

# 390-012

## Splash-Proof EMI/RFI Cable Sealing Backshell

### Light-Duty with Strain Relief

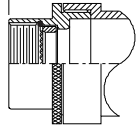
#### Type C - Direct Coupling - Low Profile

## CONNECTOR DESIGNATORS A-B\*-C-D-E-F G-H-J-K-L-S

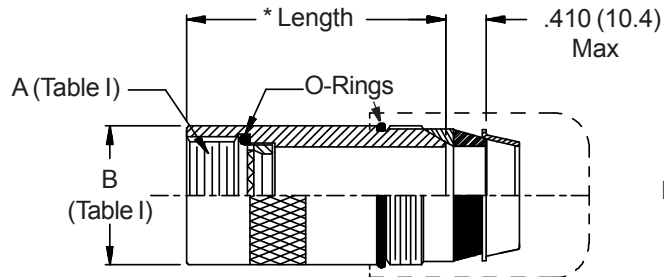
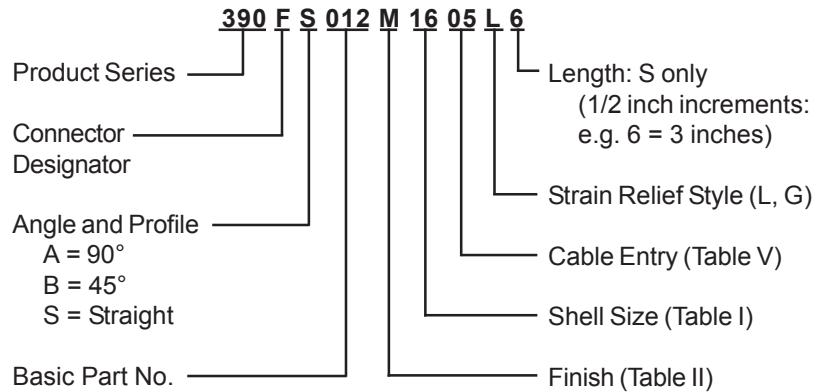
\* Conn. Desig. B See Note 5  
**DIRECT COUPLING**

## TYPE C OVERALL SHIELD TERMINATION

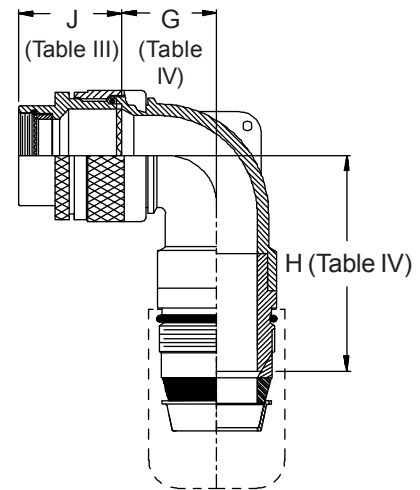
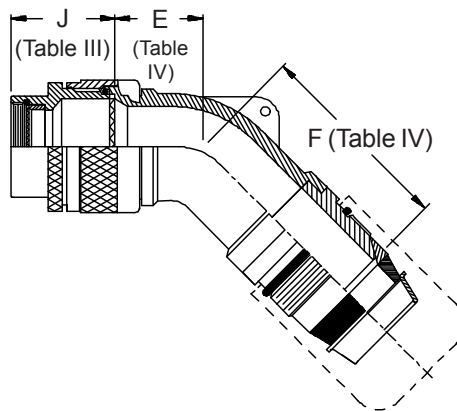
Length  $\pm .060$  (1.52)  
Min. Order Length 2.0 Inch  
(See Note 4)



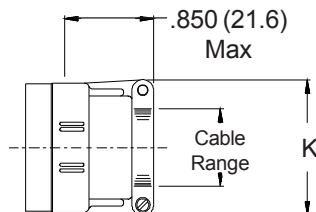
**STYLE 2**  
(STRAIGHT  
See Note 1)



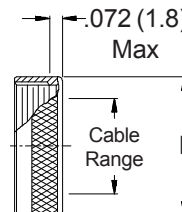
\* Length  
 $\pm .060$  (1.52)  
Min. Order  
Length 1.5 Inch  
(See Note 4)



**STYLE L**  
Light Duty  
(Table V)



**STYLE G**  
Light Duty  
(Table V)



**390-012**  
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**Light-Duty with Strain Relief**  
**Type C - Direct Coupling - Low Profile**



