

3M™ Wiremount Socket

.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief) 3000 Series



- Industry standard IDC socket
- Optional plastic or low profile metal strain relief
- Positive locking metal "J" clips provide high cover retention
- Mates with 3M headers, plugs and pin strips for quick connect/disconnect capability
- Open or closed end covers available
- Accepts flat cable or discrete wire
- Military polarization, with or without centerbump
- RoHS* Compliant

Date Modified: February 20, 2007

TS-0718-09
Sheet 1 of 3

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 μm] Nickel

Wiping Area: 30 μ" [0.76 μm] Gold

Wire Accommodation: 26 and 28 AWG Solid and 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

3M™ Wiremount Socket

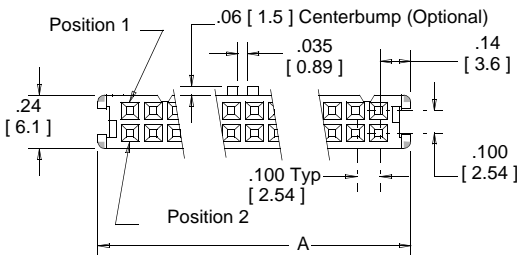
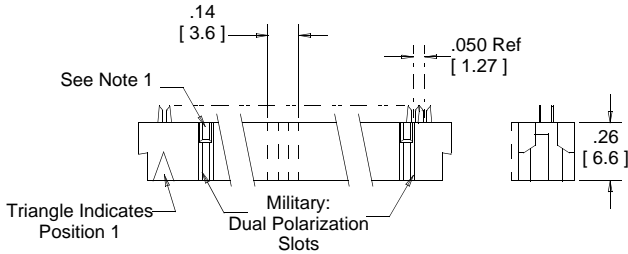
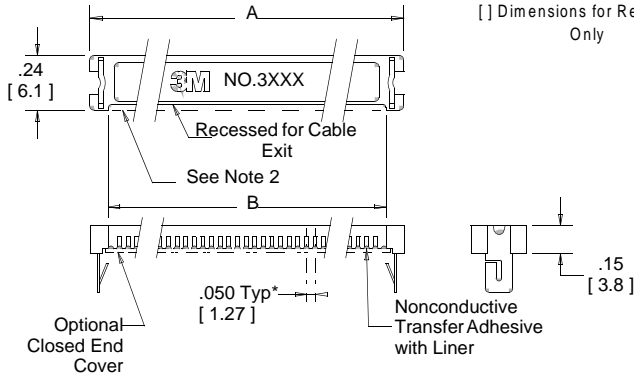
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Inch
[mm]

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

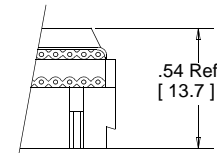
[] Dimensions for Reference Only



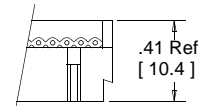
Notes:

1. This polarizing groove is non-existent on 3385 and 3473 Series.
2. The optional high cable-profile cover for cable thicker than .040 [1.02] (does not have cable exit recess).
3. The low profile strain relief can be used with the 4600 Series Plug and .1 x .1 Headers with ejector latches. The latches will only function as an ejector.

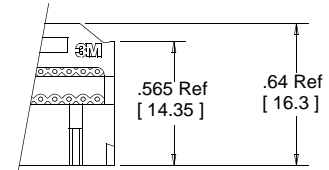
Contact Quantity	Dimensions		
	Socket Series	A	B
10	3473	0.68 [17.3]	0.54 [13.7]
14	3385	0.88 [22.4]	0.74 [18.8]
16	3452	0.98 [24.9]	0.84 [21.3]
20	3421	1.18 [30.0]	1.04 [26.4]
24	3626	1.38 [35.1]	1.24 [31.5]
26	3399	1.48 [37.6]	1.34 [34.0]
30	3419	1.68 [42.7]	1.54 [39.1]
34	3414	1.88 [47.8]	1.74 [44.2]
36	9436	1.98 [50.3]	1.84 [46.7]
40	3417	2.18 [55.4]	2.04 [51.8]
44	9444	2.38 [60.5]	2.24 [56.9]
50	3425	2.68 [68.1]	2.54 [64.5]
60	3334	3.18 [80.8]	3.04 [77.2]



