

# 3M™ D Ribbon Wiremount Socket

Metal Faced with Attached Bail

3000 Series



- Integral bail lock reduces cost associated with packaging and handling
- Stamped metal face is smaller and lighter than cast metal
- Rear mount capability provides excellent grounding mechanism
- Uses existing locator plates
- RoHS\* compliant

Date Modified: January 9, 2007

TS-0284-15  
Sheet 1 of 3

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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

**Bail Material:** Steel

Plating: Zinc with Clear Chromate

**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

<http://www.3M.com/interconnects/>

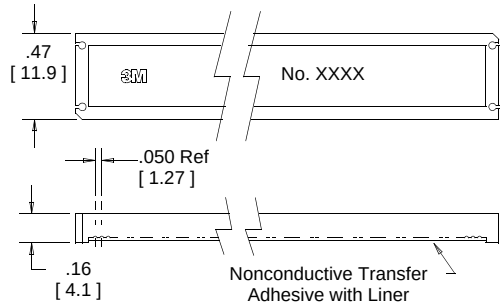
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## Cover

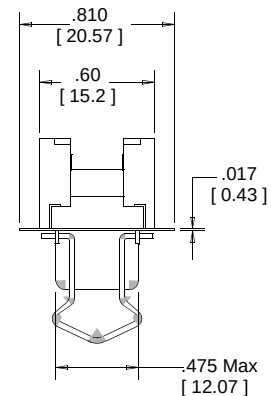
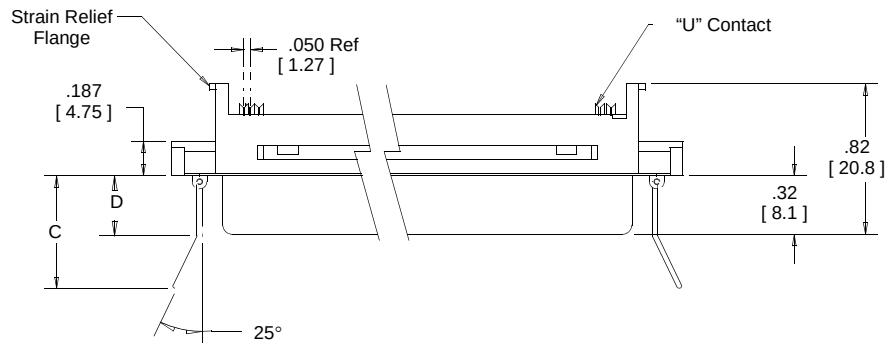


Inch  
[mm]

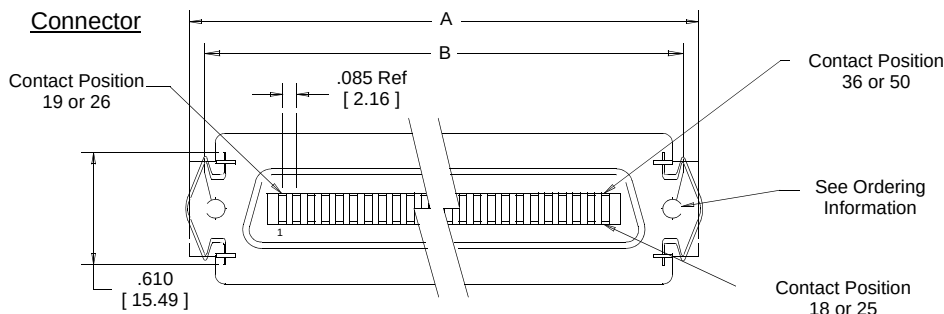
| Tolerance Unless Noted |     |      |       |
|------------------------|-----|------|-------|
|                        | .0  | .00  | .000  |
| inch                   | ±.1 | ±.01 | ±.005 |

[ ] Dimensions for Reference Only

## Body



## Connector



| Contact Quantity | Series | Dimensions    |               |                |                |               |
|------------------|--------|---------------|---------------|----------------|----------------|---------------|
|                  |        | A             | B             | C              | D              | E             |
| 36               | 3367   | 2.68 [ 68.1 ] | 2.35 [ 59.7 ] | .935 [ 23.75 ] | .535 [ 13.59 ] | 2.21 [ 56.1 ] |
| 50               | 3565   | 3.27 [ 83.1 ] | 2.95 [ 74.9 ] | .935 [ 23.75 ] | .535 [ 13.59 ] | 2.81 [ 71.4 ] |
| 50               | 3582   | 3.27 [ 83.1 ] | 2.95 [ 74.9 ] | .885 [ 22.48 ] | .325 [ 8.26 ]  | 2.81 [ 71.4 ] |

## Ordering Information

### Connector XXXX-300X

Series  
See Table

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

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

62 = 36 Position  
63 = 50 Position

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

TS-0284-15  
Sheet 2 of 3



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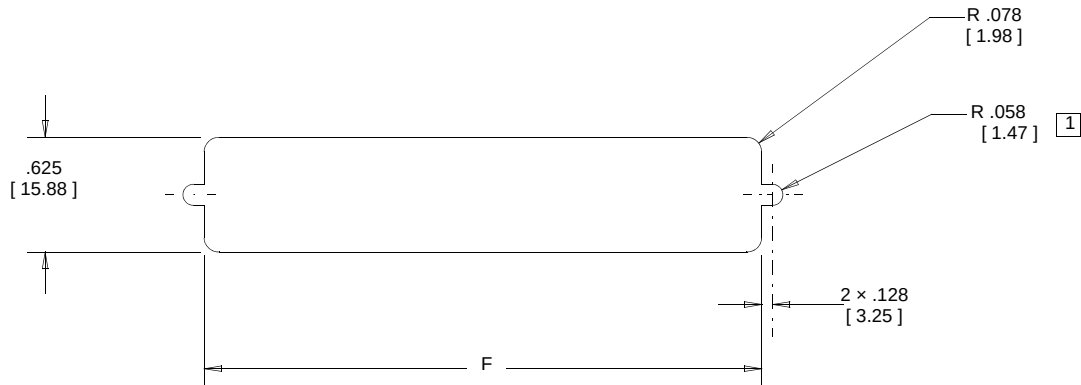
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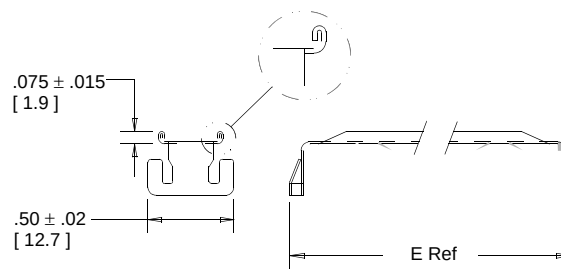


Note:

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

## Wiremount Metal Faced Socket With Attached Bail

| Contact Quantity | 3M Part Number | Mounting Method | Dimension F     |
|------------------|----------------|-----------------|-----------------|
| 36               | 3367-300X      | Rear            | 2.095 [ 53.21 ] |
| 50               | 3565-300X      | Rear            | 2.690 [ 68.33 ] |



**3448-XX Strain Relief**  
**Material: Stainless Steel**  
**(Order Separately)**

TS-0284-15  
Sheet 3 of 3

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### 3M Electronics

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Minimum 10%  
Post-Consumer Fiber

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