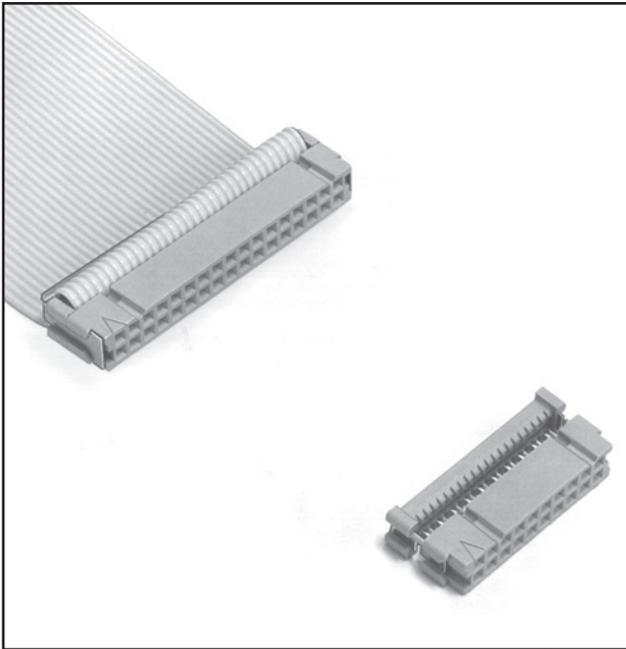


3M™ Wiremount Socket Preassembled

.100" × .100" .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
- Faster termination, lower applied cost and improved productivity
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: May 1, 2012

TS-0719-E
Sheet 1 of 2

Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact:

Material: Copper Alloy

Plating:

Underplating and U-Slot: 100 μ" [2.54 μm] Nickel - QQ-N-290, Class 2

Wiping Area: 30 μ" [0.76 μm] Gold, MIL-G-45204, Type II, Grade C

Wire Accommodation: 26 and 28 AWG Solid and Stranded

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

Electrical

| Current Rating: | 1 Line | 6 Adjacent Lines | All Lines |
|-----------------|--------|------------------|-----------|
| 26 AWG | 4.75 | 2.00 | 1.00 |
| 28 AWG | 4.50 | 1.75 | 1.00 |

Rating Conditions: EIA-364-070 Method 2, 30°C maximum temperature rise, 20% derated.
Reference appropriate 3M Product Specification for detailed current derating curves.

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

Withstanding Voltage: 1,000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

UL File No.: E68080

3M

Electronic Solutions Division
Interconnect Solutions
<http://www.3mconnectors.com>

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3M™ Wiremount Socket Preassembled

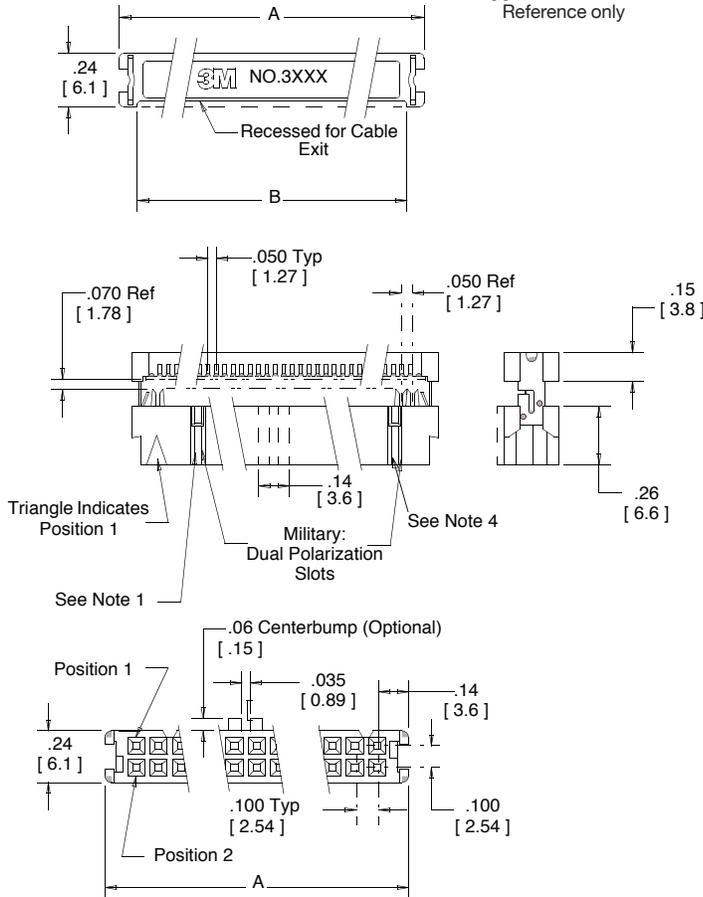
.100" × .100" .050" Pitch Cable (Optional Plastic or Metal Strain Relief)

3000 Series

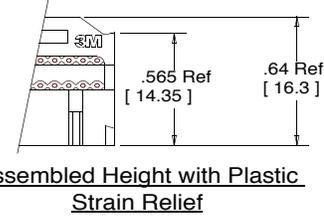
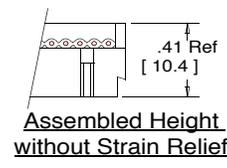
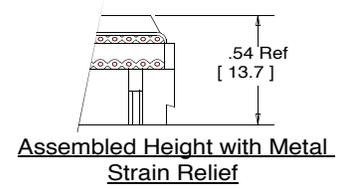


| Inch (mm) | | | |
|------------------------|------|-------|--------|
| Tolerance Unless Noted | | | |
| | .0 | .00 | .000 |
| Inch | ± .1 | ± .01 | ± .005 |

[] Dimensions for Reference only



| Contact Quantity | Dimensions | | |
|------------------|---------------|-------------|-------------|
| | Socket Series | A | B |
| 6 | 3863 | 0.48 [12.2] | 0.34 [8.6] |
| 8 | 3868 | 0.58 [14.7] | 0.44 [11.2] |
| 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] |



- Notes:
1. This polarizing groove is non-existent on 3863, 3868, 3385 and 3473 Series.
 2. 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.
 3. See TS-0721 for mating post pattern.
 4. This polarizing groove is non-existent on 3863 and 3868 Series for Polarization Option 6.

Ordering Information

Sockets
XXXX-XXXX

Socket Series:
 See Table for 3M Part Number

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

00 = No Strain Relief
 XX = Contact Quantity for Plastic Strain Relief 10-60 Position. (i.e. 50 for a 50 Position Strain Relief)
 05 = Plastic Strain Relief. 6 & 8 Position.
 06 = Metal Strain Relief 10-60 Position

Preassembled Cover Options:
 G= Open Cover, recess on odd row side
 H= Open Cover, recess on even row side
 J= Closed Cover, for end cable termination, recess on odd row side (10-60 Position Only)
 K= Closed Cover, for end cable termination, recess on even row side (10-60 Position Only)

Strain Relief
 (Order Separately)
3448-X0XX

Type:
 2 = Low Profile 10-60 Position (Metal)
 3 = Plastic

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

Keying Plug
 (Order Separately)
3435-0

Pull Tabs
 (Order Separately)
3490-X

See TS-0720

TS-0719-E
 Sheet 2 of 2

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