Assembled Height with Metal Profile Strain Relief



Assembled Height without Strain Relief



Assembled Height with Plastic Strain Relief

Ordering Information

Sockets XXXX-XX00

Socket Series:
See Table for
3M Part Number

Polarization:
0 = Military (Dual Slot)
6 = Centerbump and Military

Cover:
6 = Open End
(For Daisy Chaining or Bussing)
7 = Closed End (For End Cable Termination)
8 = Open End for Higher Profile Cables (60 Pos Only)
9 = Closed End for Higher Profile Cables (60 Pos Only)

Strain Relief
(Order Separately)
3448-X0XX

Keying Plug
(Order Separately)
3435-0

Type:
2 = Low Profile (Metal)
3 = Plastic

XX = "Contact Quantity"
See Table
(i.e. 50 for
a 50 Position
Strain Relief)

Pull Tabs
(Order Separately)
3490-X

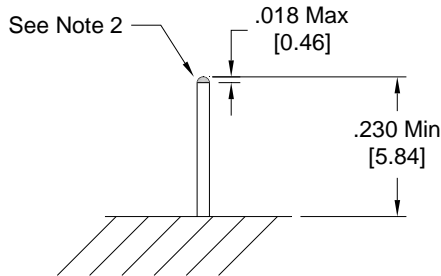
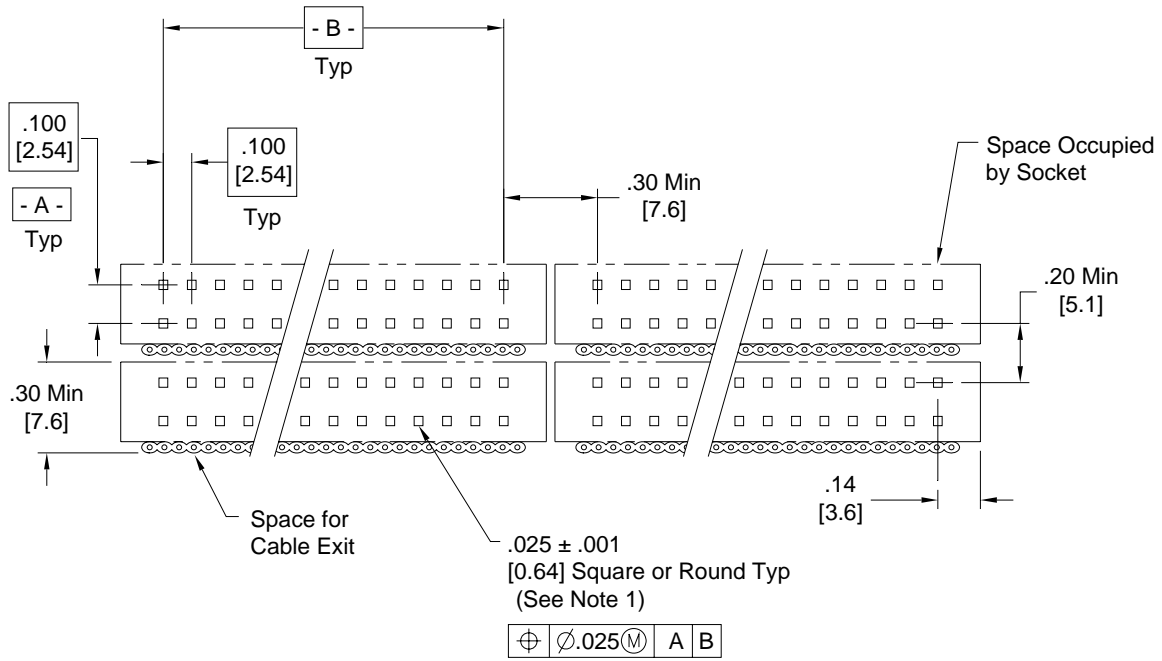
See TS-0720

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

TS-0718-09
Sheet 2 of 3

3M™ Wiremount Socket

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Recommended Post Pattern

TS-0718-09
Sheet 3 of 3

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Minimum 10%
Post-Consumer Fiber

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