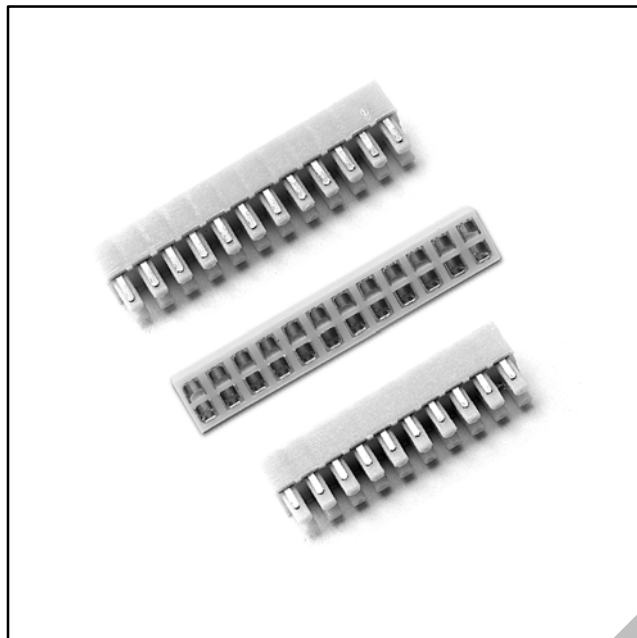


3M™ Pak 20 Thru-Board Socket

2 mm × 2 mm Straight, Solder Tails

1532 Series



- High temperature dielectric
- IR and wave solder compatible
- Maximizes use of PC board space
- Integral solder mask plug
- Minimizes PC board stacking heights
- End and side stackable feature

Date Modified: May 25, 2005

TS-0522-15
Sheet 1 of 2

Physical

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

Contact
Material: Copper Alloy

Plating
Underplating: 50-150 μ " [1.27-3.81 μ m] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 100-300 μ " [2.54-7.62 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.

File Replace by consolidated ts file:

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: -55°C to +105°C

UL File No.: E68080

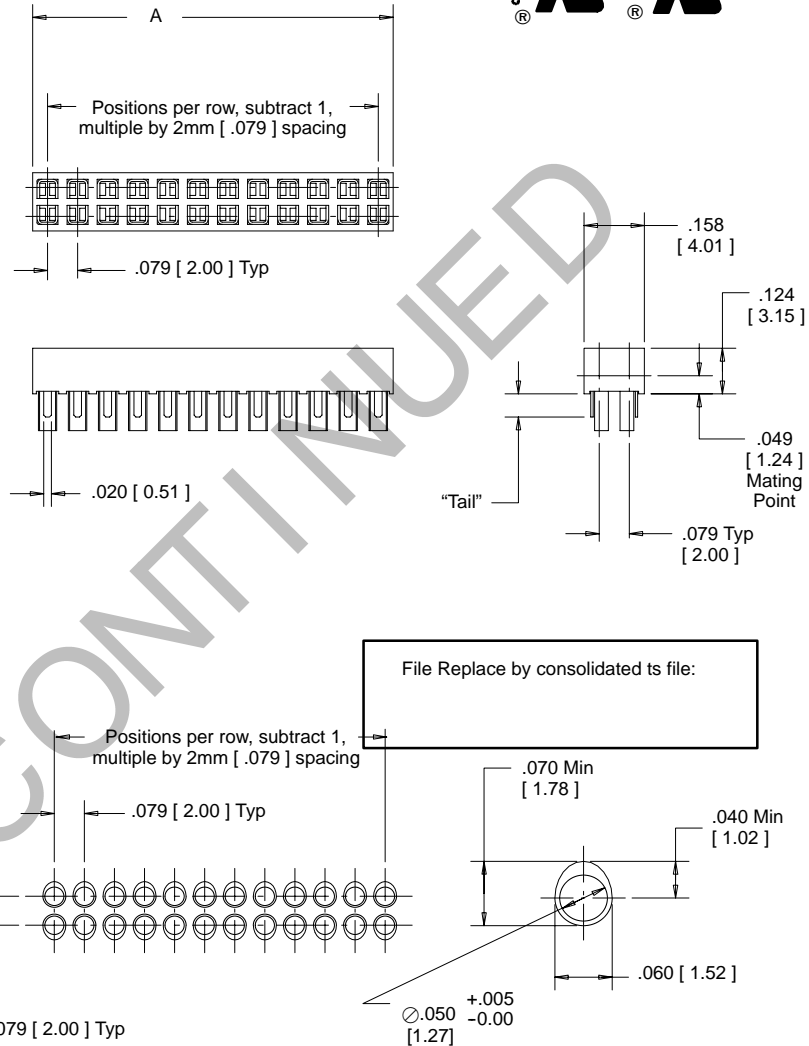
3M™ Pak 20 Thru-Board Socket

2 mm × 2 mm Straight, Solder Tails

1532 Series



Contact Quantity	Dimension A ^{+0.00} / _{-.010}
04	0.156 [4.00]
06	0.231 [6.00]
08	0.310 [8.00]
10	0.389 [10.00]
12	0.467 [12.00]
14	0.546 [14.00]
16	0.625 [16.00]
18	0.704 [18.00]
20	0.782 [20.00]
22	0.861 [22.00]
24	0.940 [24.00]
26	1.019 [26.00]
28	1.097 [28.00]
30	1.176 [30.00]
32	1.255 [32.00]
34	1.334 [34.00]
36	1.412 [36.00]
38	1.491 [38.00]
40	1.570 [40.00]
42	1.649 [42.00]
44	1.727 [44.00]
46	1.806 [46.00]
48	1.885 [48.00]
50	1.964 [50.00]
52	2.042 [52.00]
54	2.121 [54.00]
56	2.200 [56.00]
58	2.278 [58.00]
60	2.357 [60.00]



File Replace by consolidated ts file:

Recommended Mounting Hole Pattern

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

[] Dimensions for Reference only

Note:

1. See Tech Brief #80-6106-0770-9 for 6000 style pc board processing requirements.

Ordering Information

X1532XX-600XXX

Packaging
V = Bulk
Blank = Standard

Contact Quantity
(See Table 1)
(Even No.: 4-60)

Solder Tail Length
1 = .040" Thick Board
2 = .062" Thick Board

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

TS-0522-15
Sheet 2 of 2

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