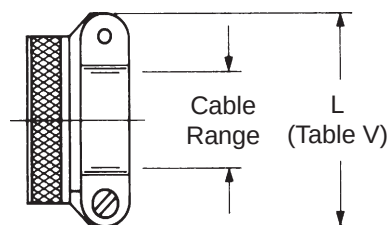
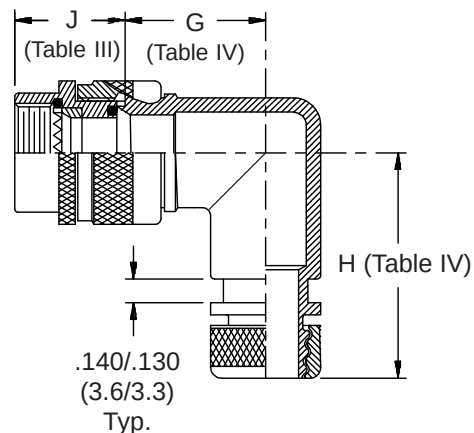
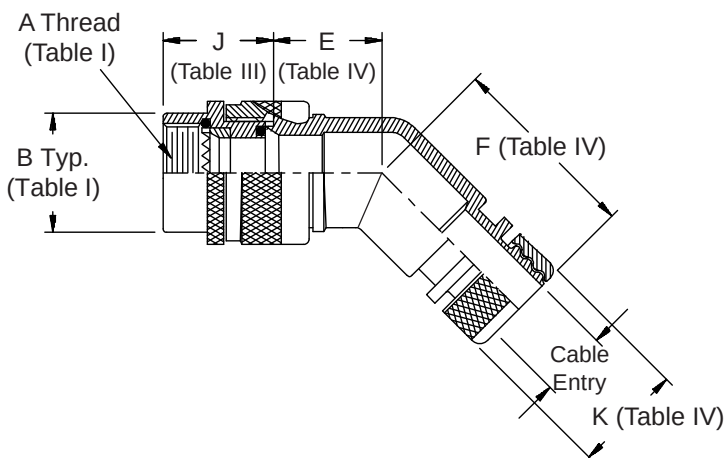
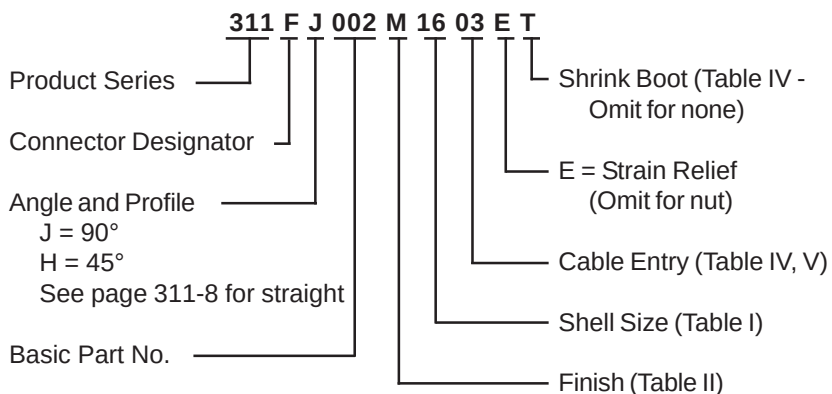


**CONNECTOR  
DESIGNATORS  
A-B\*-C-D-E-F  
G-H-J-K-L-S**

\* Conn. Desig. B See Note 4

**DIRECT  
COUPLING**



**STYLE E  
STRAIN RELIEF**

**311-002**  
**Lamp-Base Thread EMI/RFI Shrink Boot Adapter**  
 with Strain Relief and Optional Shrink Boot  
 Direct Coupling - Standard Profile



311

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

1. Cable Entry or range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
2. See Shrink Boot Reference Information (page 40).
3. Metric dimensions (mm) are indicated in parentheses.
4. When using Connector Designator B refer to pages 18 and 19 for part number development.

