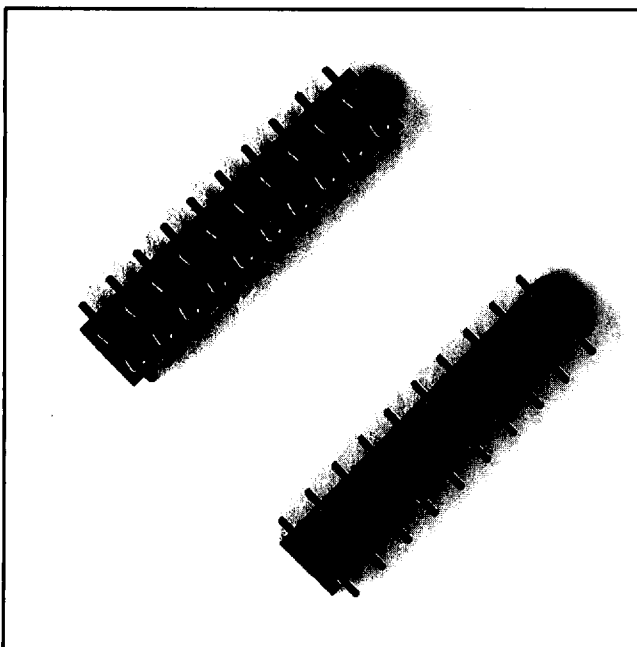


2mm × 2mm Ultra Low Profile Thru Board Socket

Surface Mount

1562 Series



- Ultra low profile
- 3M designed thru board socket
- Board location posts

TS-0659-02
Sheet 1 of 2

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Physical

Insulation

Material: Glass Filled Polyester (PCT)
Flammability: UL 94V-0
Color: Black
Marking: 3M Logo

Contact

Material: Copper Alloy
Plating
Underplate: 40 – 80 μ " [1.02 – 2.03 μ m] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 75 – 175 μ " [1.91 – 4.45 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 A
Insulation Resistance: $> 5 \times 10^9 \Omega$ at 250 Vdc
Withstanding Voltage: 500 Vrms at Sea Level

Environmental

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

UL File No.: E68080

3M Electronic Products Division 19F 9035312 0004246 583

<http://www.3M.com/interconnects/>

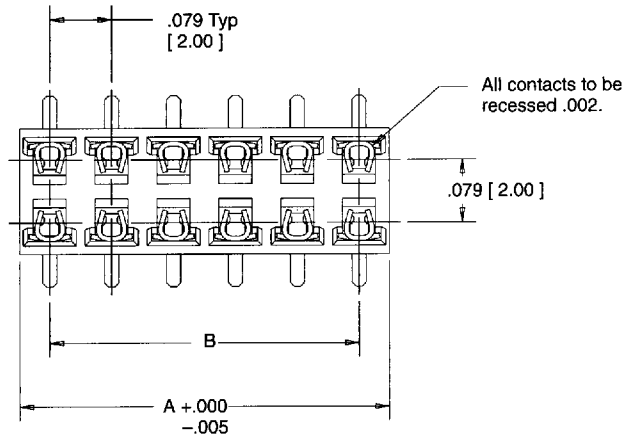
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For technical, sales or ordering information call
800-225-5373

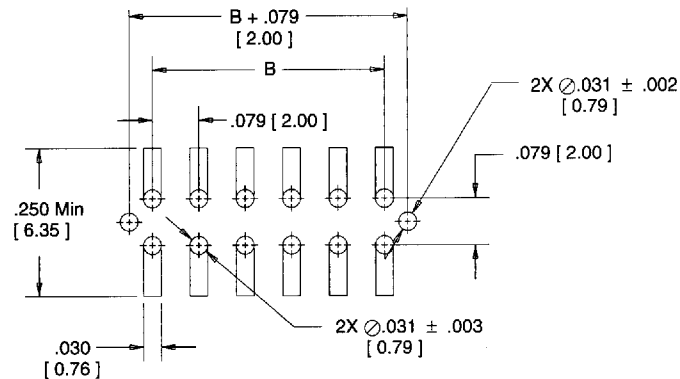
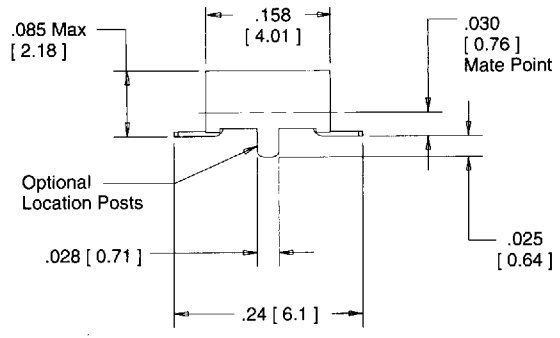
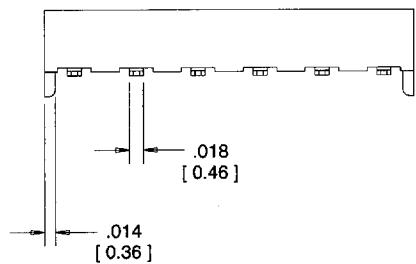
2mm × 2mm Ultra Low Profile Thru Board Socket

Surface Mount

1562 Series



Contact Quantity	Dimensions	
	A	B
04	.157 [4.00]	.079 [2.00]
06	.236 [6.00]	.157 [4.00]
08	.315 [8.00]	.236 [6.00]
10	.394 [10.00]	.315 [8.00]
12	.472 [12.00]	.394 [10.00]
14	.551 [14.00]	.472 [12.00]
16	.630 [16.00]	.551 [14.00]
18	.709 [18.00]	.630 [16.00]
20	.787 [20.00]	.709 [18.00]
22	.866 [22.00]	.787 [20.00]
24	.945 [24.00]	.866 [22.00]
26	1.024 [26.00]	.945 [24.00]
28	1.102 [28.00]	1.024 [26.00]
30	1.181 [30.00]	1.102 [28.00]



Recommended Solder Pad Layout

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

[] Dimensions for Reference only

Ordering Information

X1562XX-20X0XX

Packaging:
 V = Bulk
 W = Tape & Reel
 Blank = Standard

Number of Positions:
 (See table 1)
 Even Number: 4-30

Plating:
 TB = 30 μ" [0.76 μm] Gold
 TH = 15 μ" [0.38 μm] Gold

Board Location Post:
 0 = None
 2 = with Board Location Post

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 Sheet 2 of 2