

▼ 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", 10 Contacts, 3473-6010**



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

GTIN(UPC/EAN) : 0 00 54007 31558 2
3M Id : 80-6100-7892-7

.100" x .100" for .050" Pitch Cable, Open end cover (for daisy chaining or bussing), Military Polarization (Dual Slot), Plastic Strain Relief, Available options are 3448 Strain Relief, 3435-0 Keying Plug and 3490 Pull Tab, all ordered separately.

Additional Information

Learn More . . .

[Packaging Data](#)

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

[3473-6010, 3D IGES, rev. 01 - 3D Models \(ZIP 109.2 K\)](#)

[3473-6010, 3D Parasolid, rev. 01 - 3D Models \(ZIP 90.1 K\)](#)

[3473-6010, 3D Step, rev. 01 - 3D Models \(ZIP 82.5 K\)](#)

Please Note:

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



Characteristics

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

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

UL File No.: E68080



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

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800-225-5373

3M™ Wiremount Socket

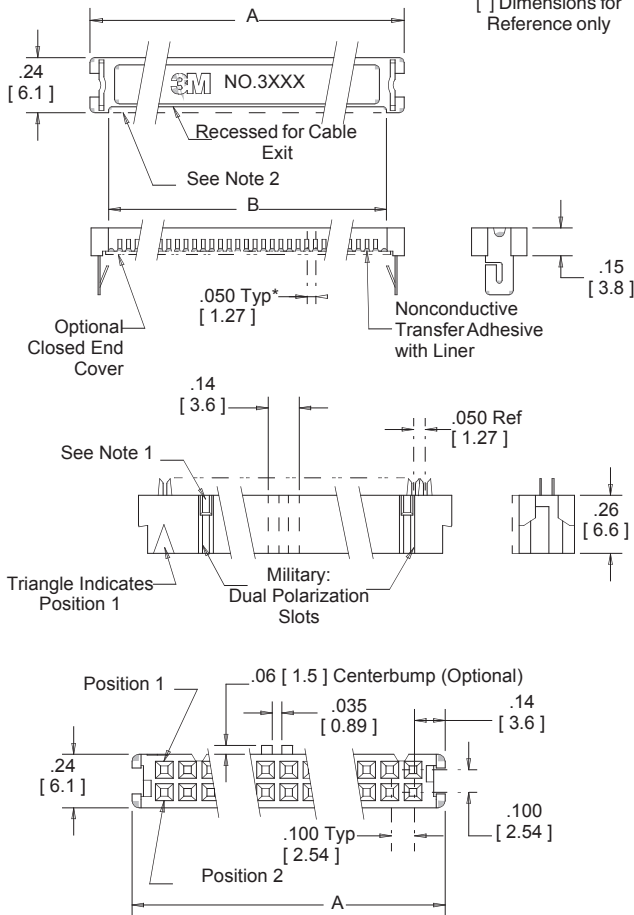
.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)

3000 Series



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

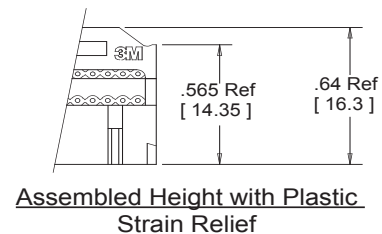
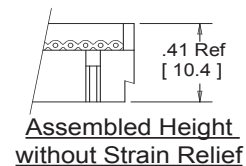
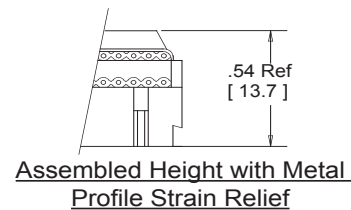
[] Dimensions for Reference only



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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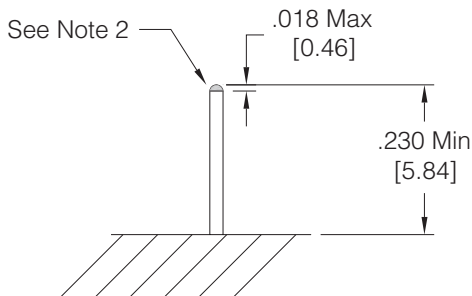
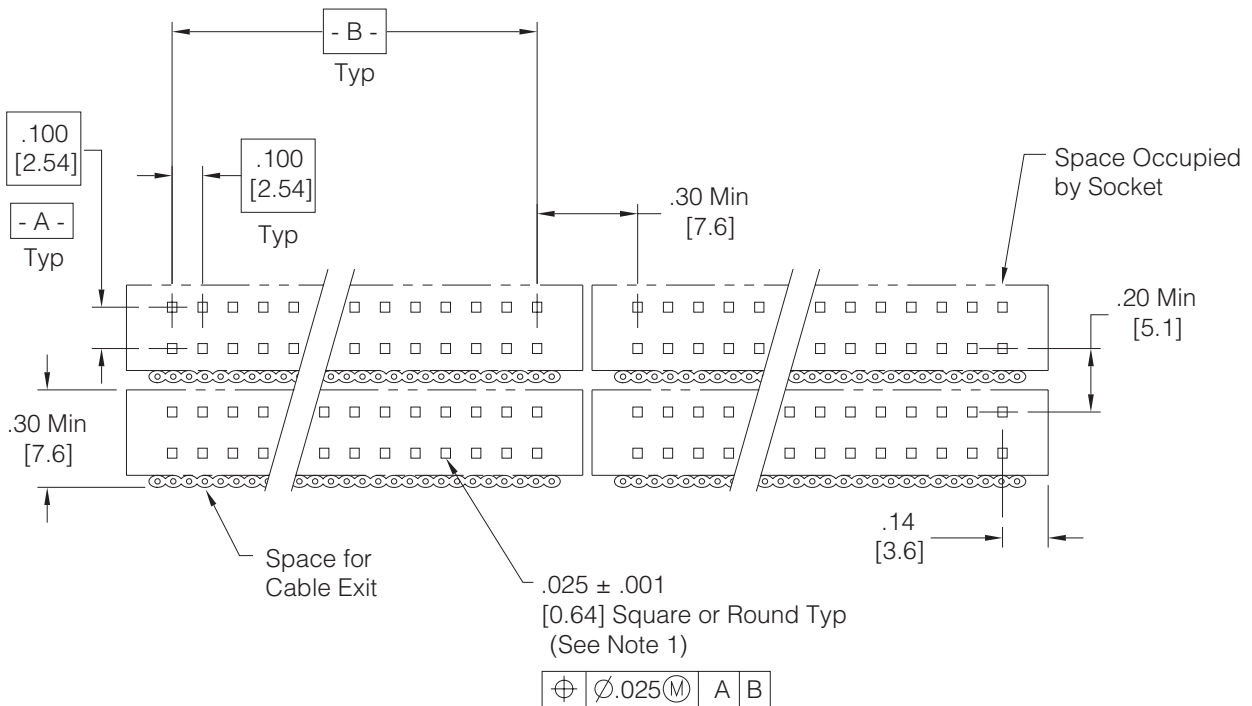
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3M™ Wiremount Socket

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

3000 Series



Recommended Post Pattern

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