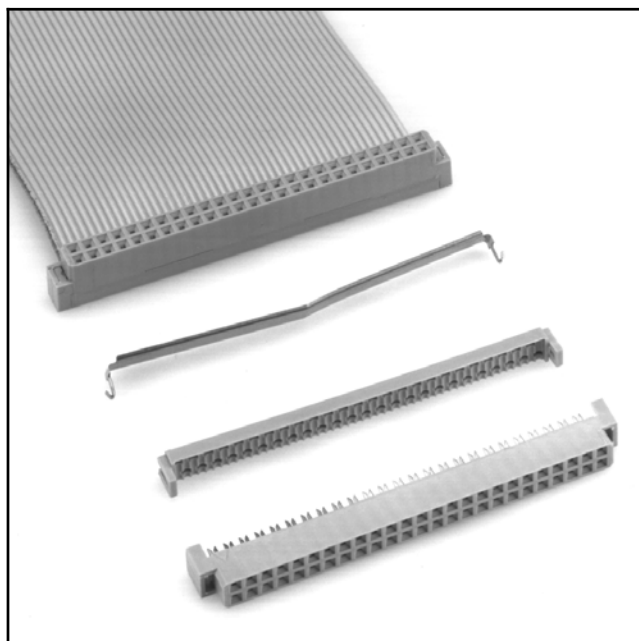


3M™ Pak 20 Wiremount Socket

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

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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:

Underplating and U-Slot: 50-150 μ" [1.27-3.81 μm] 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

