

# 3M™ D Ribbon Wiremount Socket

Metal Faced

3000 Series



- Back mount application allows grounding directly to cabinet
- Uses standard hardware
- Accepts 26-28 AWG in .050" inch flat cable or discrete wire
- Contact design efficiency enables multiple insertion/withdrawals
- Accepts .050" inch round, flat or jacketed cable
- Optional bail mount kit available
- RoHS\* compliant

Date Modified: January 9, 2007

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## Physical

### Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

### Contact

Material: Copper Alloy

### Plating

Underplating: 100  $\mu$ " [ 2.54  $\mu$ m ] Nickel

Wiping Area: 30  $\mu$ " [ 0.76  $\mu$ m ] Gold

### Shell

Material: Steel

Plating: Bright Nickel

**Strain Relief Material:** Stainless Steel - 0.012 [ 0.30 ] Thick

Wire Accommodation: 26 and 28 AWG Solid or Stranded

**Marking:** 3M Logo, Part Number Identification, Position 1

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## Electrical

**Current Rating:** 1 A

**Insulation Resistance:**  $> 1 \times 10^9 \Omega$  at 500 V<sub>DC</sub>

**Withstanding Voltage:** 1000 Vrms at Sea Level

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## Environmental

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

"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E68080



Interconnect Solutions

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800-225-5373

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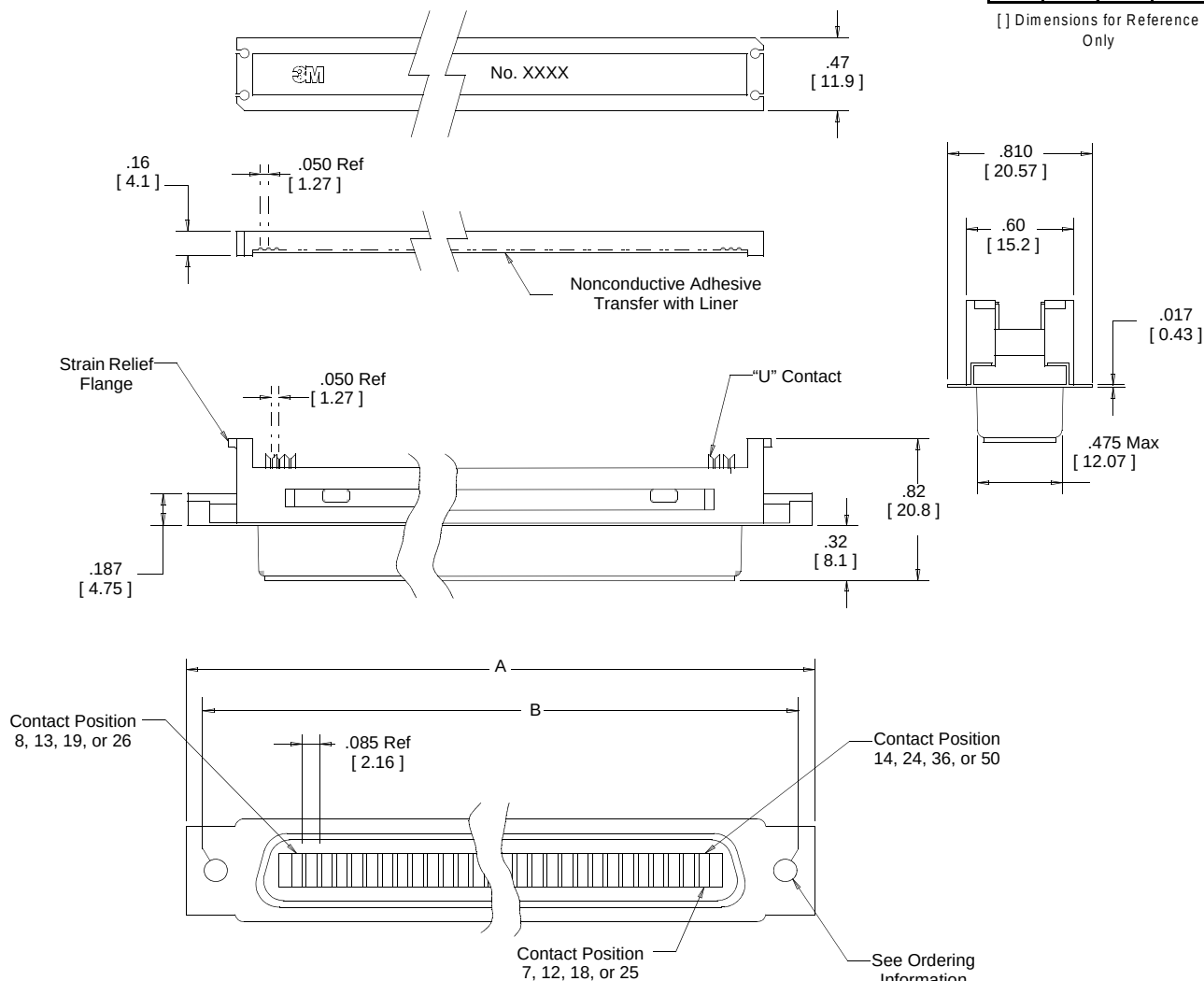
| Contact Quantity | 3M Part Number | Dimension     |               |               |
|------------------|----------------|---------------|---------------|---------------|
|                  |                | A             | B             | C             |
| 14               | 3573           | 1.75 [ 44.5 ] | 1.42 [ 36.1 ] | 1.28 [ 32.5 ] |
| 24               | 3549           | 2.17 [ 55.1 ] | 1.84 [ 46.7 ] | 1.70 [ 43.2 ] |
| 36               | 3367           | 2.68 [ 68.1 ] | 2.35 [ 59.7 ] | 2.21 [ 56.1 ] |
| 50               | 3565           | 3.27 [ 83.1 ] | 2.95 [ 74.9 ] | 2.81 [ 71.4 ] |



