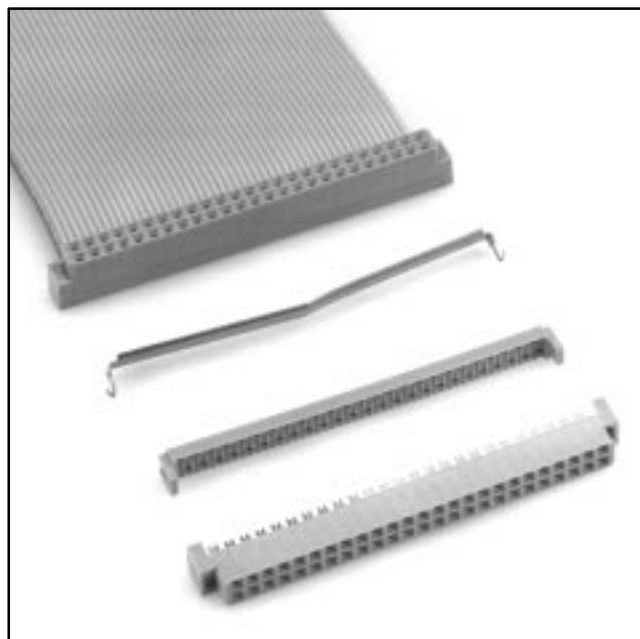


2mm × 2mm Wiremount Socket

1mm Pitch Cable

1522 Series



110

- Industry standard compatible
- Mates with 2mm × 2mm grid pin strips
- Low profile
- Preassembled covers
- Available with or without strain relief
- Available with optional centerbump polarity feature

Date Modified: August 4, 1999

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Sheet 1 of 3

Physical

Insulation

Material: Glass Filled Polyester (PBT)
Flammability: UL 94V-0
Color: Gray

Contact

Material: Copper Alloy
Plating
Underplate & 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

Marking: Orientation delta and 3M logo

Wire Accommodation: 28 AWG Stranded

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°F to +105°F

UL File No.: E68080

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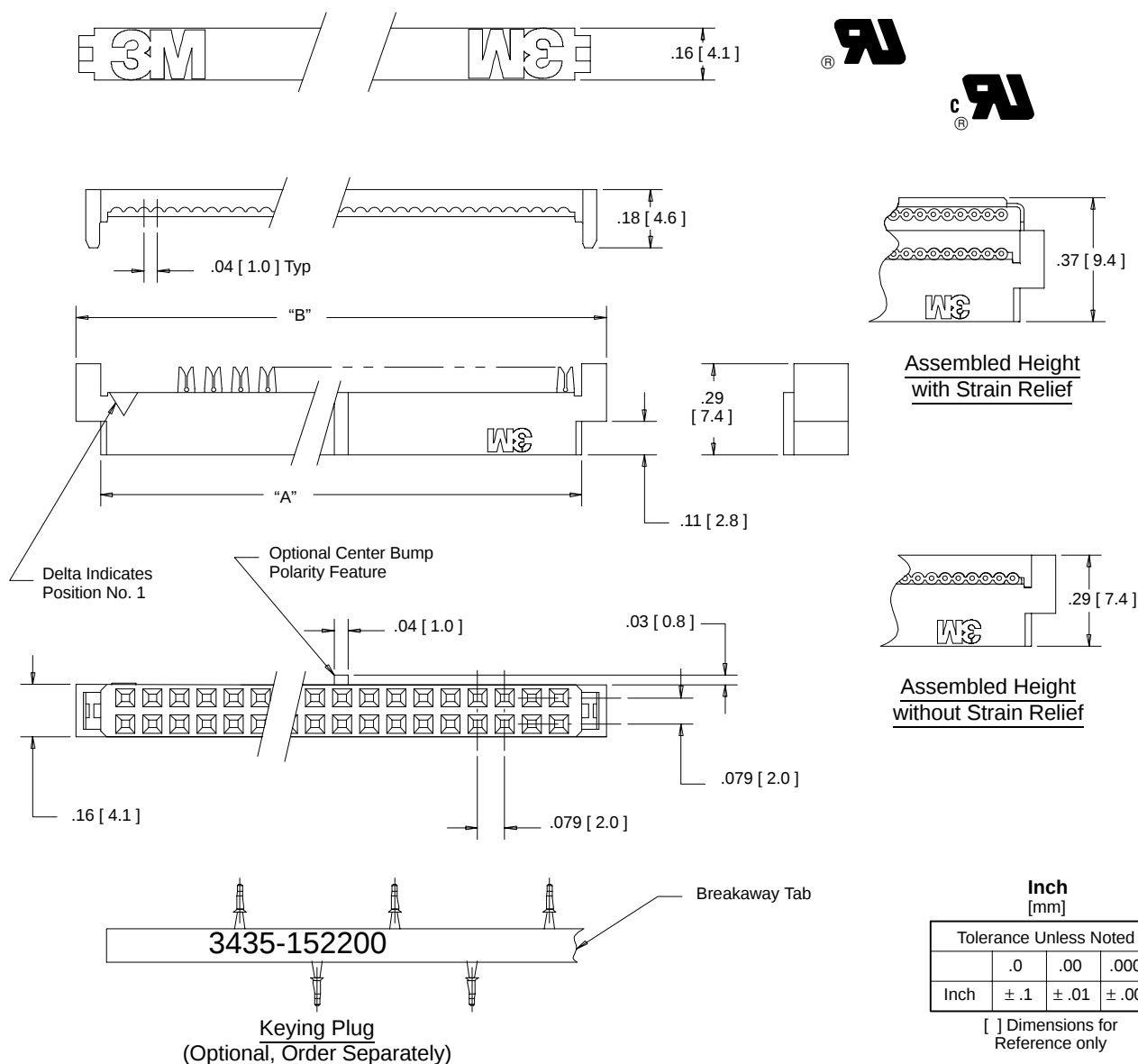
6801 River Place Blvd.
Austin, TX 78726-9000

