

**450-001**  
**Qwik-Ty® Strain Relief - Connector Designator F**  
 Rotatable Coupling (Straight, 45° and 90° Elbows)

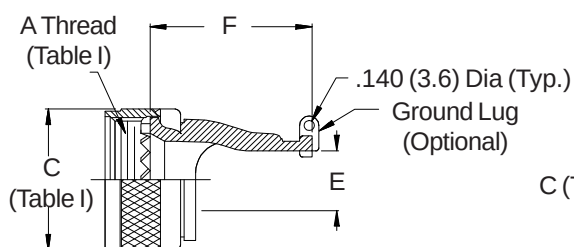


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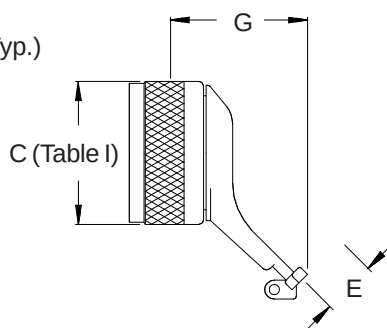
**CONNECTOR  
 DESIGNATOR  
 F**

Product Series — **450**  
 Connector Designator — **F**  
 Angle and Profile — **S**  
 Basic Part Number — **001**  
 Finish (Table II) — **M**  
 Shell Size (Table I) — **16**  
 Ground Lug (Omit for none) — **G**

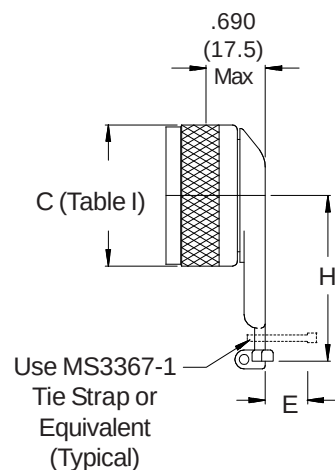
A = 90°  
 B = 45°  
 S = Straight



**STRAIGHT  
 ROTATABLE COUPLING**



**45°  
 ROTATABLE COUPLING**



**90°  
 ROTATABLE COUPLING**

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

**TABLE III: DIMENSIONS**

| Shell Size | E Cable Entry | F Max        | G Max        | H Max        |
|------------|---------------|--------------|--------------|--------------|
| 08         | .264 (6.7)    | .866 (22.0)  | 1.066 (27.1) | .890 (22.6)  |
| 10         | .392 (10.0)   | .866 (22.0)  | 1.066 (27.1) | .950 (24.1)  |
| 12         | .506 (12.9)   | .926 (23.5)  | 1.066 (27.1) | 1.010 (25.7) |
| 14         | .631 (16.0)   | 1.106 (28.1) | 1.188 (30.2) | 1.330 (33.8) |
| 16         | .756 (19.2)   | 1.106 (28.1) | 1.226 (31.1) | 1.390 (35.3) |
| 18         | .845 (21.5)   | 1.176 (29.9) | 1.226 (31.1) | 1.460 (37.1) |
| 20         | .970 (24.6)   | 1.306 (33.2) | 1.226 (31.1) | 1.510 (38.4) |
| 22         | 1.095 (27.8)  | 1.426 (36.2) | 1.226 (31.1) | 1.510 (38.4) |
| 24         | 1.220 (31.0)  | 1.556 (39.5) | 1.226 (31.1) | 1.640 (41.7) |

1. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
2. Metric dimensions (mm) are indicated in parentheses.