

# 3M™ Pak 100 Wiremount Socket

[查询3085-06XX供应商](#)

[捷多邦专业PCB打样工厂, 24小时加急出货](#)

.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: January 28, 2005

TS-0718-08

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 & 28 AWG Solid & Stranded

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

## Electrical

Current Rating: 1 A

Insulation Resistance:  $> 1 \times 10^9 \Omega$  at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

## Environmental

Temperature Rating: -55°C to +105°C

UL File No.: E68080

\*RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

3M is a trademark of 3M Company.

For technical sales or ordering information call

Interconnect Solutions



# 3M™ Pak 100 Wiremount Socket

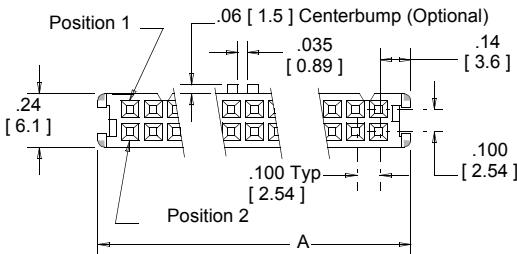
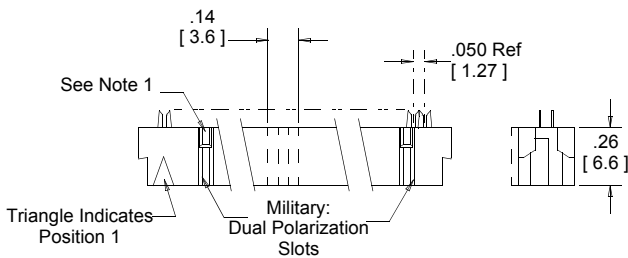
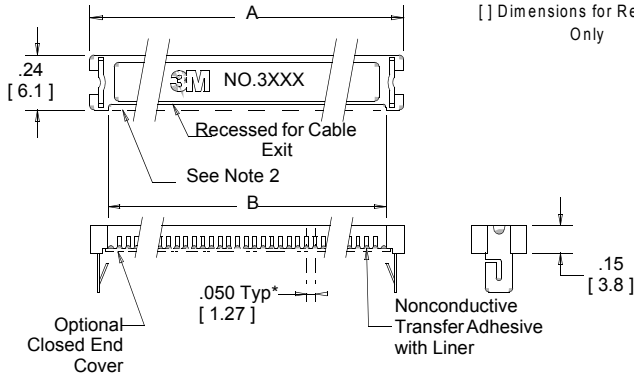
.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief) 3000 Series



Inch  
[mm]

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

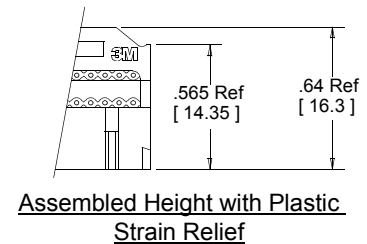
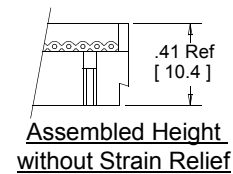
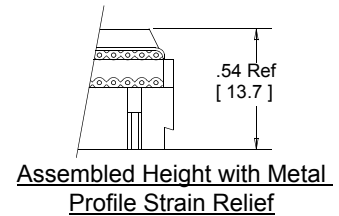
[ ] Dimensions for Reference Only



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

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 [ 47.7 ]	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-XXXX

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:  
00 = No Strain Relief  
XX = "Contact Quantity"  
for Plastic  
Strain Relief  
(i.e. 50 for a 50  
Position Strain  
Relief)

### Strain Relief (Order Separately) 3448-X0XX

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

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

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: 3640 press (or equivalent), 3443-94 locator plate, 3442-9 platen.

TS-0718-08  
Sheet 2 of 2

### **Important Notice**

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

### **Warranty; Limited Remedy; Limited Liability.**

This product will be free from defects in material and manufacture for a period of 1 year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



#### **Electronic Solutions Division**

6801 River Place Blvd.  
Austin, TX 78726-9000



Minimum 10% recycled content

Printed in USA.

© 2005 3M