

# 311-034

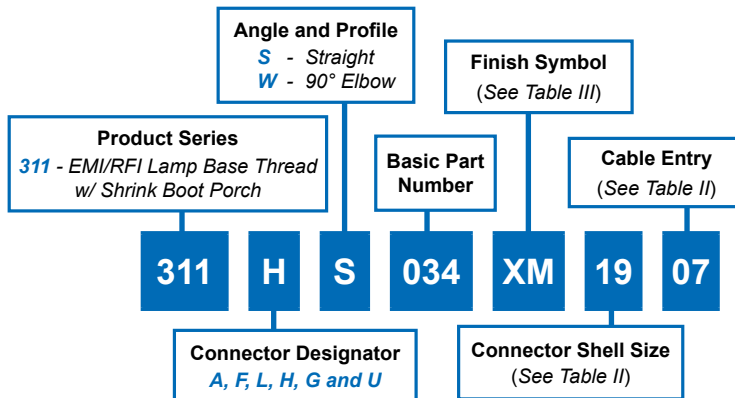
## Composite Lamp Base Thread

### EMI/RFI Shield Termination Backshell

#### with Self-Locking Rotatable Coupling Nut

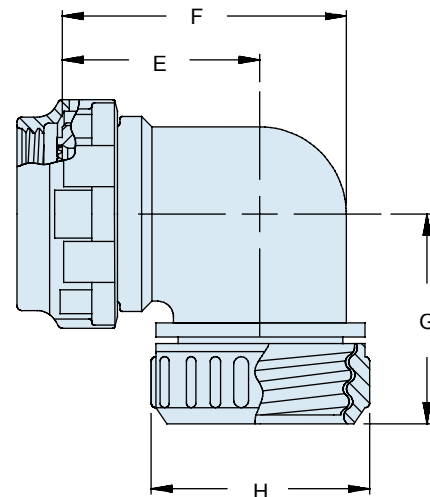
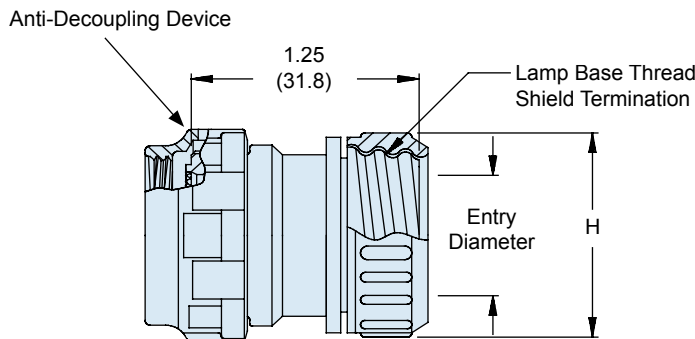


Composite Backshells



| TABLE II: CABLE ENTRY |      |         |                 |        |
|-----------------------|------|---------|-----------------|--------|
| Dash No.              | ±.06 | H (1.5) | Entry Dia. ±.03 | (0.8)  |
| 01                    | .45  | (11.4)  | .13             | (3.3)  |
| 02                    | .52  | (13.2)  | .25             | (6.4)  |
| 03                    | .64  | (16.3)  | .38             | (9.7)  |
| 04                    | .77  | (19.6)  | .50             | (12.7) |
| 05                    | .92  | (23.4)  | .63             | (16.0) |
| 06                    | 1.02 | (25.9)  | .75             | (19.1) |
| 07                    | 1.14 | (29.0)  | .81             | (20.6) |
| 08                    | 1.27 | (32.3)  | .94             | (23.9) |
| 09                    | 1.43 | (36.3)  | 1.06            | (26.9) |
| 10                    | 1.52 | (38.6)  | 1.19            | (30.2) |
| 11                    | 1.64 | (41.7)  | 1.38            | (35.1) |

A



#### NOTES

- See Table I in Intro for front-end dimensional details.
- Coupling nut supplied unplated.
- Metric dimensions (mm) are for reference only.

TABLE II: CONNECTOR SHELL SIZE

| Shell Size For Connector Designator* |     |    |    |    | E    |        | F    |        | G    |        | Max Entry Dash No.** |
|--------------------------------------|-----|----|----|----|------|--------|------|--------|------|--------|----------------------|
| A                                    | F/L | H  | G  | U  | ±.06 | (1.5)  | ±.09 | (2.3)  | ±.09 | (2.3)  |                      |
| 08                                   | 08  | 09 | —  | —  | .69  | (17.5) | .88  | (22.4) | 1.19 | (30.2) | 02                   |
| 10                                   | 10  | 11 | —  | 08 | .75  | (19.1) | 1.00 | (25.4) | 1.25 | (31.8) | 03                   |
| 12                                   | 12  | 13 | 11 | 10 | .81  | (20.6) | 1.13 | (28.7) | 1.31 | (33.3) | 04                   |
| 14                                   | 14  | 15 | 13 | 12 | .88  | (22.4) | 1.31 | (33.3) | 1.38 | (35.1) | 05                   |
| 16                                   | 16  | 17 | 15 | 14 | .94  | (23.9) | 1.38 | (35.1) | 1.44 | (36.6) | 06                   |
| 18                                   | 18  | 19 | 17 | 16 | .97  | (24.6) | 1.44 | (36.6) | 1.47 | (37.3) | 07                   |
| 20                                   | 20  | 21 | 19 | 18 | 1.06 | (26.9) | 1.63 | (41.4) | 1.56 | (39.6) | 08                   |
| 22                                   | 22  | 23 | —  | 20 | 1.13 | (28.7) | 1.75 | (44.5) | 1.63 | (41.4) | 09                   |
| 24                                   | 24  | 25 | 23 | 22 | 1.19 | (30.2) | 1.88 | (47.8) | 1.69 | (42.9) | 10                   |
| 28                                   | —   | —  | 25 | 24 | 1.34 | (34.0) | 2.13 | (54.1) | 1.78 | (45.2) | 11                   |

\*\*Consult factory for additional entry sizes available.  
See introduction for additional connector front-end details.

TABLE III

| Symbol | Finish Description                                                                  |
|--------|-------------------------------------------------------------------------------------|
| XM     | 2000 Hour Corrosion Resistant Electroless Nickel                                    |
| XMT    | 2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. 1000 Hour Grey™ |
| XW     | 2000 Hour Corrosion Resistant Cadmium/ Olive Drab over Electroless Nickel           |