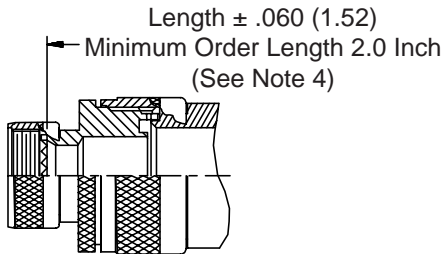
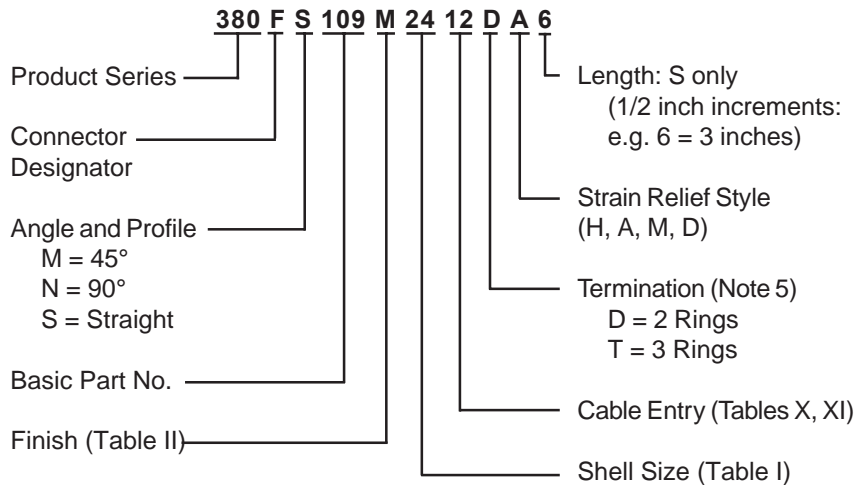
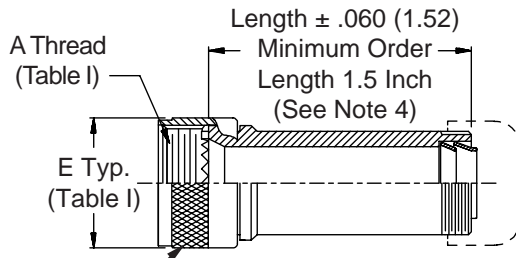


**CONNECTOR**  
**DESIGNATORS**  
**A-F-H-L-S**  
**SELF-LOCKING**  
**ROTATABLE**  
**COUPLING**

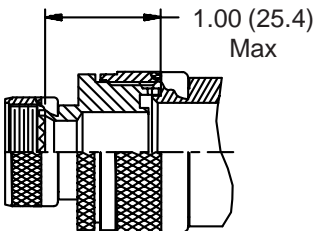
**TYPE E INDIVIDUAL**  
**AND/OR OVERALL**  
**SHIELD TERMINATION**



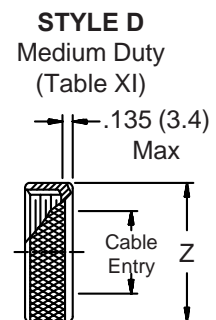
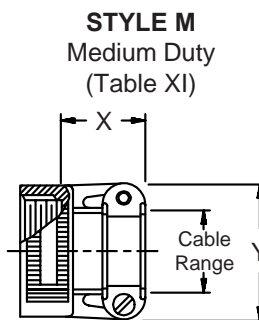
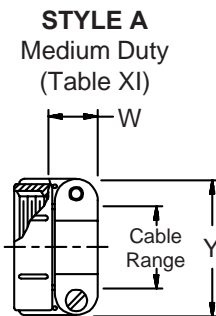
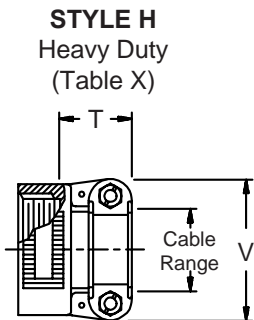
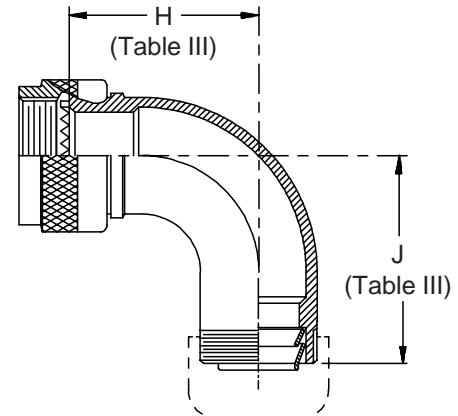
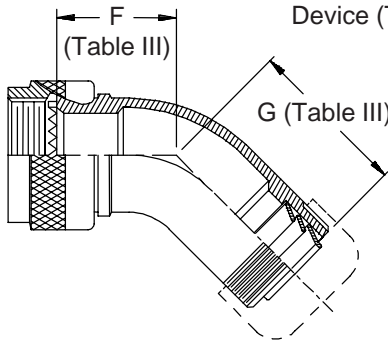
**STYLE 2**  
**(STRAIGHT**  
**See Note 1)**



Anti-Rotation Device (Typ.)



**STYLE 2**  
**(45° & 90°**  
**See Note 1)**



**380-109**  
**EMI/RFI Non-Environmental Backshell**  
 with Strain Relief  
 Type E - Self-Locking - Rotatable Coupling - Full Radius



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

| Shell Size   |    | F            | G            | H            | J            |
|--------------|----|--------------|--------------|--------------|--------------|
| Conn. Desig. | H  | Max          | Max          | Max          | Max          |
| A-F-L-S      |    |              |              |              |              |
| 08           | 09 | .963 (24.5)  | .867 (22.0)  | 1.281 (32.5) | 1.185 (30.1) |
| 10           | 11 | 1.017 (25.8) | .921 (23.4)  | 1.406 (35.7) | 1.310 (33.3) |
| 12           | 13 | 1.067 (27.1) | .971 (24.7)  | 1.531 (38.9) | 1.435 (36.4) |
| 14           | 15 | 1.121 (28.5) | 1.025 (26.0) | 1.656 (42.1) | 1.560 (39.6) |
| 16           | 17 | 1.170 (29.7) | 1.074 (27.3) | 1.781 (45.2) | 1.685 (42.8) |
| 18           | 19 | 1.220 (31.0) | 1.124 (28.5) | 1.906 (48.4) | 1.810 (46.0) |
| 20           | 21 | 1.274 (32.4) | 1.178 (29.9) | 2.031 (51.6) | 1.935 (49.1) |
| 22           | 23 | 1.328 (33.7) | 1.262 (32.1) | 2.156 (54.8) | 2.060 (52.3) |
| 24           | 25 | 1.377 (35.0) | 1.281 (32.5) | 2.281 (57.9) | 2.185 (55.5) |

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

| Dash No. | T Max        | V 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) |

- 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.
- Metric dimensions (mm) are indicated in parentheses.
- Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
- Consult factory for shorter lengths on straight backshells.
- Designate Symbol T for 3 ring termination of individual and overall braid. Designate D for standard 2 ring termination of individual or overall braid.

| Dash No. | W Max        | X Max        | Y Max        | Z 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