.100″ × .100″ Wiremount Socket

.050″ Pitch Cable (Optional Plastic or Metal Strain Relief) 3000 Series

38

- 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 Issued: February 19, 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 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 or Stranded
Marking:	3M Logo, Part Identification Number and Orientation Triangle

Electrical

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

Environmental

Temperature Rating:	–55°C to +105°C

UL File No.: E68080

3M Electronic Products Division
6801 River Place Blvd.
Austin, TX 78726-9000

For technical, sales or ordering information call
800-225-5373

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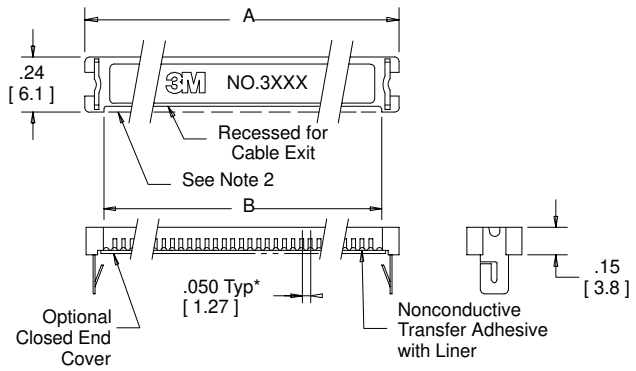
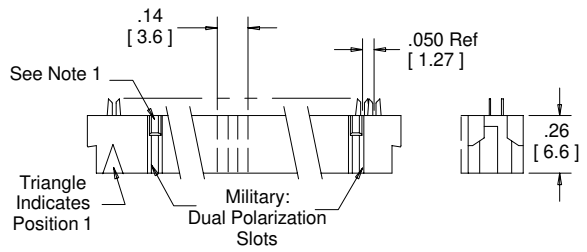
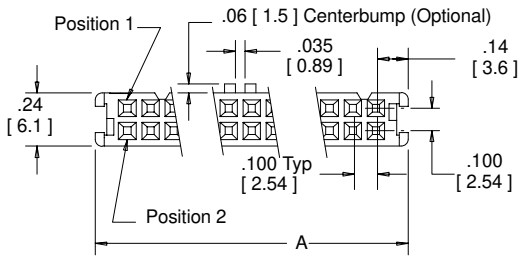
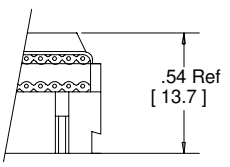
Contact Quantity	Dimensions			
	Socket Series	A	B	C
10	**3473**	0.68 [17.3]	0.54 [13.7]	0.62 [15.7]
14	**3385**	0.88 [22.4]	0.74 [18.8]	0.82 [20.8]
16	**3452**	0.98 [24.9]	0.84 [21.3]	0.92 [23.4]
20	**3421**	1.18 [30.0]	1.04 [26.4]	1.12 [28.4]
24	**3626**	1.38 [35.1]	1.24 [31.5]	1.32 [33.5]
26	**3399**	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]

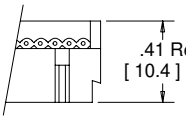




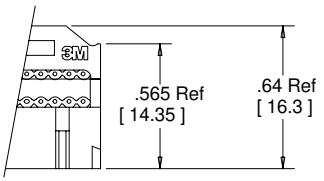




Assembled Height with Metal Profile Strain Relief



Assembled Height without Strain Relief



Assembled Height with Plastic Strain Relief

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.

Inch
[mm]

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

[ ] Dimensions for Reference only

Ordering Information

Sockets
XXXX-XXXX

Socket Series:
See Table for
3M Part Number

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)

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

Strain Relief:
00 = No Strain Relief
06 = Strain Relief (Metal)
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

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

See TS-0720

Keying Plug
(Order Separately)
3435-0

Pull Tabs
(Order Separately)
3490-X

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