Inch  
[mm]

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

[ ] Dimensions for Reference Only



## Ordering Information

**Connector  
XXXX-200X**

Series  
See Table

0 = .158 [ 4.01 ] Dia Hole  
2 = #4-40 UNC Insert

**Strain Relief  
(Order Separately)  
3448-XX**

60 = 14 Position  
61 = 24 Position  
62 = 36 Position  
63 = 50 Position

**Optional 3475-X Bail  
Mount Kit  
(Order Separately)  
See TS-0142**

For recommended 3M™ Mating Connectors refer to TS-2203.

Assembly tools: 3M™ Press, 3640 (or equivalent) ; 3M™ Locator Plate, 3443-58; 3M™ Platen, 3442-9

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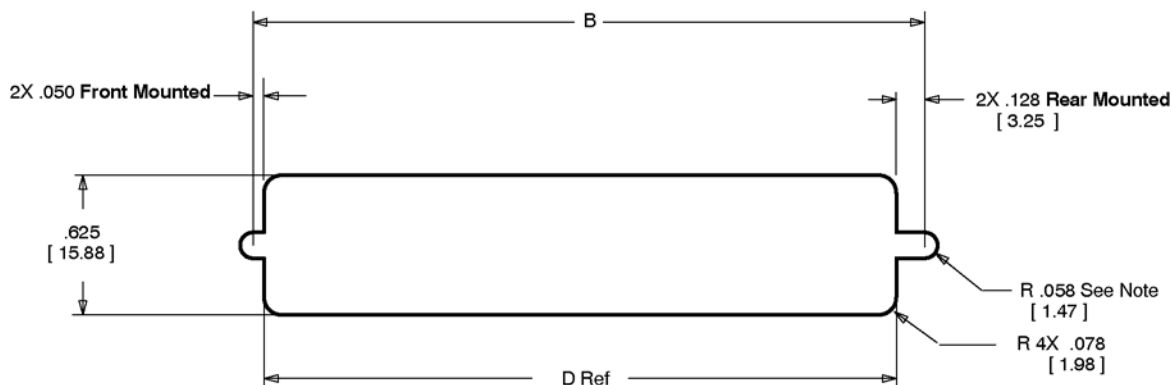
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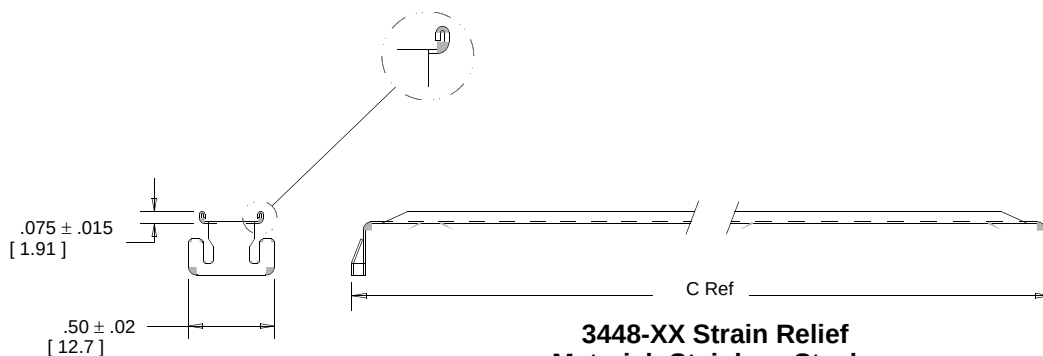
3000 Series



**Note:**

For rear mounting of connector with IEEE-488 Type 3M™ Jack Socket 3341-3, use .098" [ 2.49 mm ] R.

| Contact Quantity | 3M Part Number | Mounting Method | Dimension D     |
|------------------|----------------|-----------------|-----------------|
| 14               | 3573           | Front           | 1.315 [ 33.40 ] |
| 24               | 3549           | Front           | 1.740 [ 44.20 ] |
| 36               | 3367           | Front           | 2.250 [ 57.15 ] |
| 50               | 3565           | Front           | 2.845 [ 72.6 ]  |
| 14               | 3573           | Rear            | 1.160 [ 29.46 ] |
| 24               | 3549           | Rear            | 1.585 [ 40.26 ] |
| 36               | 3367           | Rear            | 2.095 [ 53.21 ] |
| 50               | 3565           | Rear            | 2.690 [ 68.33 ] |



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### 3M Electronics

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Minimum 10%  
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