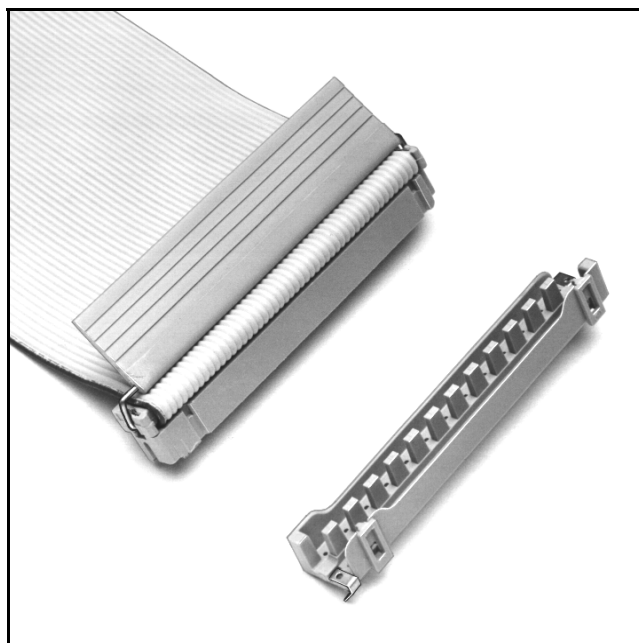


3M™ Wiremount Socket

.100" × .200" for .050" Pitch Cable

3000 Series



- Available in 20, 26, 34, 40 and 50 position
- Keying pinless shroud provides polarization
- Keying plug 3497-1 allows keying without pin loss
- Positive locking metal "J" clip provides high cover retention
- Optional strain relief and pull tab
- Retainer clips add up to 20 pounds pin retention for the pin shroud
- Pin shroud corner stops ensure proper pin height for mating socket
- Optional polarizing key 3518 provides polarization of socket connectors
- RoHS* compliant

Date Modified: January 25, 2011

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Sheet 1 of 4

Physical

Insulation

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

Contact

Material: Copper Alloy
J-Clip Material: Stainless Steel

Plating:

Underplating and U-Slot: 100 μ " [2.54 μ m] Nickel
Wiping Area: 30 μ " [0.76 μ m] Gold
Wire Accommodation: 26 and 28 AWG Stranded

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

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 1000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

**RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E68080



Interconnect Solutions

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

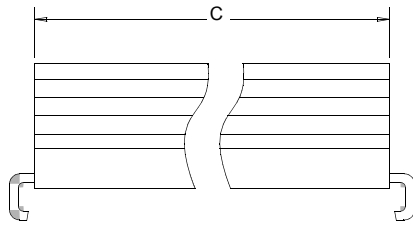
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3M™ Wiremount Socket

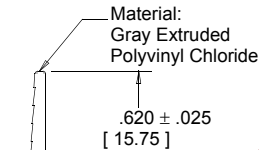
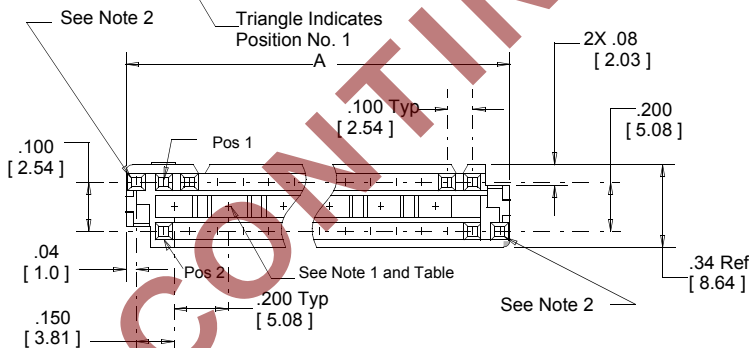
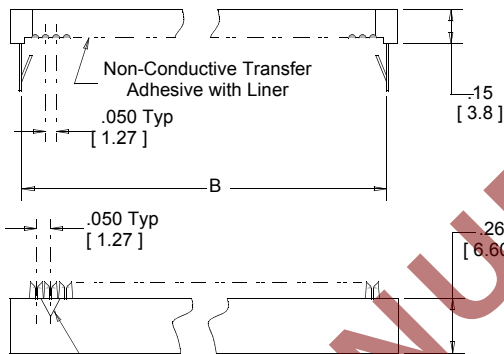
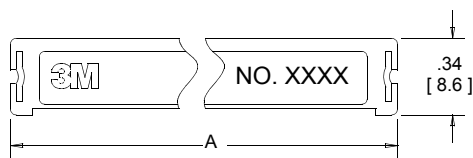
.100" × .200" for .050" Pitch Cable

3000 Series

Contact Quantity	3M Part Number		Dimensions			Keying Slots Provided
	Socket	Strain Relief	A	B	C Ref	
20	3575-0000	3448-30	1.18 [30.0]	1.06 [26.9]	1.0 [25]	4
26	3501-0000	3448-28	1.48 [37.6]	1.36 [34.5]	1.3 [33]	6
34	3310-0000	3448-29	1.88 [47.8]	1.76 [44.7]	1.7 [43]	8
40	3318-0000	3448-27	2.18 [55.4]	2.06 [52.3]	2.0 [51]	9
50	3307-0000	3448-17	2.68 [68.1]	2.56 [65.0]	2.5 [64]	12



