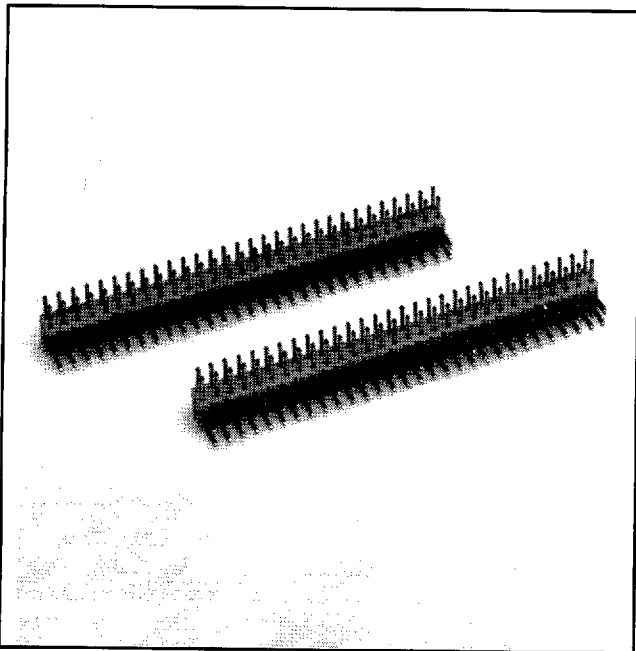


2mm Pin Strip Header

Right Angle Solder Tail

151 Series



- Industry standard compatible
- High temperature dielectric
- IR, vapor & wave solder compatible
- Unique lengths available
- Maximizes use of PC board space
- Mates with boardmount and wiremount products
- End stackable feature
- Side stackable feature

46

TS-0516-03
Sheet 1 of 2

Physical

Insulation

Material: Glass Filled PCT
Flammability: UL 94V-0
Color: Natural

Contact

Material: Copper Alloy
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

Note: The location and thickness of the contact plating is determined by the part number. Refer to ordering information.

Electrical

Current Rating: 1.5 A
Insulation Resistance: $> 5 \times 10^9 \Omega$ at 250 Vdc
Withstanding Voltage: 500 Vdc at Sea Level

Environmental

Temperature Rating: -67°F to $+221^\circ\text{F}$ (-55°C to $+105^\circ\text{C}$)

UL File No.: E68080
CSA File No.: LR 89866

3M Electronic Products Division

6801 River Place Blvd.
Austin, TX 78726-9000

■ 9005413 0000134 353 ■

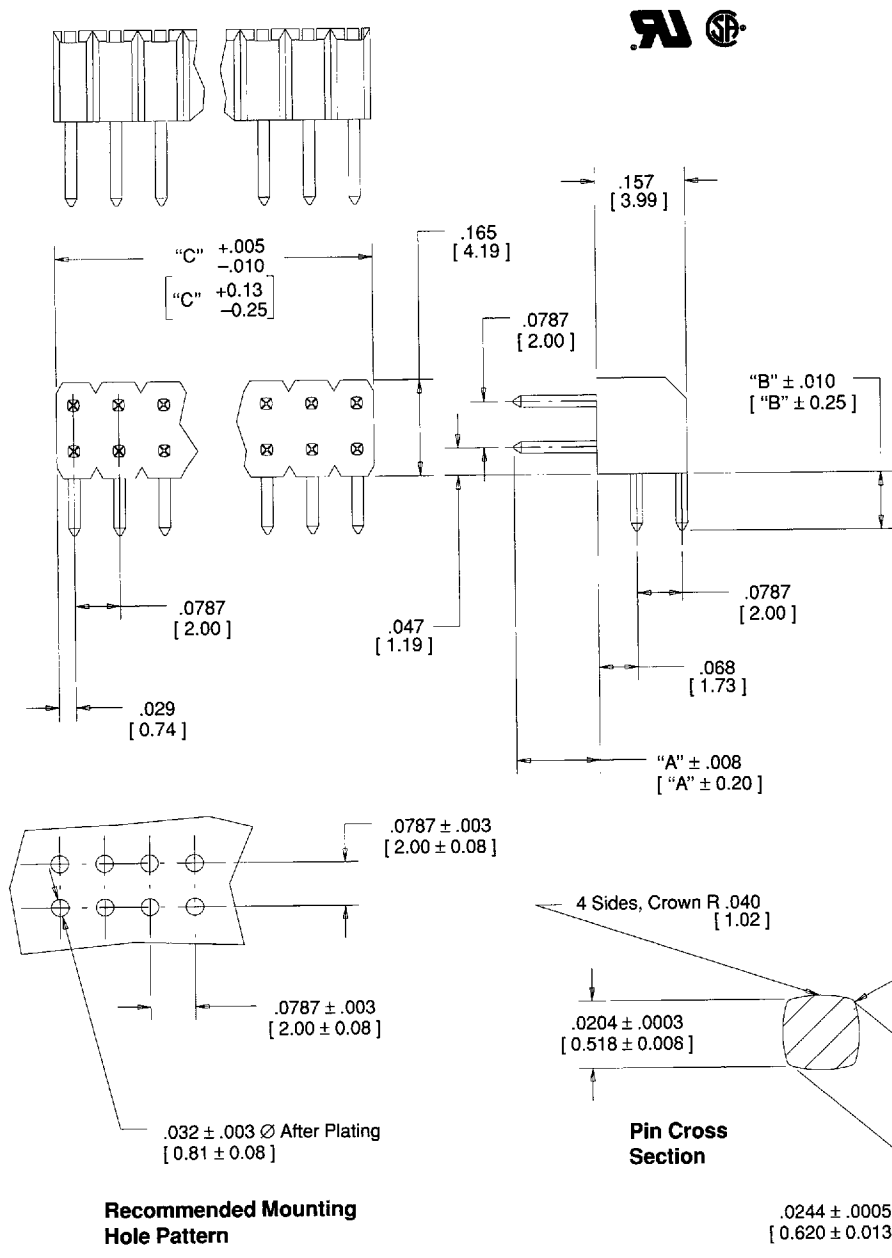
2mm Pin Strip Header

Right Angle Solder Tail

151 Series

Sheet 2 of 2

TS-0516-03



Contact Quantity	Dim "C"
02	.059 [1.5]
04	.139 [3.5]
06	.217 [5.5]
08	.295 [7.5]
10	.374 [9.5]
12	.453 [11.5]
14	.531 [13.5]
16	.611 [15.5]
18	.689 [17.5]
20	.768 [19.5]
22	.847 [21.5]
24	.925 [23.5]
26	1.005 [25.5]
28	1.083 [27.5]
30	1.162 [29.5]
32	1.240 [31.5]
34	1.320 [33.5]
36	1.398 [35.5]
38	1.477 [37.5]
40	1.556 [39.5]
42	1.634 [41.5]
44	1.714 [43.5]
46	1.792 [45.5]
48	1.870 [47.5]
50	1.950 [49.5]
52	2.028 [51.5]
54	2.107 [53.5]
56	2.185 [55.5]
58	2.264 [57.5]
60	2.344 [59.5]

Recommended Mounting Hole Pattern

Pin Cross Section

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

[] Dimensions for Reference Only

Ordering Information

