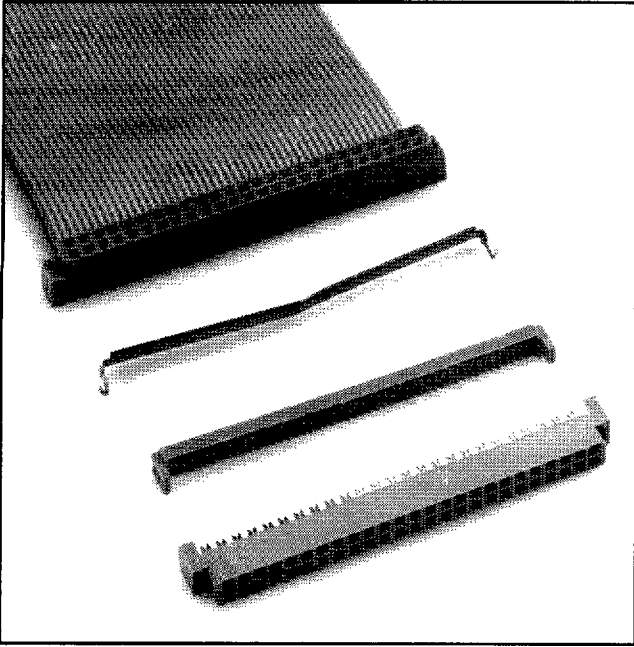


2mm Wiremount Socket

1mm Pitch Cable

152 Series



- Industry standard compatible
- Mates with 2mm X 2mm grid pin strips
- Low profile
- Preassembled covers
- Available with and without strain relief
- Available with optional center bump polarity feature

21

TS-0523-03
Sheet 1 of 3

Physical

Insulation

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

Contact

Material: Beryllium Copper
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: -67°F to $+221^\circ\text{F}$

UL File No.: E86982
CSA File No.: LR 48869

3M Electronic Products Division ■ 9005413 0000060 564 ■

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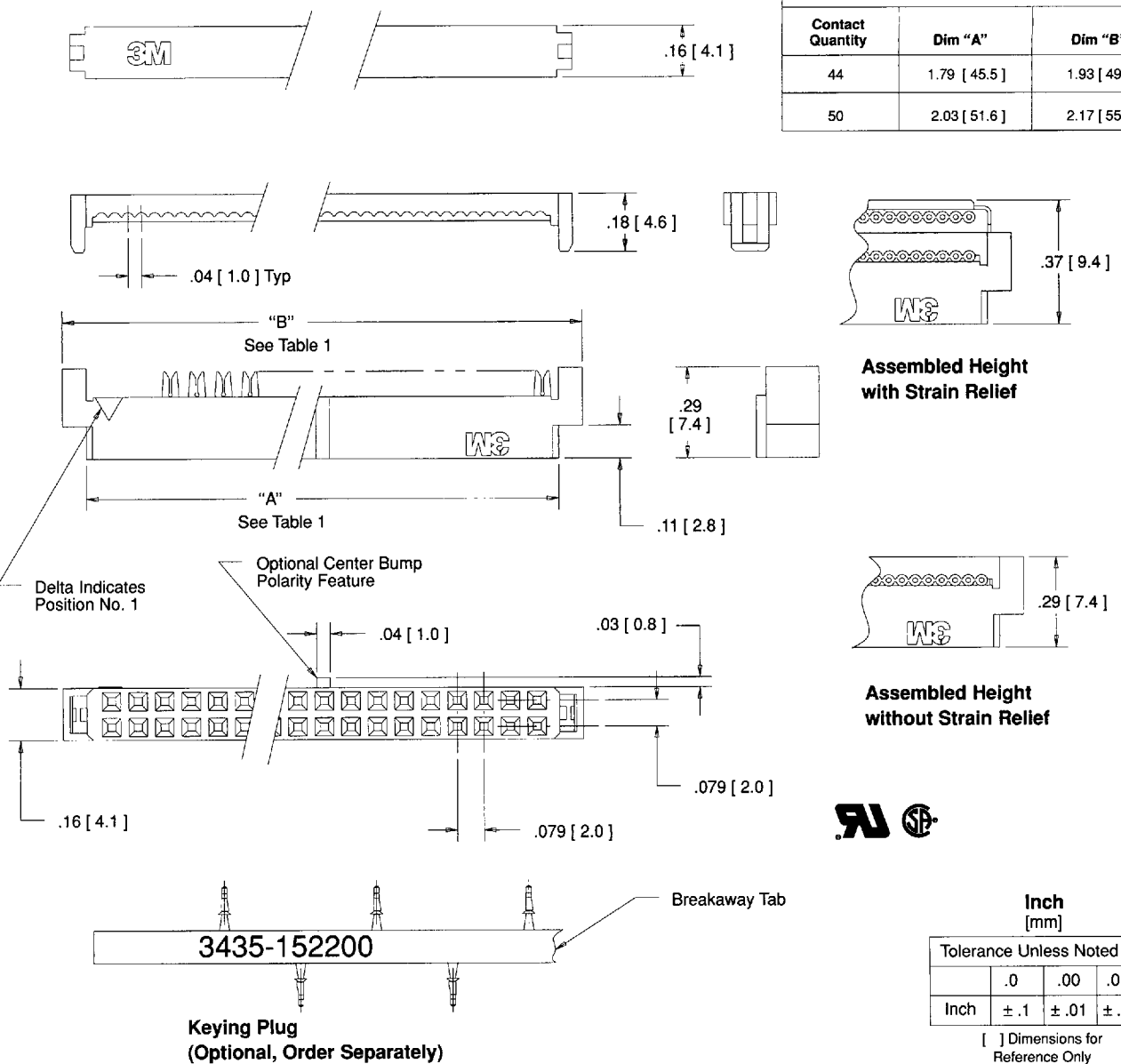
2mm Wiremount Socket

