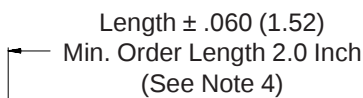
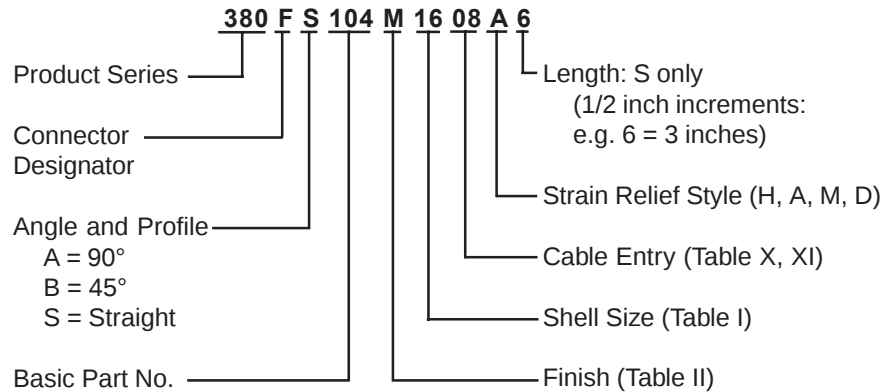


**CONNECTOR  
 DESIGNATORS**

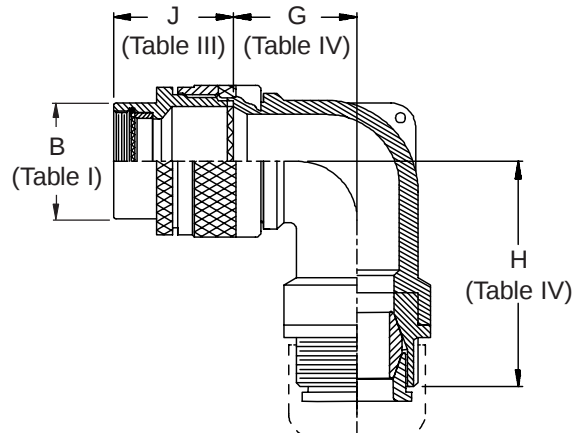
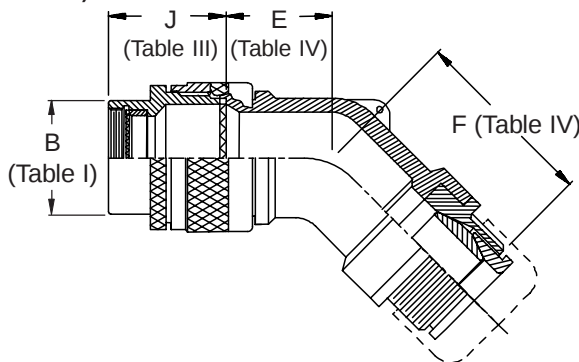
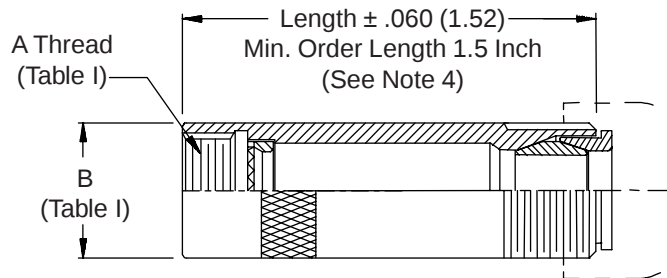
**A-B\*-C-D-E-F**  
**G-H-J-K-L-S**

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

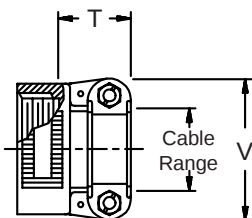
**TYPE F INDIVIDUAL  
 AND/OR OVERALL  
 SHIELD TERMINATION**



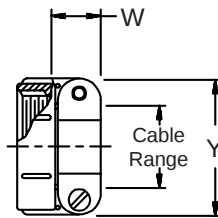
**STYLE 2  
 (STRAIGHT  
 See Note 1)**



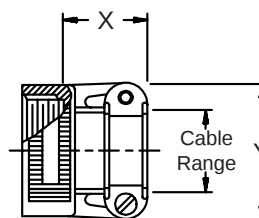
**STYLE H  
 Heavy Duty  
 (Table X)**



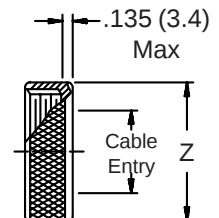
**STYLE A  
 Medium Duty  
 (Table XI)**



**STYLE M  
 Medium Duty  
 (Table XI)**



**STYLE D  
 Medium Duty  
 (Table XI)**



**380-104**  
**EMI/RFI Non-Environmental Backshell**  
with Strain Relief  
Type F - Direct Coupling - Low Profile



| TABLE III: FRONT ADAPTER |                          |              |              |
|--------------------------|--------------------------|--------------|--------------|
| Shell<br>Size            | J Max - Conn. Designator |              |              |
|                          | A-E-F                    |              |              |
|                          | 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) |