**TABLE III: FRONT ADAPTER**

| Shell<br>Size | J Max - Conn. Designator |              |              |
|---------------|--------------------------|--------------|--------------|
|               | A-E-F                    |              | C            |
|               | J-H-L-S                  | D-B-G-K      |              |
| 08/09         | 1.180 (30.0)             | 1.250 (31.8) |              |
| 10/11         | 1.180 (30.0)             | 1.250 (31.8) |              |
| 12/13         | 1.180 (30.0)             | 1.250 (31.8) | 1.735 (44.1) |
| 14/15         | 1.180 (30.0)             | 1.250 (31.8) | 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: CABLE ENTRY/DIMENSIONS/SHRINK BOOT**

| Dash No. | E Max        | F Max        | G Max        | H Max        | K Max        | Cable Entry Max | Shrink Boot |
|----------|--------------|--------------|--------------|--------------|--------------|-----------------|-------------|
| 01       | .639 (16.2)  | 1.078 (27.4) | .750 (19.1)  | 1.188 (30.2) | .448 (11.4)  | .125 (3.2)      | n/a         |
| 02       | .664 (16.9)  | 1.108 (28.1) | .810 (20.6)  | 1.248 (31.7) | .515 (13.1)  | .250 (6.4)      | 770-001S103 |
| 03       | .688 (17.5)  | 1.128 (28.7) | .870 (22.1)  | 1.308 (33.2) | .640 (16.3)  | .375 (9.5)      | 770-001S103 |
| 04       | .705 (17.9)  | 1.158 (29.4) | .920 (23.4)  | 1.378 (35.0) | .765 (19.4)  | .500 (12.7)     | 770-001S104 |
| 05       | .732 (18.6)  | 1.178 (29.9) | .980 (24.9)  | 1.438 (36.5) | .920 (23.4)  | .625 (15.9)     | 770-001S104 |
| 06       | .773 (19.6)  | 1.208 (30.7) | 1.080 (27.4) | 1.518 (38.6) | 1.015 (25.8) | .750 (19.1)     | 770-001S105 |
| 07       | .800 (20.3)  | 1.248 (31.7) | 1.140 (29.0) | 1.598 (40.6) | 1.140 (29.0) | .875 (22.2)     | 770-001S106 |
| 08       | .823 (20.9)  | 1.278 (32.5) | 1.200 (30.5) | 1.668 (42.4) | 1.265 (32.1) | 1.000 (25.4)    | 770-001S106 |
| 09       | .823 (20.9)  | 1.278 (32.5) | 1.200 (30.5) | 1.668 (42.4) | 1.432 (36.4) | 1.125 (28.6)    | 770-001S107 |
| 10       | 1.041 (26.4) | 1.448 (36.8) | 1.480 (37.6) | 1.908 (48.5) | 1.515 (38.5) | 1.250 (31.8)    | 770-001S107 |
| 11       | 1.041 (26.4) | 1.448 (36.8) | 1.480 (37.6) | 1.908 (48.5) | 1.640 (41.7) | 1.375 (34.9)    | 770-001S108 |
| 12       | 1.092 (27.7) | 1.488 (37.8) | 1.610 (40.9) | 1.998 (50.7) | 1.765 (44.8) | 1.500 (38.1)    | 770-001S108 |
| 13       | 1.136 (28.9) | 1.538 (39.1) | 1.720 (43.7) | 2.108 (53.5) | 2.015 (51.2) | 1.750 (44.5)    | 770-001S108 |

**TABLE II - STANDARD FINISHES**

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

**TABLE V: CABLE ENTRY/DIMENSIONS**

| Dash No. | L Max        | Cable Range  |              |
|----------|--------------|--------------|--------------|
|          |              | Min          | Max          |
| 02       | .968 (24.6)  | .125 (3.2)   | .250 (6.4)   |
| 03       | 1.046 (26.6) | .250 (6.4)   | .375 (9.5)   |
| 04       | 1.156 (29.4) | .312 (7.9)   | .500 (12.7)  |
| 05       | 1.219 (31.0) | .437 (11.1)  | .625 (15.9)  |
| 06       | 1.343 (34.1) | .562 (14.3)  | .750 (19.1)  |
| 07       | 1.469 (37.3) | .687 (17.4)  | .875 (22.2)  |
| 08       | 1.594 (40.5) | .812 (20.6)  | 1.000 (25.4) |
| 09       | 1.719 (43.7) | .937 (23.8)  | 1.125 (28.6) |
| 10       | 1.844 (46.8) | 1.062 (27.0) | 1.250 (31.8) |