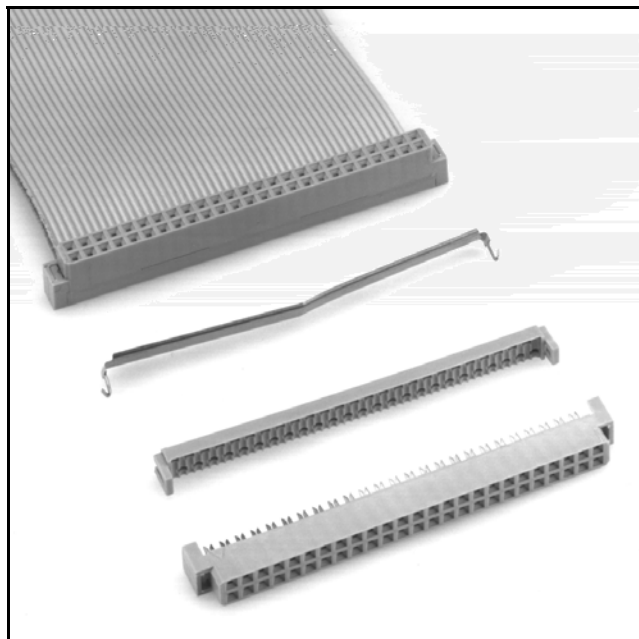


3M™ Pak 20 Wiremount Socket

2 mm × 2 mm for 1 mm Pitch Cable

1522 Series



- Industry standard compatible
- Mates with Pak 20 (2 mm x 2 mm) grid pin strips
- Low profile
- Preassembled covers
- Available with or without strain relief
- Available with optional centerbump polarity feature
- RoHS* Compliant

Date Modified: January 27, 2005

TS-0523-12
Sheet 1 of 3

Physical

Insulation

Material: Glass Filled Polyester (PBT)
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 - QQ-N-290, Class 2
Wiping Area: Gold, MIL-G-45204, Type II, Grade C
Wire Accommodation: 28 AWG Stranded

Marking: 3M Logo, Part Identification Number and Orientation Triangle

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: $> 1 \times 10^9 \Omega$ at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

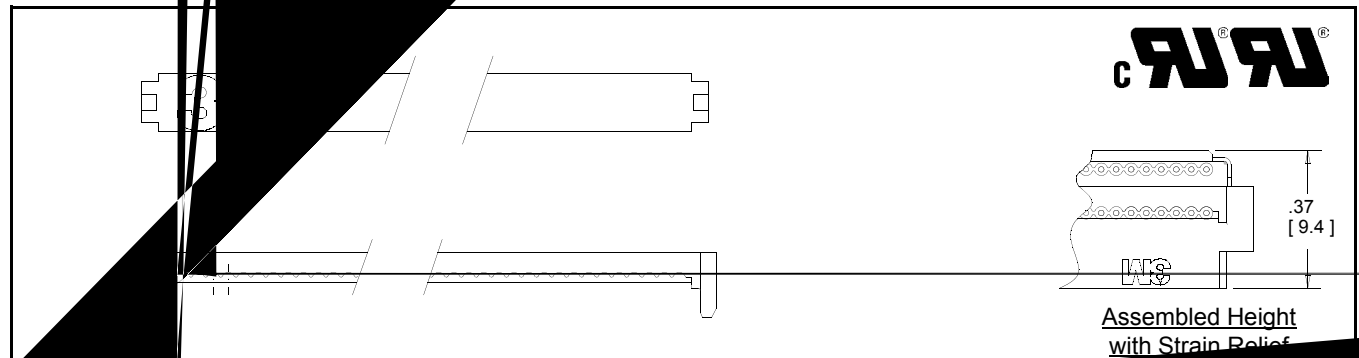
UL File No.: E68080

RoHS = Directive 2002/95/EC,
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

