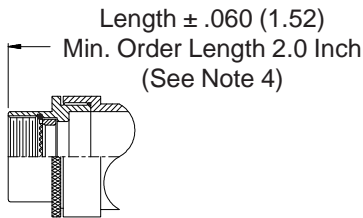
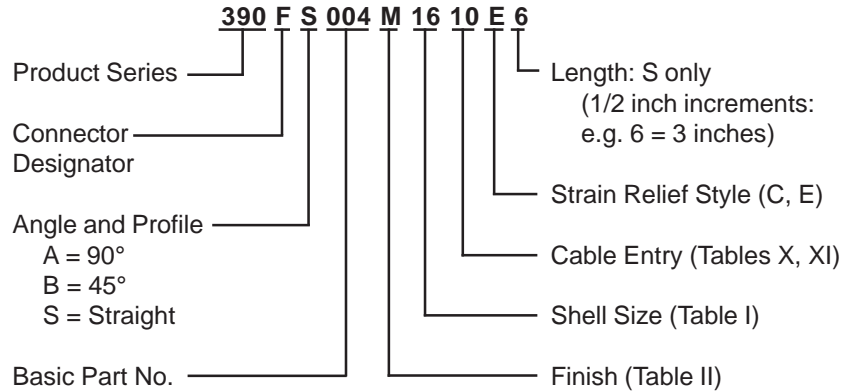


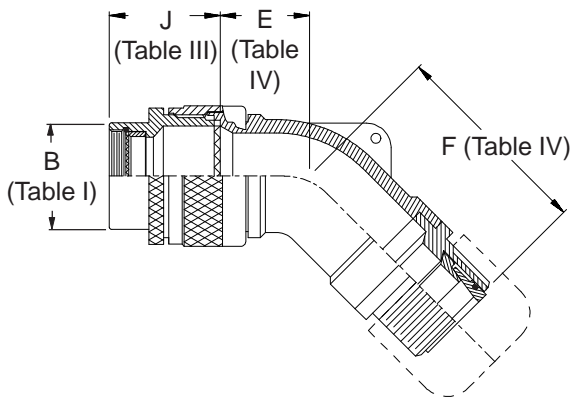
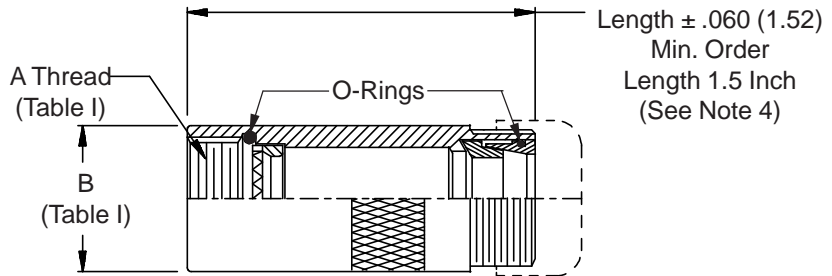
**CONNECTOR
 DESIGNATORS
 A-B*-C-D-E-F
 G-H-J-K-L-S**

* Conn. Desig. B See Note 6
DIRECT COUPLING

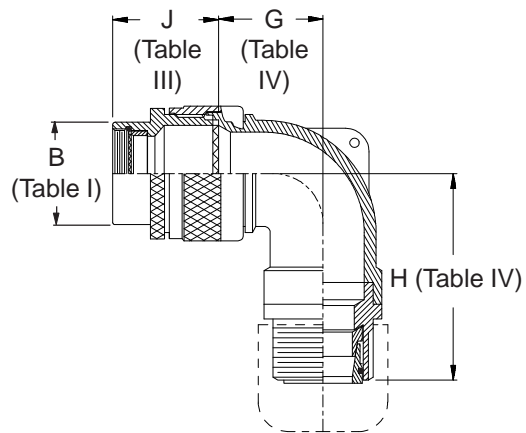
**TYPE A OVERALL
 SHIELD TERMINATION**



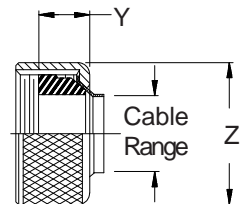
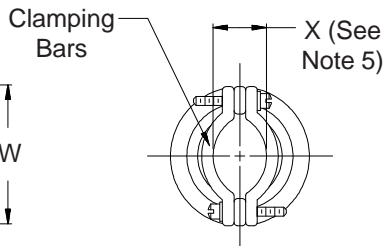
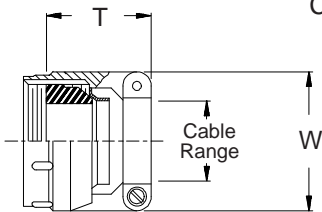
**STYLE 2
 (STRAIGHT)**
 See Note 1)



**STYLE C
 Medium Duty**
 (Table X)



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



390-004
Water-Tight EMI/RFI Cable Sealing Backshell
with Strain Relief
Type A - Direct Coupling - Low Profile



