

# .100" × .100" Wiremount Socket

.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

Date Modified: September 17, 1999

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## Physical

### Insulation

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

### Contact

Material: Copper Alloy  
Plating  
Underplate & U-Slot: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel — QQ-N-290, Class 2  
Wiping Area: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold — MIL-G-45204, Type II, Grade C

**Wire Accommodation:** 26 & 28 AWG Solid or Stranded

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

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## Electrical

**Current Rating:** 1 A  
**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 500 Vdc  
**Withstanding Voltage:** 1000 Vrms at Sea Level

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## Environmental

**Temperature Rating:**  $-55^\circ\text{C}$  to  $+105^\circ\text{C}$

UL File No.: E68080

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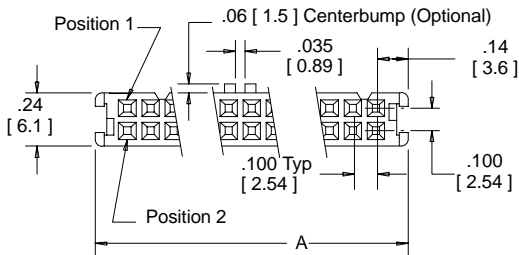
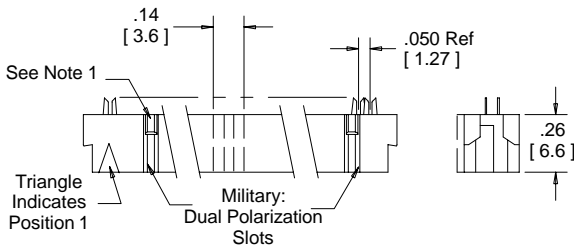
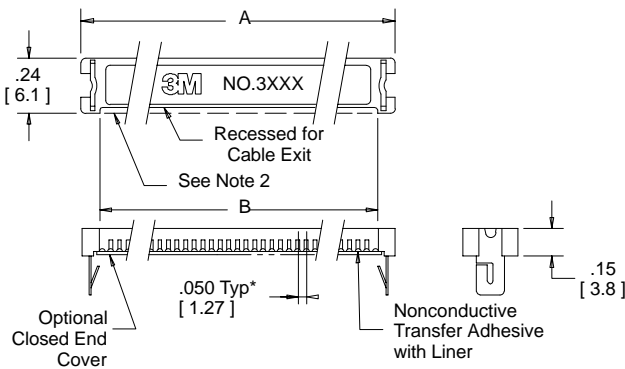
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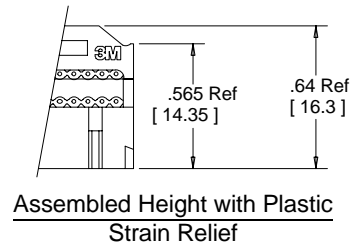
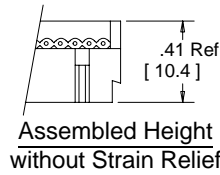
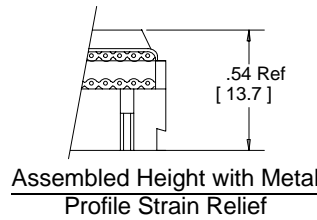
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**800-225-5373**

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

3000 Series



Contact Quantity	Dimensions			
	Socket Series	A	B	C
10	3473	0.68 [ 17.3 ]	0.54 [ 13.7 ]	0.62 [ 15.7 ]
14	3385	0.88 [ 22.4 ]	0.74 [ 18.8 ]	0.82 [ 20.8 ]
16	3452	0.98 [ 24.9 ]	0.84 [ 21.3 ]	0.92 [ 23.4 ]
20	3421	1.18 [ 30.0 ]	1.04 [ 26.4 ]	1.12 [ 28.4 ]
24	3626	1.38 [ 35.1 ]	1.24 [ 31.5 ]	1.32 [ 33.5 ]
26	3399	1.48 [ 37.6 ]	1.34 [ 34.0 ]	1.42 [ 36.1 ]
30	3419	1.68 [ 42.7 ]	1.54 [ 39.1 ]	1.62 [ 41.1 ]
34	3414	1.88 [ 47.7 ]	1.74 [ 44.2 ]	1.82 [ 46.2 ]
36	9436	1.98 [ 50.3 ]	1.84 [ 46.7 ]	1.92 [ 48.8 ]
40	3417	2.18 [ 55.4 ]	2.04 [ 51.8 ]	2.12 [ 53.8 ]
44	9444	2.38 [ 60.5 ]	2.24 [ 56.9 ]	2.32 [ 58.9 ]
50	3425	2.68 [ 68.1 ]	2.54 [ 64.5 ]	2.62 [ 66.5 ]
60	3334	3.18 [ 80.8 ]	3.04 [ 77.2 ]	3.12 [ 79.2 ]



**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.
4. See TS-0721 for mating post pattern.

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

[ ] Dimensions for Reference only

## Ordering Information

### Sockets XXXX-XXXX

- |   |   |  |
|---|---|--|
| Socket Series:<br>See Table for<br>3M Part Number | Polarization:<br>0 = Military (Dual Slot)<br>6 = Centerbump and<br>Military | Strain Relief:<br>00 = No Strain Relief<br>XX = "Contact Quantity"<br>for Plastic<br>Strain Relief<br>(i.e. 50 for a 50<br>Position Strain Relief) |
|---|---|--|
- 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: \_\_\_\_\_ XX = "Contact Quantity"  
2 = Low Profile See Table  
(Metal) (i.e. 50 for  
3 = Plastic a 50 Position  
Strain Relief)

See TS-0720

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

### Pull Tabs (Order Separately) 3490-X

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