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

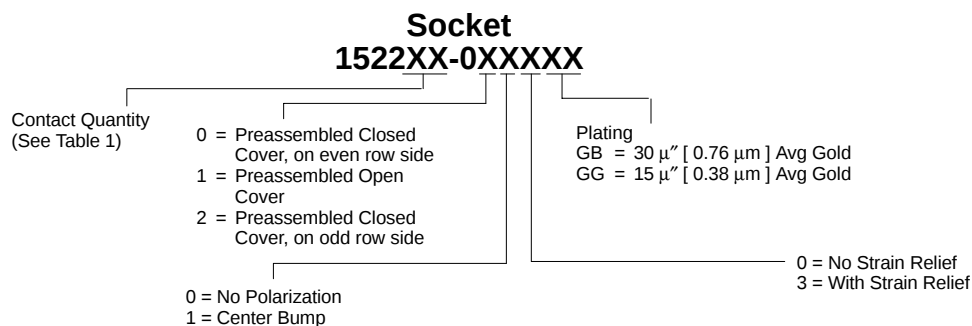
2mm × 2mm Wiremount Socket

1mm Pitch Cable

1522 Series



Ordering Information



Strain Relief

3448-1522XX

Contact Quantity
(See Table 1)

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Sheet 2 of 3

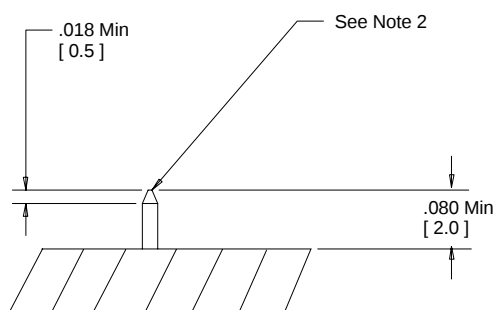
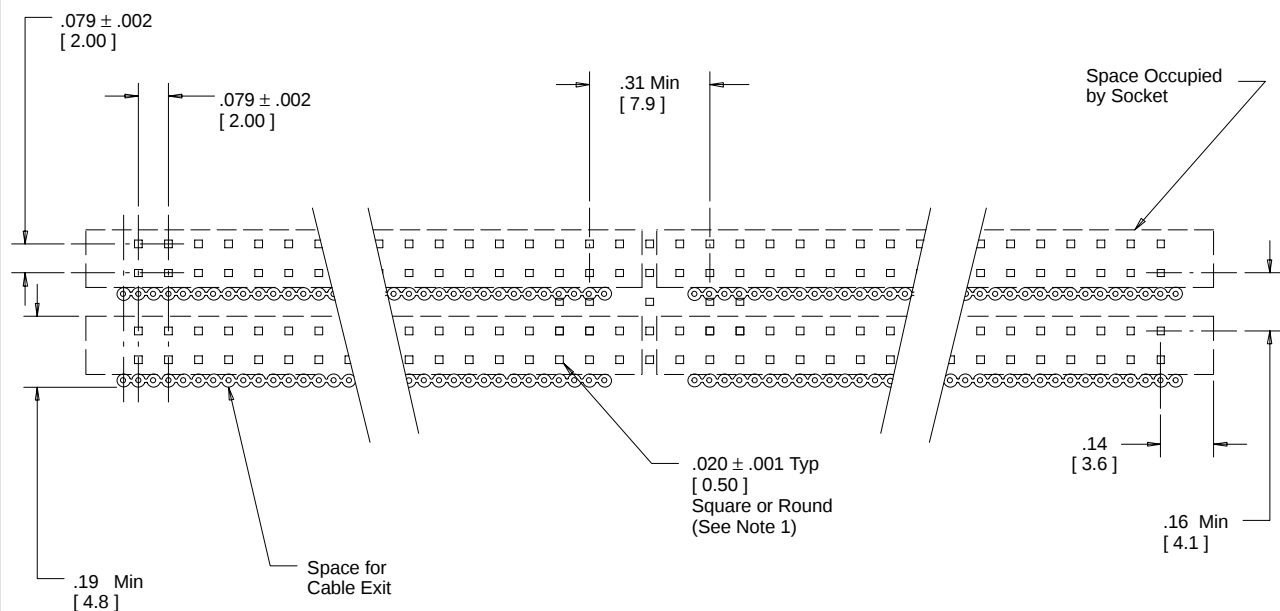
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2mm × 2mm Wiremount Socket 1mm Pitch Cable

1522 Series



Mating Pin Detail

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]

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.

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Sheet 3 of 3

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