3M™ PowerLite™ Mount Socket

2 mm × 2 mm Cable

1522 Series



Order

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

3M™ Pak 20 Wiremount Socket

2 mm × 2 mm for 1 mm Pitch Cable

1522 Series

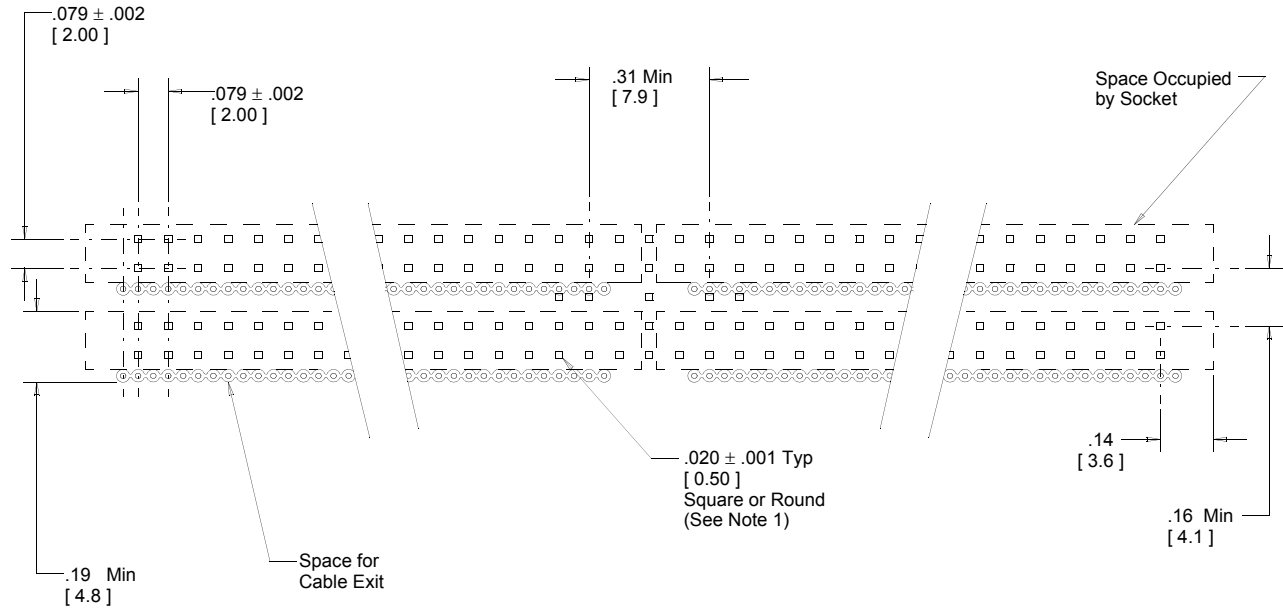
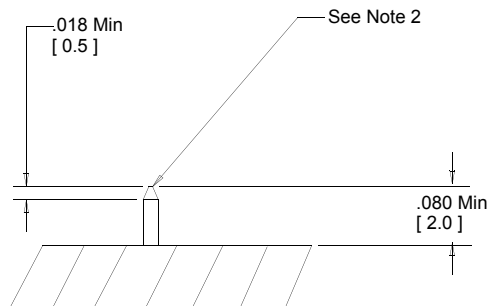


Table 1		
Contact Quantity	Dimensions	
	A	B
10	.45 [11.4]	.59 [15.0]
12	.53 [13.4]	.67 [17.0]
20	.84 [21.3]	.99 [25.1]
26	1.08 [27.4]	1.22 [31.0]
40	1.63 [41.4]	1.77 [45.0]
44	1.79 [45.5]	1.93 [49.0]
50	2.03 [51.3]	2.17 [55.0]



Mating Pin Detail

Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Notes:

1. Measured at tip.
2. Tapered pin tip configuration recommended.

TS-0523-12
Sheet 3 of 3



Interconnect Solutions

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

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