

2 mm x 2 mm for 1 mm Pitch Cable

879 Series



- Mates with industry standard 2mm x 2mm board pattern
- Supplied as a completed assembly only
- One piece, molded-on construction with integral strain relief
- Combines the function of header and socket into one component for reduced parts count
- Minimizes PC board space
- Low profile allows close stacking between components and boards
- Closed-end construction
- See Regulatory Information Appendix (RIA) on TS-2150 for chemical compliance information

Date Modified: February 12, 2007

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Sheet 1 of 2

Physical

Insulation

Material: Glass Filled Polyester

Flammability: UL 94V-0

Color: Gray

Contact

Material: Copper Alloy

Plating:

Underplating and U-Slot: 50-150 μ " [1.27-3.81 μ m] Nickel

Contact Tail: 300-400 μ " [7.62-10.16 μ m] Matte Tin

Marking: 3M Logo

Wire Accommodation: 28 AWG Stranded

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 1000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

UL File No.: E86982

3M™ Molded PCB

2 mm x 2 mm for 1 mm Pitch Cable

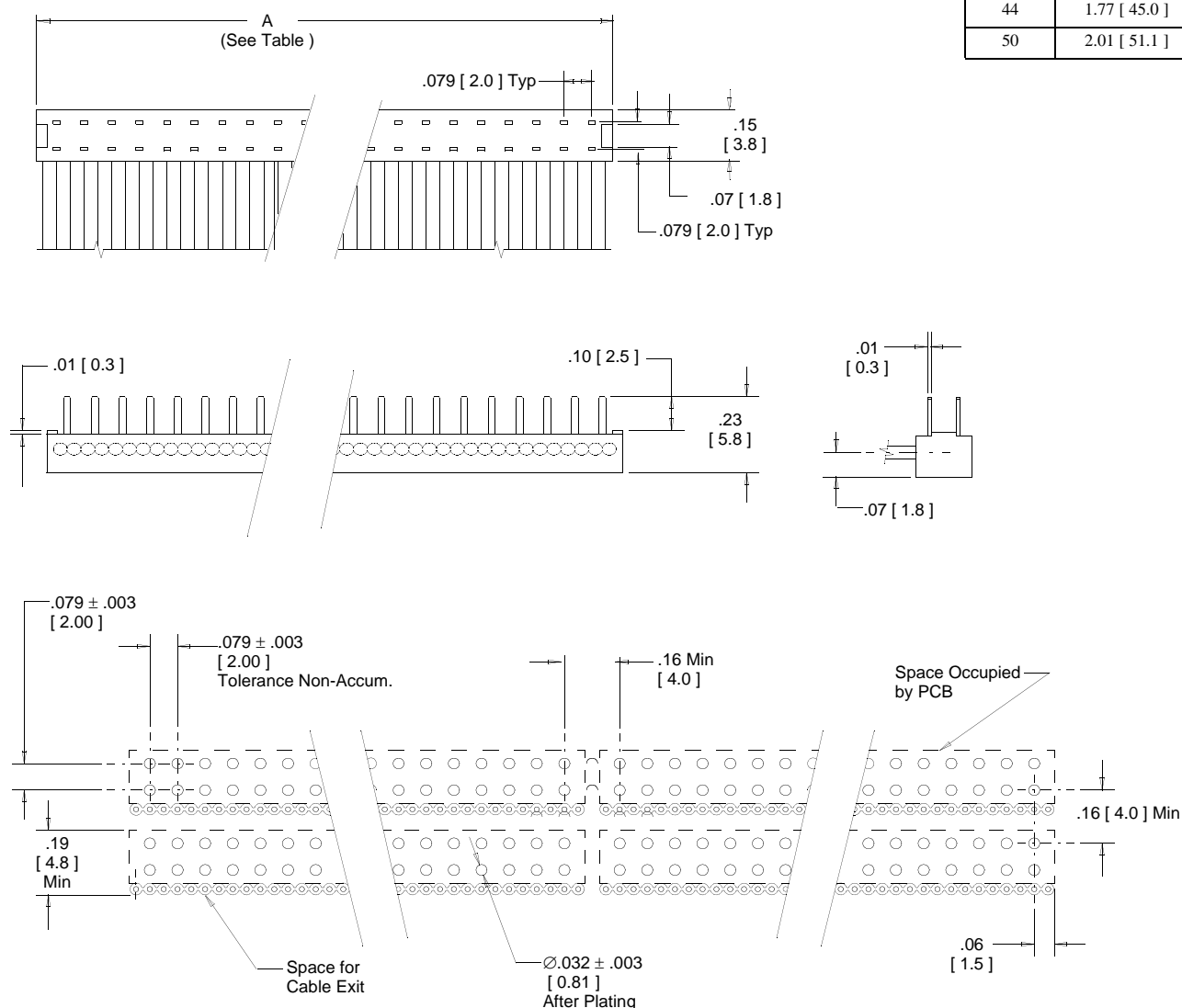
879 Series



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

[] Dimensions for
Reference only

Contact Quantity	Dimension A
06	.27 [6.9]
08	.35 [8.9]
10	.43 [10.9]
12	.51 [12.9]
16	.67 [16.9]
20	.82 [20.9]
26	1.06 [26.9]
30	1.22 [31.0]
36	1.46 [37.0]
40	1.61 [41.0]
44	1.77 [45.0]
50	2.01 [51.1]



Ordering Information

See TS-2150 technical drawing for Ordering
Information on a complete cable assembly.

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Sheet 2 of 2