Optional Strain Relief 3M Part No. 3448-XX

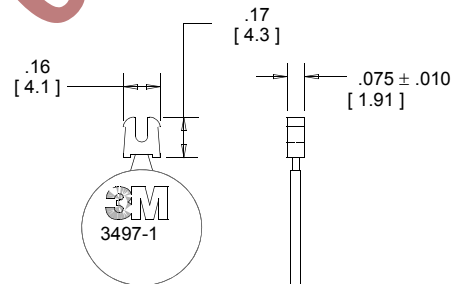


Material:
Nickel Plated Steel Music
Wire, $\varnothing$.043 [1.09]



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

[] Dimensions for Reference Only



Optional Keying Plug
3M Part No. 3497-1

Material: Gray Polyester (PBT)

Notes:

1. These holes accept 3M Keying Plug 3497-1 for keying the socket connector without pin loss.
2. Guide holes for Pinless Shroud.
3. Order Pinless Shroud separately.

Ordering Information

Sockets
XXXX-0000

Socket Series: See Table for 3M Part Number

Strain Relief
3448-XX

3M Part Number:
See Table

Assembly tools: 3M™ Press 3640 (or equivalent), 3M™ Locator Plate 3443-94, 3M™ Platen 3442-9.

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Interconnect Solutions

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

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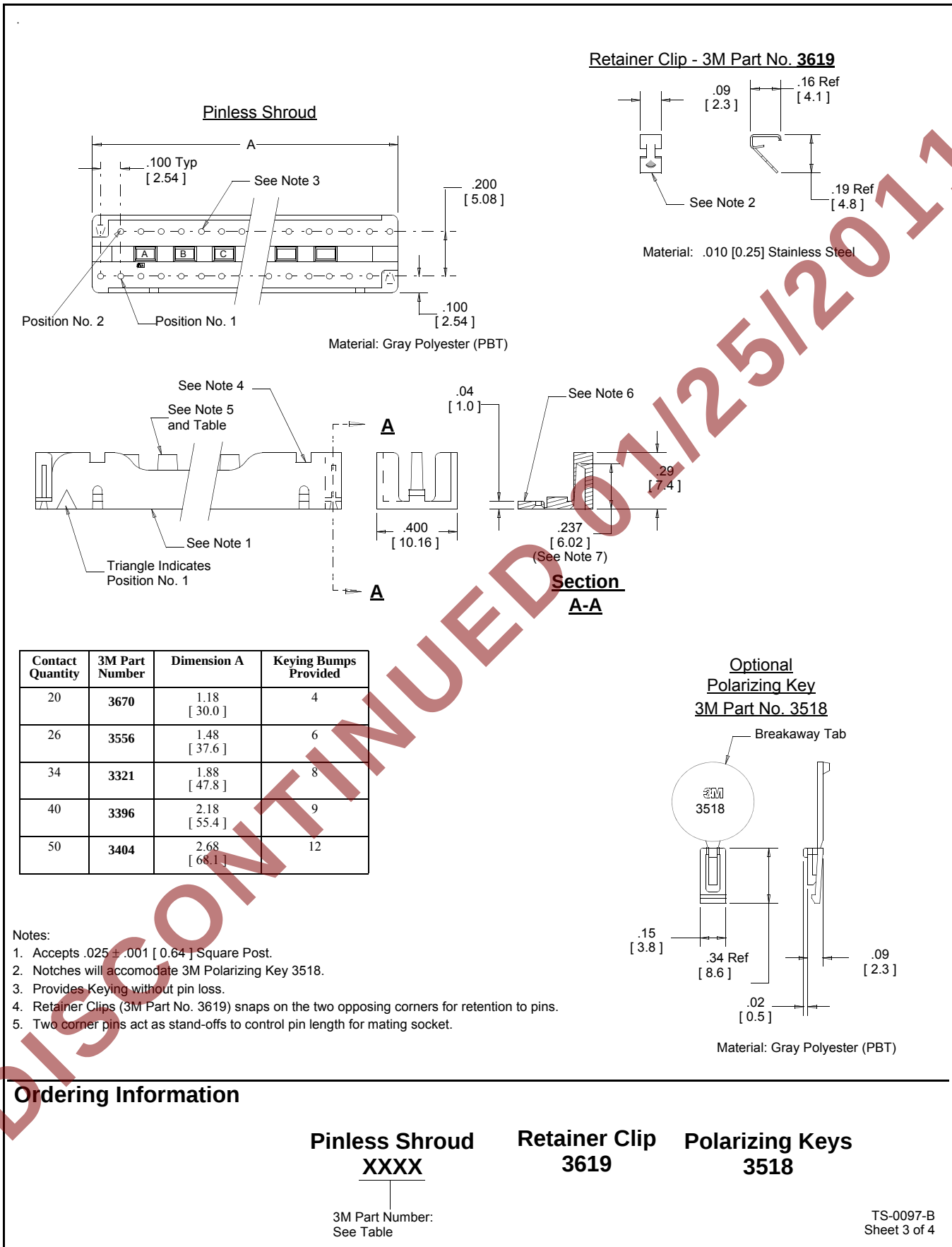
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3M™ Wiremount Socket

.100" × .200" Shroud For Keying Wiremount Socket

3000 Series



3M

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3000 Series



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