1mm Pitch Cable

152 Series

Contact Quantity	Dim "A"	Dim "B"
44	1.79 [45.5]	1.93 [49.0]
50	2.03 [51.6]	2.17 [55.0]

Sheet 2 of 3

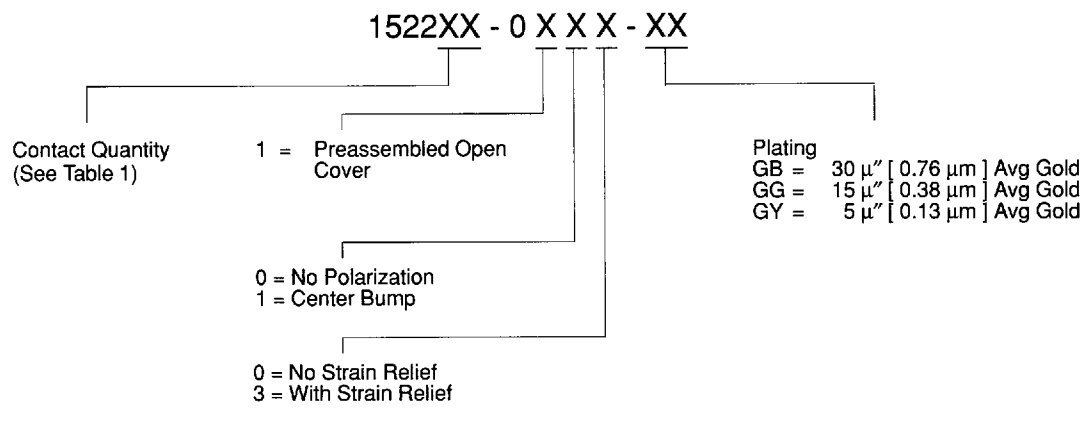


Inch [mm]			
Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for Reference Only

TS-0523-03

Ordering Information



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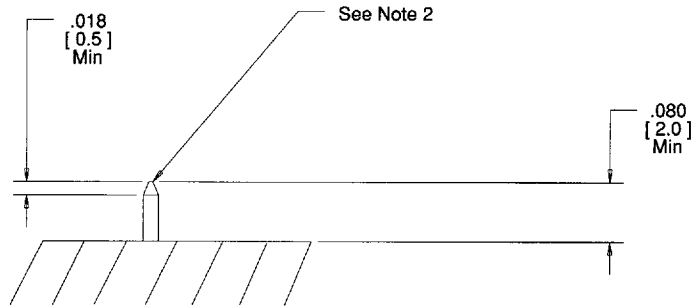
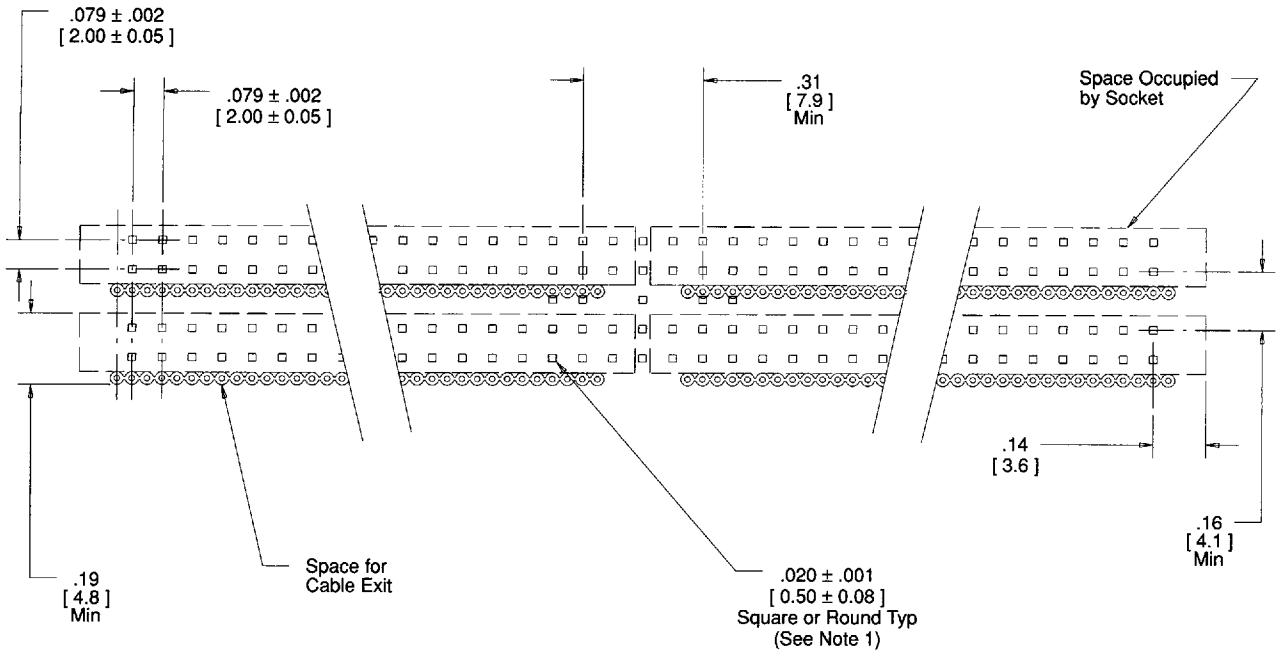
For technical, sales or ordering information call
800-225-5373

2mm Wiremount Socket

1mm Pitch Cable

152 Series

Sheet 3 of 3



TS-0523-03

Notes:

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

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

[] Dimensions for Reference Only

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