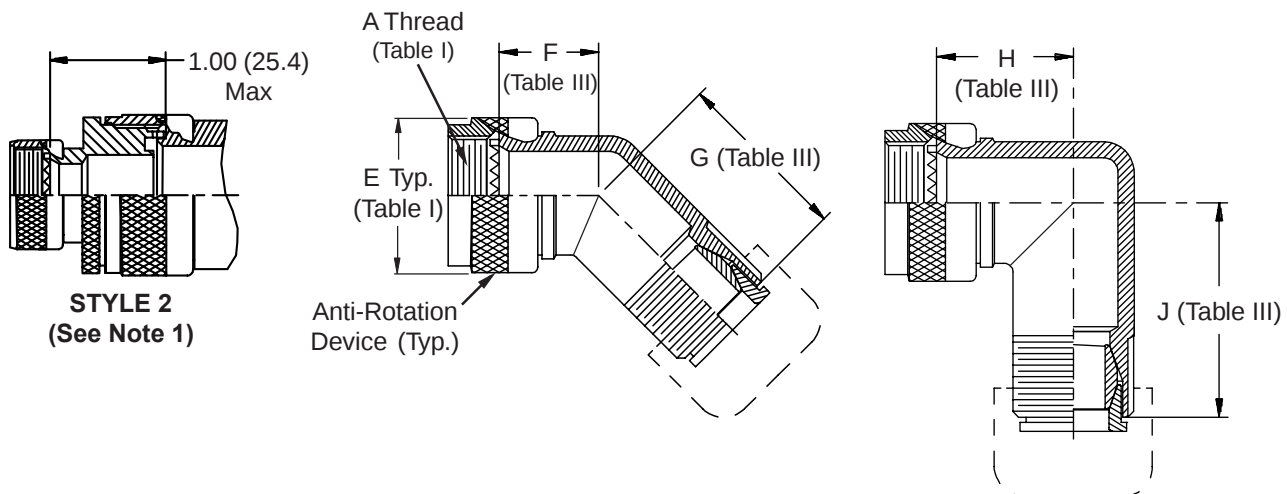
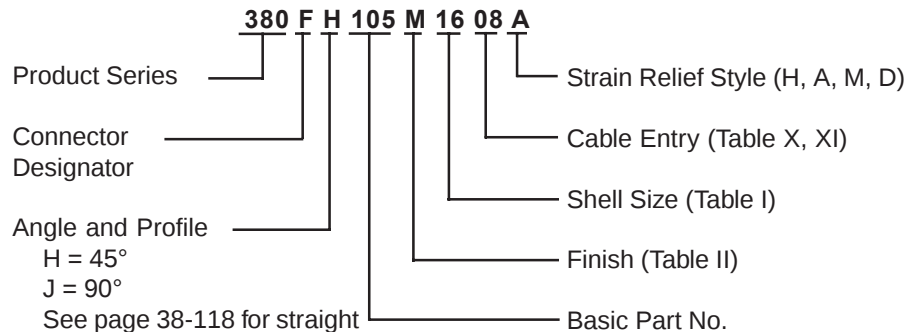


## CONNECTOR DESIGNATORS

### A-F-H-L-S

### SELF-LOCKING ROTATABLE COUPLING

## TYPE F INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION



**380-105**  
**EMI/RFI Non-Environmental Backshell**  
with Strain Relief  
Type F - Self-Locking - Rotatable Coupling - Standard Profile



**TABLE III: ELBOW DIMENSIONS**

| Shell Size<br>Conn. Desig.<br>A-F-L-S H |    | F<br>Max    | G<br>Max     | H<br>Max     | J<br>Max     |
|-----------------------------------------|----|-------------|--------------|--------------|--------------|
| 08                                      | 09 | .795 (20.2) | 1.015 (25.8) | .906 (23.0)  | 1.125 (28.6) |
| 10                                      | 11 | .820 (20.8) | 1.045 (26.5) | .966 (24.5)  | 1.185 (30.1) |
| 12                                      | 13 | .844 (21.4) | 1.065 (27.1) | 1.026 (26.1) | 1.245 (31.6) |
| 14                                      | 15 | .861 (21.9) | 1.095 (27.8) | 1.076 (27.3) | 1.315 (33.4) |
| 16                                      | 17 | .888 (22.6) | 1.115 (28.3) | 1.136 (28.9) | 1.375 (34.9) |
| 18                                      | 19 | .904 (23.0) | 1.125 (28.6) | 1.176 (29.9) | 1.395 (35.4) |
| 20                                      | 21 | .929 (23.6) | 1.145 (29.1) | 1.236 (31.4) | 1.445 (36.7) |
| 22                                      | 23 | .956 (24.3) | 1.185 (30.1) | 1.296 (32.9) | 1.535 (39.0) |
| 24                                      | 25 | .979 (24.9) | 1.215 (30.9) | 1.356 (34.4) | 1.605 (40.8) |

**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 |                                                      |

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

**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 21) is exceeded, Style 2 will be supplied. Dimensions F, G, H and J 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.

**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) |
| 40*         | 1.125 (28.6) | 1.572 (39.9) | 3.531 (89.7) | 3.255 (82.7) | 1.469 (37.3) | 2.375 (60.3) |

\* Not available in Style M clamp.

\*\* Not Applicable Style D