**TABLE III: FRONT ADAPTER**

| Shell<br>Size | J Max - Conn. Designator |              |              |
|---------------|--------------------------|--------------|--------------|
|               | A-E-F<br>J-H-L-S         | D-B-G-K      | C            |
| 08/09         | 1.180 (30.0)             | 1.440 (36.6) |              |
| 10/11         | 1.180 (30.0)             | 1.440 (36.6) |              |
| 12/13         | 1.180 (30.0)             | 1.440 (36.6) | 1.735 (44.1) |
| 14/15         | 1.180 (30.0)             | 1.440 (36.6) | 1.915 (48.6) |
| 16/17         | 1.380 (35.0)             | 1.560 (39.6) | 1.915 (48.6) |
| 18/19         | 1.380 (35.0)             | 1.560 (39.6) | 1.915 (48.6) |
| 20/21         | 1.380 (35.0)             | 1.560 (39.6) | 1.915 (48.6) |
| 22/23         | 1.380 (35.0)             | 1.560 (39.6) | 1.915 (48.6) |
| 24/25         | 1.380 (35.0)             | 1.560 (39.6) | 1.915 (48.6) |
| 28/29         | 1.610 (40.9)             | 1.560 (39.6) | 1.915 (48.6) |
| 32/33         | 1.610 (40.9)             | 1.750 (44.5) | 1.915 (48.6) |
| 36            | 1.610 (40.9)             | 1.750 (44.5) | 1.915 (48.6) |
| 40            | 1.610 (40.9)             | 2.190 (55.6) | 1.915 (48.6) |

See inside back cover  
fold-out or pages 13 and  
14 for Tables I and II.

1. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only).
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.
5. When using Connector Designator B refer to pages 18 and 19 for part number development.

**TABLE IV: CABLE ENTRY**

| Elbow<br>Size | E<br>Max     | F<br>Max     | G<br>Max     | H<br>Max     |
|---------------|--------------|--------------|--------------|--------------|
| 01            | .457 (11.6)  | 1.700 (43.2) | .636 (16.2)  | 1.698 (43.1) |
| 02            | .457 (11.6)  | 1.700 (43.2) | .636 (16.2)  | 1.698 (43.1) |
| 03            | .630 (16.0)  | 1.748 (44.4) | .709 (18.0)  | 1.818 (46.2) |
| 04            | .692 (17.6)  | 1.808 (45.9) | .734 (18.6)  | 1.838 (46.7) |
| 05            | .755 (19.2)  | 1.898 (48.2) | .825 (21.0)  | 1.908 (48.5) |
| 06            | .848 (21.5)  | 1.998 (50.7) | .990 (25.1)  | 1.998 (50.7) |
| 07            | 1.036 (26.3) | 2.198 (55.8) | 1.090 (27.7) | 2.168 (55.1) |
| 08            | 1.130 (28.7) | 2.338 (59.4) | 1.325 (33.7) | 2.278 (57.9) |
| 09            | 1.130 (28.7) | 2.338 (59.4) | 1.325 (33.7) | 2.278 (57.9) |
| 10            | 1.130 (28.7) | 2.338 (59.4) | 1.325 (33.7) | 2.278 (57.9) |

**TABLE V: CABLE ENTRY**

| Dash<br>No. | K<br>Max     | L<br>Max     | Cable Range  |              |
|-------------|--------------|--------------|--------------|--------------|
|             |              |              | Min          | Max          |
| 01          | .781 (19.8)  | .593 (15.1)  | .062 (1.6)   | .125 (3.2)   |
| 02          | .968 (24.6)  | .718 (18.2)  | .125 (3.2)   | .250 (6.4)   |
| 03          | 1.046 (26.6) | .843 (21.4)  | .250 (6.4)   | .375 (9.5)   |
| 04          | 1.156 (29.4) | .968 (24.6)  | .375 (9.5)   | .500 (12.7)  |
| 05          | 1.218 (30.9) | 1.109 (28.2) | .500 (12.7)  | .625 (15.9)  |
| 06          | 1.343 (34.1) | 1.218 (30.9) | .625 (15.9)  | .750 (19.1)  |
| 07          | 1.468 (37.3) | 1.343 (34.1) | .750 (19.1)  | .875 (22.2)  |
| 08          | 1.593 (40.5) | 1.468 (37.3) | .875 (22.2)  | 1.000 (25.4) |
| 09          | 1.718 (43.6) | 1.593 (40.5) | 1.000 (25.4) | 1.125 (28.6) |
| 10          | 1.843 (46.8) | 1.718 (43.6) | 1.125 (28.6) | 1.250 (31.8) |