

## Solutions for Electronic Specialty Markets (ESM)

### Product Catalog for Electronic Specialty Markets

- 3M™ Electronic Specialty Markets - New Product Releases
- 3M™ Abrasives
- 3M™ Adhesives, Cleaners & Compounds
- 3M™ Breadboards & Test Clips
- 3M™ Cable & Assemblies
- 3M™ Copper Interconnects
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- 3M™ Wire Connectors

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## [Printer-friendly format](#) **3M™ .100 in. Wiremount Socket, .100" x .100", 26 Contacts, 3399-7626**



.100" x .100" for .050" Pitch Cable, Closed end cover (for end cable termination), Military and Centerbump Polarization, Plastic Strain Relief, Available options are 3448 Strain Relief, 3435-0 Keying Plug and 3490 Pull Tab, all ordered separately.

[\[click to enlarge\]](#)

GTIN(UPC/EAN) : 0 00 54007 33650 1  
3M Id : 80-6101-2104-0

### Additional Information

#### Learn More . . .

#### [Packaging Data](#)

[3M™ .100 in. WM Skt., .100" x .100" for .050" pitch cable, TS0718 - Data Sheet \(PDF 1.0 MB\)](#)

[3399-7626, 3D IGES, rev. 01 - 3D Models \(ZIP 142.9 K\)](#)

[3399-7626, 3D Parasolid, rev. 01 - 3D Models \(ZIP 126.6 K\)](#)

[3399-7626, 3D Step, rev. 01 - 3D Models \(ZIP 106.5 K\)](#)

#### Please Note:

Adobe® Acrobat® Reader is required to view PDF documents.



### Characteristics

|   |  |
|---|--|
| <b>China RoHS - Below MCV</b>           | Yes                                    |
| <b>Conductor Accommodation</b>          | 26 & 28 AWG Solid or Stranded          |
| <b>Connector Cover Style</b>            | MetalClip Separate ClosedEnd, NoRecess |
| <b>Contact Material</b>                 | Copper Alloy                           |
| <b>Contact Termination Area Plating</b> | None                                   |
| <b>Contact Underplating</b>             | 100 µ" [2.54 µm] Nickel                |
| <b>Contact Wiping Area Plating</b>      | 30 µ" [0.76 µm] Gold                   |
| <b>Current Rating</b>                   | 1 Ampere                               |
| <b>EPC Can View</b>                     | Contract Only                          |
| <b>EU RoHS Compliant</b>                | Yes                                    |

|                                       |  |
|---------------------------------------|--|
| <b>Insulation Color</b>               | Gray   |
| <b>Insulation Flammability Rating</b> | UL 94V-0   |
| <b>Insulation Material</b>            | Glass Filled Polyester (PBT)                                 |
| <b>Insulation Resistance</b>          | >1 X 10 <sup>9</sup> Ohms @ 500 Vdc                          |
| <b>Interface Grid</b>                 | .100" x .100"  |
| <b>Interface Style</b>                | Rectangular Socket   |
| <b>Markings</b>                       | 3M Logo, Part Identification Number and Orientation Triangle |
| <b>Non-Operating Temperature</b>      | -55 to 105 Degree Celsius                                    |
| <b>Number of Contact Rows</b>         | 2  |
| <b>Number of Contacts</b>             | 26   |
| <b>Pitch</b>                          | 0.100 Inch   |
| <b>Polarization</b>                   | Dual Slots & Centerbump                                      |
| <b>Primary Trademark Name</b>         | 3M   |
| <b>Separable</b>                      | Yes  |
| <b>Strain Relief Type</b>             | Plastic  |
| <b>Termination Method</b>             | Insulation Displacement                                      |
| <b>Termination Style</b>              | Multiple Wires   |
| <b>Withstanding Voltage</b>           | 1000 Vrms at Sea Level                                       |

# 3M™ Wiremount Socket

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

3000 Series



- Industry standard IDC socket
- 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
- Transfer adhesive on covers provides precision alignment between connector and cables resulting in high yield terminations
- Availability of pull tab to facilitate proper unplugging
- Availability of 2 types of strain relief (standard and low profile) to isolate the IDC interface
- Set the standard for MIL spec and IEC standardization
- Availability of Military and Center Bump polarization
- See Regulatory Information Appendix for chemical compliance information

Date Modified: January 10, 2008

TS-0718-B  
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## 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<sub>DC</sub>