| TABLE IV: ELBOW DIMENSIONS |          |        |          |        |          |        |          |        |  |
|----------------------------|----------|--------|----------|--------|----------|--------|----------|--------|--|
| Elbow<br>Size              | E<br>Max |        | F<br>Max |        | G<br>Max |        | H<br>Max |        |  |
| 03                         | .457     | (11.6) | 1.602    | (40.7) | .500     | (12.7) | 1.612    | (40.9) |  |
| 04                         | .457     | (11.6) | 1.662    | (42.2) | .500     | (12.7) | 1.732    | (44.0) |  |
| 06                         | .520     | (13.2) | 1.722    | (43.7) | .595     | (15.1) | 1.752    | (44.5) |  |
| 08                         | .582     | (14.8) | 2.062    | (52.4) | .610     | (15.5) | 2.072    | (52.6) |  |
| 10                         | .645     | (16.4) | 2.172    | (55.2) | .700     | (17.8) | 2.162    | (54.9) |  |
| 12                         | .738     | (18.7) | 2.362    | (60.0) | .885     | (22.5) | 2.332    | (59.2) |  |
| 16                         | .926     | (23.5) | 2.362    | (60.0) | .975     | (24.8) | 2.332    | (59.2) |  |
| 20                         | 1.020    | (25.9) | 2.512    | (63.8) | 1.125    | (28.6) | 2.442    | (62.0) |  |
| 24                         | 1.145    | (29.1) | 2.512    | (63.8) | 1.225    | (31.1) | 2.442    | (62.0) |  |
| 28                         | 1.207    | (30.7) | 2.562    | (65.1) | 1.575    | (40.0) | 2.612    | (66.3) |  |
| 32                         | 1.238    | (31.4) | 2.662    | (67.6) | 1.775    | (45.1) | 2.862    | (72.7) |  |

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

**TABLE II: STANDARD FINISHES**

| GLENAIR<br>SYMBOL                                      | FINISH                                               |
|--------------------------------------------------------|------------------------------------------------------|
| B                                                      | Cadmium Plate, Olive Drab                            |
| M                                                      | Electroless Nickel                                   |
| NF                                                     | Cadmium Plate, Olive Drab<br>Over Electroless Nickel |
| See Inside Back Cover<br>for Additional Finish Options |                                                      |

| TABLE X: CABLE ENTRY |          |        |          |        |              |              |
|----------------------|----------|--------|----------|--------|--------------|--------------|
| Dash<br>No.          | T<br>Max |        | V<br>Max |        | Cable Range  |              |
|                      |          |        |          |        | Min          | Max          |
| 04                   | .780     | (19.8) | .957     | (24.3) | .125 (3.2)   | .312 (7.9)   |
| 06                   | .780     | (19.8) | 1.145    | (29.1) | .250 (6.4)   | .437 (11.1)  |
| 08                   | .780     | (19.8) | 1.332    | (33.8) | .312 (7.9)   | .562 (14.3)  |
| 10                   | .780     | (19.8) | 1.332    | (33.8) | .350 (8.9)   | .625 (15.9)  |
| 12                   | .811     | (20.6) | 1.551    | (39.4) | .500 (12.7)  | .750 (19.1)  |
| 16                   | .905     | (23.0) | 1.770    | (45.0) | .625 (15.9)  | .937 (23.8)  |
| 20                   | 1.092    | (27.7) | 2.113    | (53.7) | .875 (22.2)  | 1.250 (31.8) |
| 24                   | 1.124    | (28.5) | 2.363    | (60.0) | 1.000 (25.4) | 1.375 (34.9) |
| 28                   | 1.399    | (35.5) | 2.770    | (70.4) | 1.250 (31.8) | 1.625 (41.3) |
| 32                   | 1.399    | (35.5) | 3.020    | (76.7) | 1.437 (36.5) | 1.875 (47.6) |

1. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
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 XI: CABLE ENTRY |          |        |          |        |          |        |          |        |                                |
|-----------------------|----------|--------|----------|--------|----------|--------|----------|--------|--------------------------------|
| Dash<br>No.           | W<br>Max |        | X<br>Max |        | Y<br>Max |        | Z<br>Max |        | Cable Range                    |
|                       |          |        |          |        |          |        |          |        | Min **      Max                |
| 03*                   | .437     | (11.1) | .760     | (19.3) | .843     | (21.4) | .630     | (16.0) | .156 (4.0)      .250 (6.4)     |
| 04*                   | .437     | (11.1) | .760     | (19.3) | .906     | (23.0) | .755     | (19.2) | .188 (4.8)      .312 (7.9)     |
| 06*                   | .500     | (12.7) | .760     | (19.3) | 1.093    | (27.8) | .942     | (23.9) | .281 (7.1)      .438 (11.1)    |
| 08                    | .563     | (14.3) | .760     | (19.3) | 1.187    | (30.1) | 1.067    | (27.1) | .344 (8.7)      .562 (14.3)    |
| 10                    | .563     | (14.3) | .760     | (19.3) | 1.281    | (32.5) | 1.192    | (30.3) | .375 (9.5)      .625 (15.9)    |
| 12                    | .563     | (14.3) | .760     | (19.3) | 1.500    | (38.1) | 1.380    | (35.1) | .438 (11.1)      .750 (19.1)   |
| 16                    | .656     | (16.7) | 1.073    | (27.3) | 1.719    | (43.7) | 1.535    | (39.0) | .562 (14.3)      .938 (23.8)   |
| 20                    | .656     | (16.7) | 1.323    | (33.6) | 2.062    | (52.4) | 1.848    | (46.9) | .750 (19.1)      1.250 (31.8)  |
| 24                    | .656     | (16.7) | 1.323    | (33.6) | 2.312    | (58.7) | 2.255    | (57.3) | .781 (19.8)      1.375 (34.9)  |
| 28                    | 1.188    | (30.2) | 1.572    | (39.9) | 2.719    | (69.1) | 2.505    | (63.6) | .969 (24.6)      1.625 (41.3)  |
| 32*                   | 1.187    | (30.1) | 1.572    | (39.9) | 2.969    | (75.4) | 2.755    | (70.0) | 1.125 (28.6)      1.875 (47.6) |

\* Not available in Style M clamp.

\*\* Not Applicable Style D

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