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

| TABLE III: FRONT ADAPTER | | | |
|--------------------------|--------------------------|--------------|--------------|
| Shell Size | J Max - Conn. Designator | | |
| | A-E-F | D-B-G-K | C |
| | J-H-L-S | | |
| 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 | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--|--|
| Dash No. | E Max | F Max | G Max | H Max | | |
| 04 | .630 (16.0) | 1.250 (31.8) | .636 (16.2) | 1.200 (30.5) | | |
| 06 | .630 (16.0) | 1.250 (31.8) | .710 (18.0) | 1.320 (33.5) | | |
| 08 | .692 (17.6) | 1.312 (33.3) | .731 (18.6) | 1.340 (34.0) | | |
| 10 | .755 (19.2) | 1.655 (42.0) | .825 (21.0) | 1.660 (42.2) | | |
| 12 | .848 (21.5) | 1.765 (44.8) | .988 (25.1) | 1.750 (44.5) | | |
| 16 | 1.036 (26.3) | 1.952 (49.6) | 1.087 (27.6) | 1.925 (48.9) | | |
| 20 | 1.130 (28.7) | 2.098 (53.3) | 1.325 (33.7) | 2.033 (51.6) | | |
| 24 | 1.255 (31.9) | 2.155 (54.7) | 1.337 (34.0) | 2.250 (57.2) | | |
| 28 | 1.317 (33.5) | 2.250 (57.2) | 1.827 (46.4) | 2.450 (62.2) | | |
| 32 | 1.348 (34.2) | 2.343 (59.5) | 2.027 (51.5) | 2.450 (62.2) | | |

| TABLE X: CABLE ENTRY | | | | | | |
|----------------------|--------------|--------------|--------------|--------------|--------------|--|
| Dash No. | T Max | W Max | X Ref | Cable Range | | |
| | | | | Min | Max | |
| 03 | 1.219 (31.0) | .812 (20.6) | .135 (3.4) | .156 (4.0) | .219 (5.6) | |
| 04 | 1.219 (31.0) | .937 (23.8) | .203 (5.2) | .188 (4.8) | .312 (7.9) | |
| 06 | 1.219 (31.0) | 1.062 (27.0) | .285 (7.2) | .281 (7.1) | .438 (11.1) | |
| 08 | 1.219 (31.0) | 1.188 (30.2) | .350 (8.9) | .312 (7.9) | .531 (13.5) | |
| 10 | 1.281 (32.5) | 1.312 (33.3) | .390 (9.9) | .375 (9.5) | .625 (15.9) | |
| 12 | 1.281 (32.5) | 1.562 (39.7) | .460 (11.7) | .500 (12.7) | .750 (19.1) | |
| 16 | 1.406 (35.7) | 1.750 (44.5) | .510 (13.0) | .625 (15.9) | .938 (23.8) | |
| 20 | 1.656 (42.1) | 2.250 (57.2) | .695 (17.7) | .938 (23.8) | 1.250 (31.8) | |
| 24 | 1.906 (48.4) | 2.375 (60.3) | .715 (18.2) | 1.000 (25.4) | 1.375 (34.9) | |
| 28 | 1.906 (48.4) | 2.625 (66.7) | .915 (23.2) | 1.250 (31.8) | 1.625 (41.3) | |
| 32 | 2.000 (50.8) | 2.812 (71.4) | 1.070 (27.2) | 1.500 (38.1) | 1.875 (47.6) | |

| TABLE XI: CABLE ENTRY | | | | |
|-----------------------|--------------|--------------|--------------|--------------|
| Dash No. | Y Max | Z Max | Cable Range | |
| | | | Min | Max |
| 03 | .739 (18.8) | .812 (20.6) | .156 (4.0) | .219 (5.6) |
| 04 | .739 (18.8) | .937 (23.8) | .188 (4.8) | .312 (7.9) |
| 06 | .739 (18.8) | 1.062 (27.0) | .281 (7.1) | .438 (11.1) |
| 08 | .739 (18.8) | 1.188 (30.2) | .312 (7.9) | .531 (13.5) |
| 10 | .791 (20.1) | 1.312 (33.3) | .375 (9.5) | .625 (15.9) |
| 12 | .880 (22.4) | 1.562 (39.7) | .500 (12.7) | .750 (19.1) |
| 16 | .901 (22.9) | 1.750 (44.5) | .625 (15.9) | .938 (23.8) |
| 20 | 1.031 (26.2) | 2.250 (57.2) | .938 (23.8) | 1.250 (31.8) |
| 24 | 1.250 (31.8) | 2.375 (60.3) | 1.000 (25.4) | 1.375 (34.9) |
| 28 | 1.250 (31.8) | 2.625 (66.7) | 1.250 (31.8) | 1.625 (41.3) |
| 32 | 1.312 (33.3) | 2.812 (71.4) | 1.500 (38.1) | 1.875 (47.6) |

- When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only).
- 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.
- Saddles are bottomed on Clamp Ears.
- When using Connector Designator B refer to pages 18 and 19 for part number development.