

# 347-129 Composite Shorting Cap Backshell with Lanyard Attachment and Self-Locking Rotatable Coupling

A

**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                             |

**SELF-LOCKING****ROTATABLE COUPLING**

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

**Attachment Symbol**  
(See Table IV)

**Attachment Length in 1/2" Increments**  
(Ex. 6 = 3.0 Inches)  
1" Min. Length

**Product Series**  
347 - Shorting Cap Backshell

**Basic Part Number**

**Connector Shell Size**  
(See Table II)

347

H

129

XM

19

4

H

4

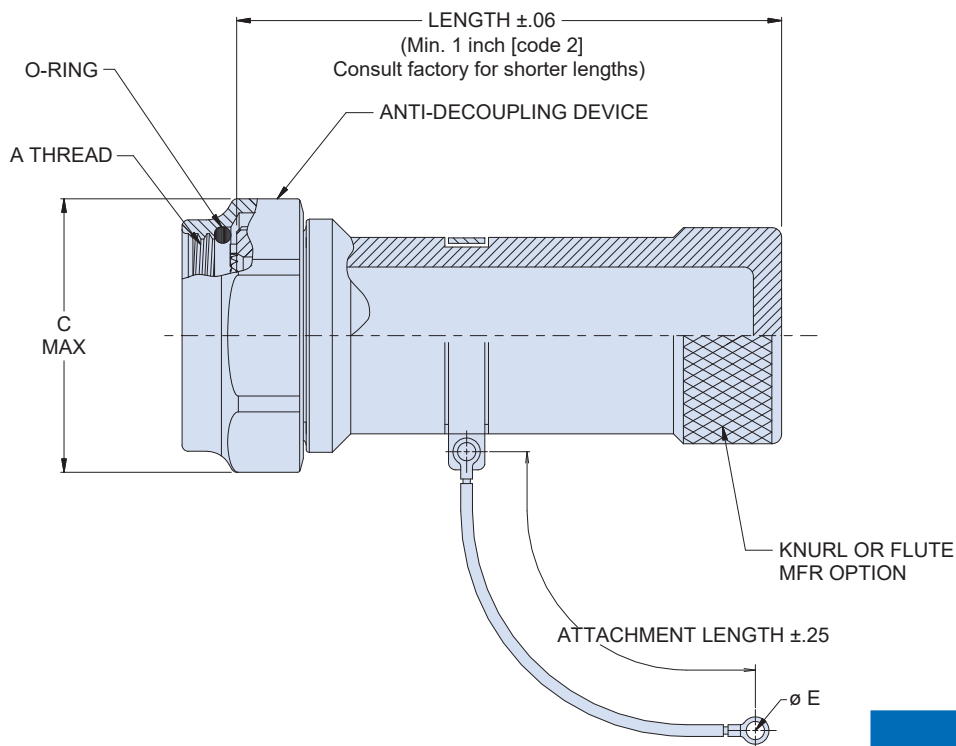
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**Connector Designator**  
A, F or H

**Finish Symbol**  
(See Table III)

**Backshell Length in 1/2" Increments**  
ex. 4 = 2.0 Inches  
1" Min.

**Ring or Eylet Dash No.**  
(See Table III, IV, V, VI, or VII)

**TABLE II: SHELL SIZE**

| A, F | H  |
|------|----|
| 08   | 09 |
| 10   | 11 |
| 12   | 13 |
| 14   | 15 |
| 16   | 17 |
| 18   | 19 |
| 20   | 21 |
| 22   | 23 |
| 24   | 25 |

**TABLE III: FINISH**

| 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            |

**NOTES**

- Coupling nut supplied unplated.
- See Table I in Intro for front-end dimensional details.

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Composite  
Backshells

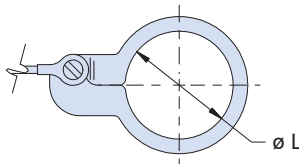
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TABLE IV: ATTACHMENT STYLE

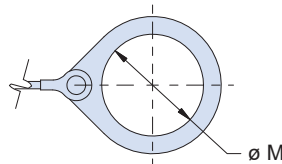
| Symbol | Attachment                                   |
|--------|----------------------------------------------|
| C      | No Attachment, Body Strap Only               |
| D      | Bead Chain, CRES/Passivate with Terminal     |
| F      | Wire Rope, Nylon Jacket with Terminal        |
| G      | Nylon Rope with Terminal                     |
| H      | Wire Rope, Teflon Jacket with Terminal       |
| N      | Attachment Omitted                           |
| R      | Wire Rope, PVC Jacket with Terminal          |
| S      | #8 Sash Chain, CRES/Passivate                |
| U      | Wire Rope, Polyurethane Jacket with Terminal |