**Withstanding Voltage:** 1000 V<sub>RMS</sub> at Sea Level

## Environmental

**Temperature Rating:** -55°C to +105°C

UL File No.: E68080

**3M**

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

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**800-225-5373**

# 3M™ Wiremount Socket

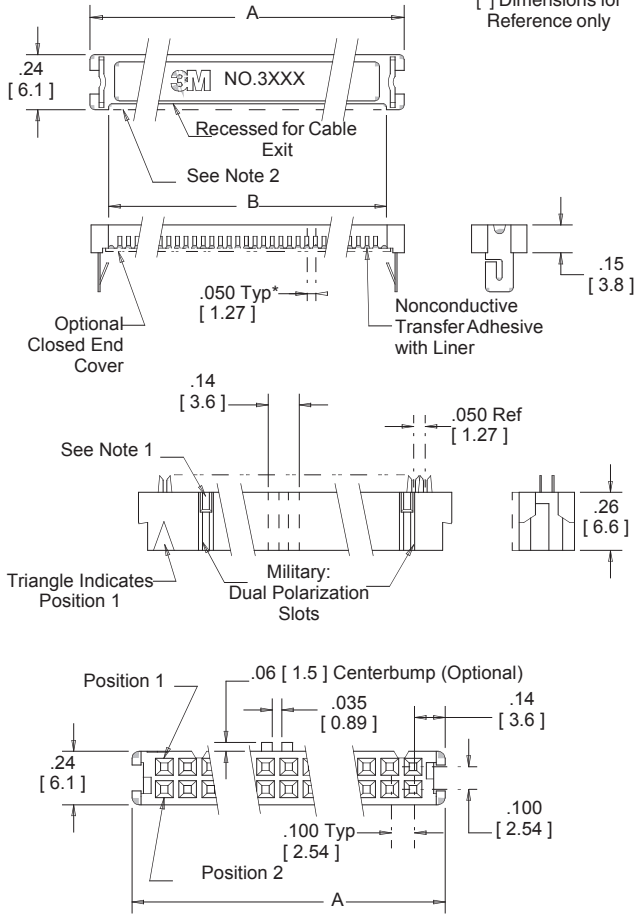
.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)

3000 Series



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

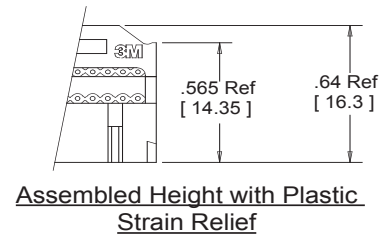
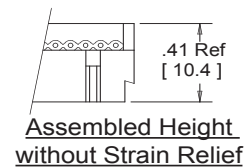
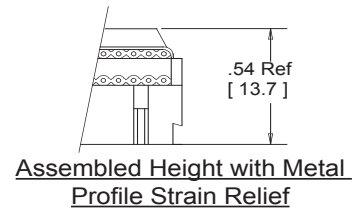
[ ] Dimensions for Reference only



**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 ] |



**Ordering Information**

**Sockets**  
**XXXX-XX00** RIA (E1 & C1 Apply)

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**

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

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

**Keying Plug**  
 (Order Separately)  
**3435-0**

**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.

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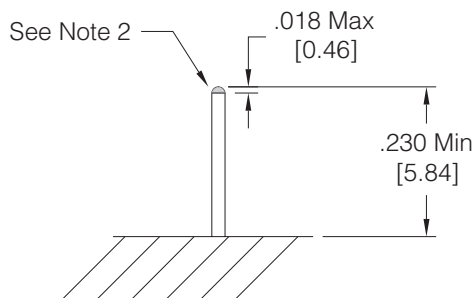
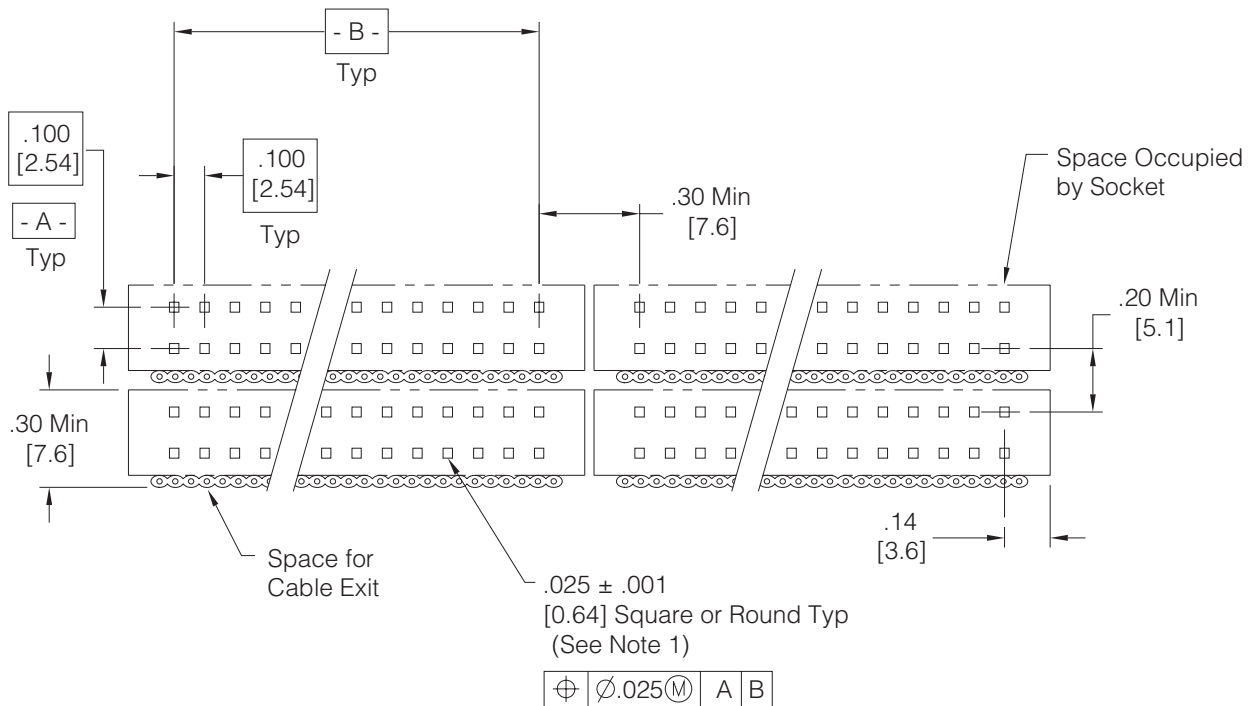
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# 3M™ Wiremount Socket

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

3000 Series



## Recommended Post Pattern

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