

# 327-060 Extender Backshell with Self-Locking Rotatable Coupling

## CONNECTOR DESIGNATOR:

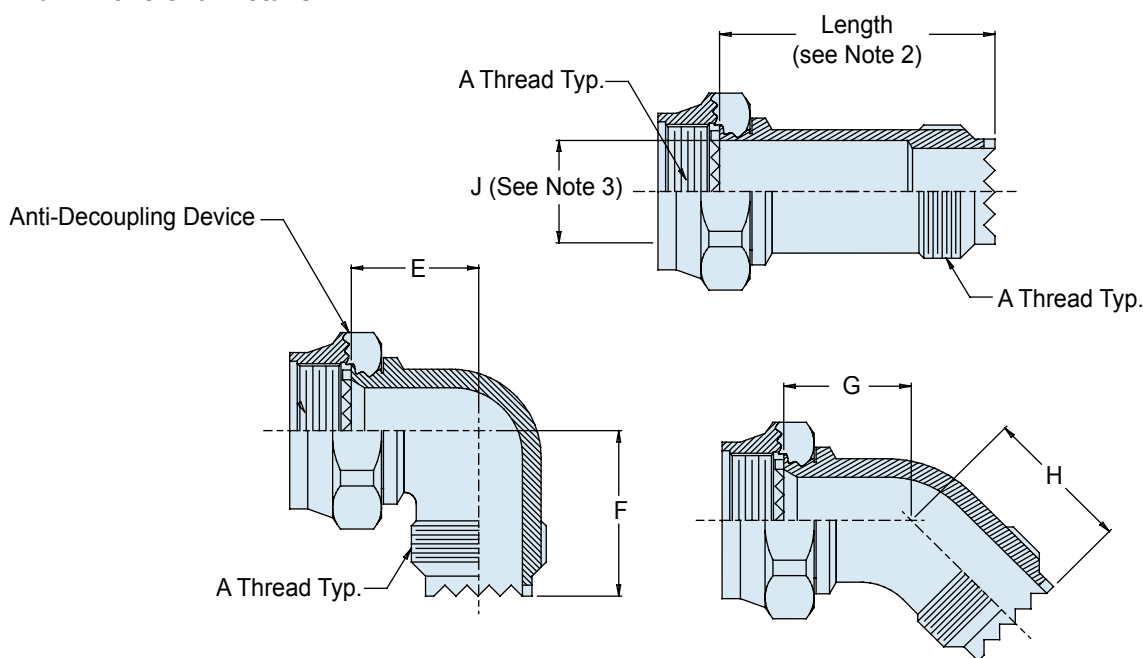
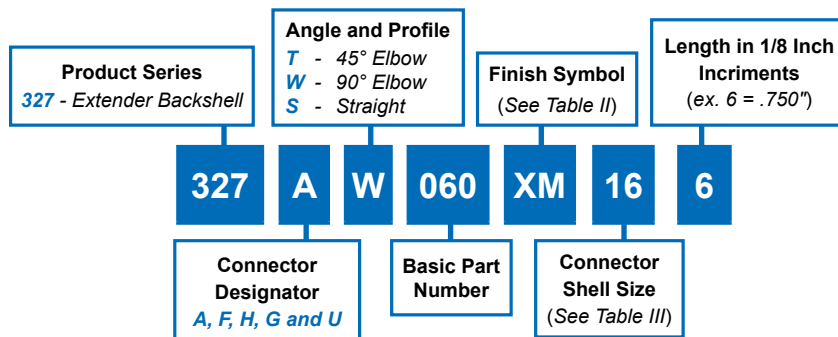
|          |                                                             |
|----------|-------------------------------------------------------------|
| <b>A</b> | MIL-DTL-5015, -26482 Series II, and -83723 Series I and III |
| <b>F</b> | MIL-DTL-38999 Series I, II                                  |
| <b>H</b> | MIL-DTL-38999 Series III and IV                             |
| <b>G</b> | MIL-DTL-28840                                               |
| <b>U</b> | DG123 and DG123A                                            |

**SELF-LOCKING**

**ROTATABLE COUPLING**

**STANDARD PROFILE**

**Note: See Table I in Intro for Front-End Dimensional Details**



## APPLICATION NOTES

1. Metric dimensions (mm) are in parentheses and are for reference only.
2. Available length, straight configuration only, 6 = .750 (19.1), 8 = 1.00 (25.4), consult factory for additional length. Omit length designator for angular functions.
3. J Diameter applicable to connector Code H, straight configuration only.
4. Coupling nut supplied unplated.
5. See Table I in Intro for front-end dimensional details.

**327-060**  
**Extender Backshell**  
 with Self-Locking Rotatable Coupling



Composite  
Backshells

A

**TABLE II: FINISH**

| Symbol | Finish Description                                                                         |
|--------|--------------------------------------------------------------------------------------------|
| XM     | 2000 Hour Corrosion Resistant Electroless Nickel                                           |
| XMT    | 2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. <i>1000 Hour Grey™</i> |
| XO     | No Plating - Brown Color (Non-Conductive Finish)                                           |
| XB     | No Plating - Black Color (Non-Conductive Finish)                                           |
| XW     | 2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel                   |

**TABLE III: CONNECTOR SHELL SIZE ORDER NUMBER**

| Shell Size For<br>Connector Designator |    | E    |        | F    |        | G   |        | H    |        |
|----------------------------------------|----|------|--------|------|--------|-----|--------|------|--------|
| A, F                                   | H  | Max  |        | Max  |        | Max |        | Max  |        |
| 08                                     | 09 | .74  | (18.8) | 1.00 | (25.4) | .78 | (19.8) | .89  | (22.6) |
| 10                                     | 11 | .80  | (20.3) | 1.06 | (26.9) | .81 | (20.6) | .92  | (23.4) |
| 12                                     | 13 | .86  | (21.8) | 1.12 | (28.4) | .81 | (20.6) | .94  | (23.9) |
| 14                                     | 15 | .93  | (23.6) | 1.19 | (30.2) | .82 | (20.8) | .97  | (24.6) |
| 16                                     | 17 | .99  | (25.1) | 1.25 | (31.8) | .84 | (21.3) | .99  | (25.1) |
| 18                                     | 19 | 1.05 | (26.7) | 1.31 | (33.3) | .85 | (21.6) | 1.00 | (25.4) |
| 20                                     | 21 | 1.12 | (28.4) | 1.38 | (35.1) | .88 | (22.4) | 1.03 | (26.2) |
| 22                                     | 23 | 1.18 | (30.0) | 1.44 | (36.6) | .92 | (23.4) | 1.07 | (27.2) |
| 24                                     | 25 | 1.24 | (31.5) | 1.50 | (38.1) | .97 | (24.6) | 1.08 | (27.4) |