TABLE III

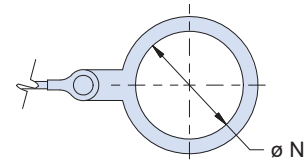
| Dash No. | E Diameter |
|----------|------------|
| 01       | .140 (3.6) |
| 02       | .182 (4.6) |
| 03       | .191 (4.9) |
| 04       | .197 (5.0) |
| 05       | .167 (4.2) |
| 06       | .125 (3.2) |
| 07       | .218 (5.5) |
| 09       | .156 (4.0) |



SPLIT RING



SOLID RING



SOLID RING

TABLE V

| Dash No. | L Dia<br>±.015 (0.4) |
|----------|----------------------|
| 50       | .425 (10.8)          |
| 52       | .485 (12.3)          |
| 54       | .640 (16.3)          |
| 56       | .750 (19.1)          |
| 58       | .890 (22.6)          |
| 60       | 1.015 (25.8)         |
| 62       | 1.095 (27.8)         |
| 64       | 1.130 (28.7)         |
| 66       | 1.250 (31.8)         |
| 68       | 1.350 (34.3)         |
| 70       | 1.390 (35.3)         |
| 72       | 1.485 (37.7)         |
| 74       | 1.625 (41.3)         |
| 76       | 1.750 (44.5)         |
| 78       | 1.875 (47.6)         |
| 80       | 1.980 (50.3)         |
| 82       | 2.060 (52.3)         |
| 84       | 2.235 (56.8)         |
| 86       | 2.310 (58.7)         |
| 88       | 2.475 (62.9)         |
| 90       | 2.655 (67.4)         |
| 92       | 2.810 (71.4)         |
| 94       | 3.045 (77.3)         |

TABLE VI

| Dash No. | M Dia<br>±.015 (0.4) |
|----------|----------------------|
| 08       | .468 (11.9)          |
| 10       | .593 (15.1)          |
| 12       | .718 (18.2)          |
| 13       | .765 (19.4)          |
| 14       | .844 (21.4)          |
| 15       | .890 (22.6)          |
| 16       | .968 (24.6)          |
| 17       | 1.015 (25.8)         |
| 18       | 1.093 (27.8)         |
| 19       | 1.140 (29.0)         |
| 20       | 1.203 (30.6)         |
| 21       | 1.265 (32.1)         |
| 22       | 1.343 (34.1)         |
| 23       | 1.453 (36.9)         |
| 24       | 1.484 (37.7)         |
| 25       | 1.577 (40.1)         |
| 27       | 1.640 (41.7)         |
| 28       | 1.687 (42.8)         |
| 29       | 1.765 (44.8)         |
| 30       | 1.890 (48.0)         |
| 31       | 1.953 (49.6)         |
| 32       | 1.968 (50.0)         |
| 33       | 2.077 (52.8)         |
| 35       | 2.140 (54.4)         |
| 36       | 2.187 (55.5)         |
| 40       | 2.406 (61.1)         |
| 44       | 2.656 (67.5)         |
| 48       | 3.031 (77.0)         |

TABLE VII

| Dash No. | N Dia<br>±.015 (0.4) |
|----------|----------------------|
| 100      | .391 (9.9)           |
| 101      | .516 (13.1)          |
| 102      | .583 (14.8)          |
| 103      | .641 (16.3)          |
| 104      | .708 (18.0)          |
| 105      | .766 (19.5)          |
| 205      | .788 (20.0)          |
| 106      | .896 (22.2)          |
| 206      | .907 (23.0)          |
| 107      | 1.016 (25.8)         |
| 207      | 1.025 (26.0)         |
| 108      | 1.141 (29.0)         |
| 208      | 1.203 (30.6)         |
| 109      | 1.266 (32.2)         |
| 110      | 1.391 (35.3)         |
| 111      | 1.521 (38.6)         |
| 211      | 1.536 (39.0)         |
| 112      | 1.641 (41.7)         |
| 113      | 1.766 (44.9)         |
| 114      | 1.891 (48.0)         |
| 115      | 2.078 (52.8)         |
| 116      | 2.406 (61.1)         |
| 117      | 2.510 (63.8)         |