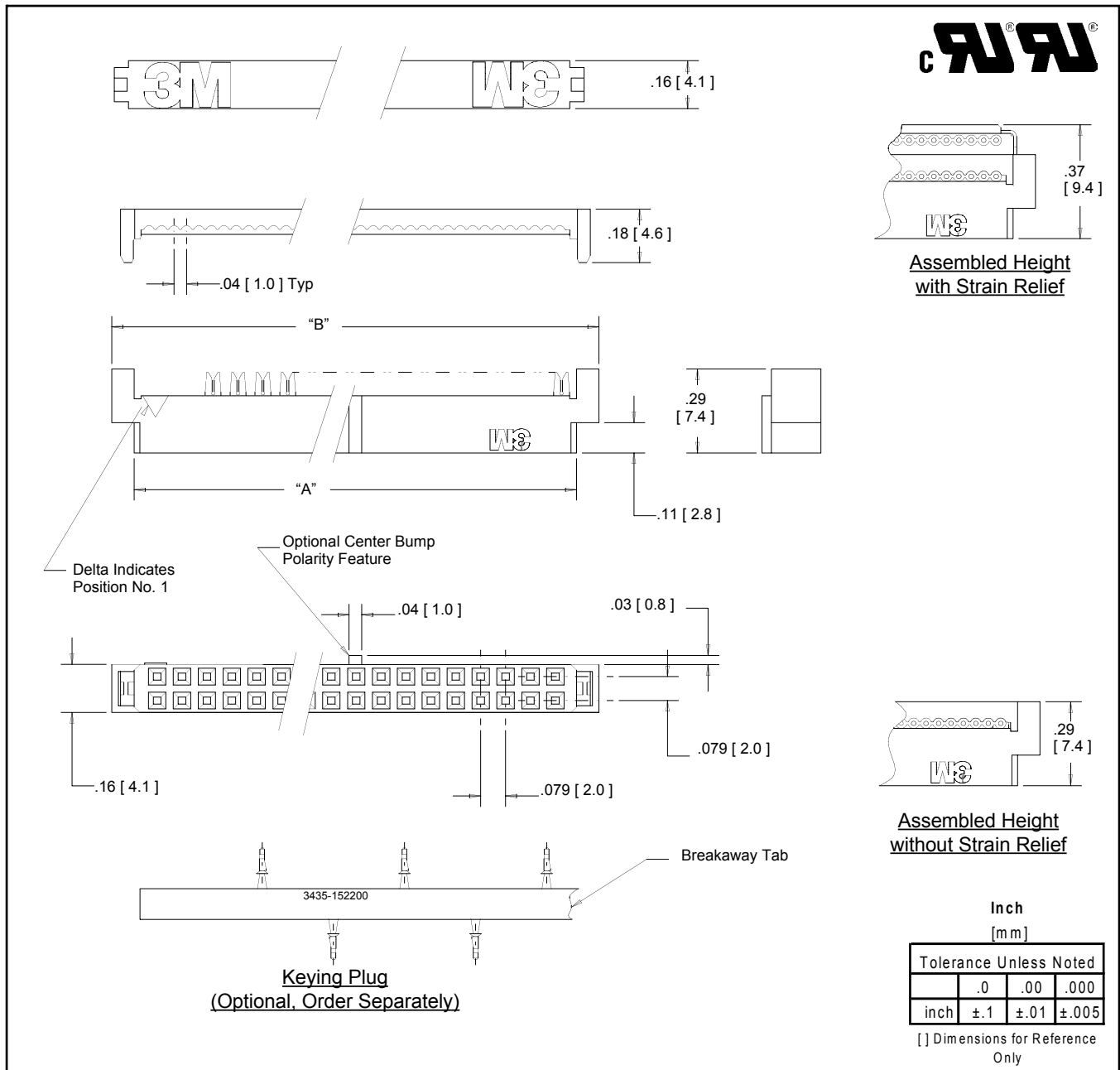
UL File No.: E68080

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

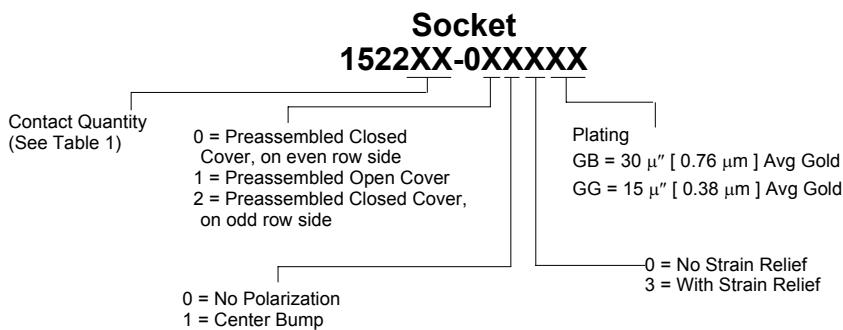
3M™ Pak 20 Wiremount Socket

2 mm × 2 mm for 1 mm Pitch Cable

1522 Series



Ordering Information



Strain Relief 3448-1522XX

Contact Quantity (See Table 1)

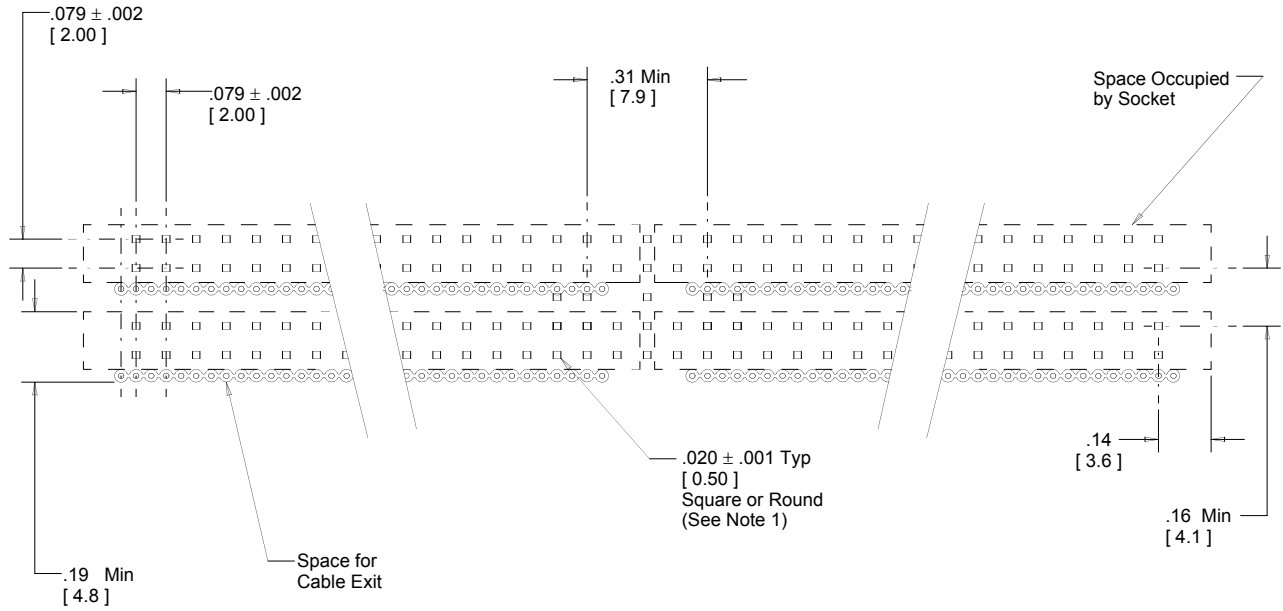
Application tools: 3640 press (or equivalent), 3443-118 locator plate, 3442-9 platen.

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Sheet 2 of 3

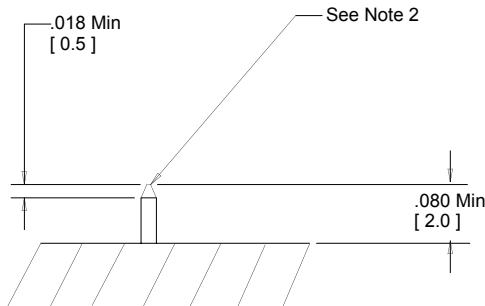
3M™ Pak 20 Wiremount Socket

2 mm × 2 mm for 1 mm Pitch Cable

1522 Series



| 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.

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Sheet 3 of 3

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