

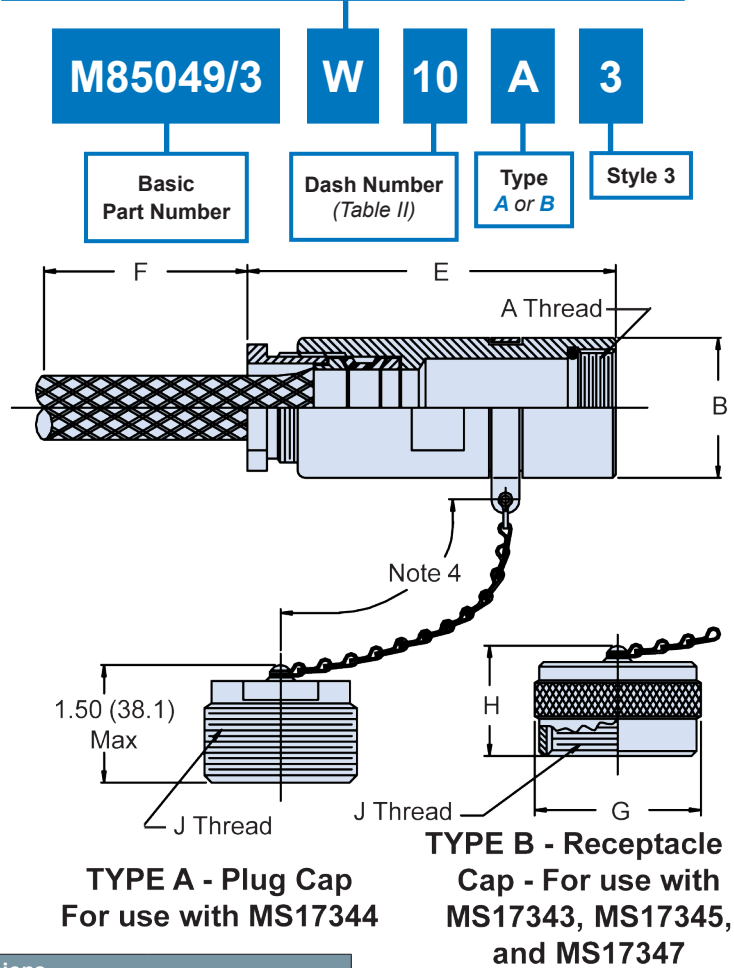
**CONNECTOR DESIGNATOR:**
**C** MIL-DTL-22992 Classes C, J and R

**Finish**

**A** = Hard-coat Anodize      **X** = Nickel Fluorocarbon Polymer  
**W** = Cadmium, Olive Drab      **Z** = Zinc Nickel  
**Y** = Pure Dense  
 Electrodeposited Aluminum

**TABLE II: Dash Number and Cable Range**

| Dash No. | Shell Size | Cable Range  |              | F Appr. Free Length |
|----------|------------|--------------|--------------|---------------------|
|          |            | Min          | Max          |                     |
| 1        | 12         | .281 (7.1)   | .377 (9.6)   | 3.344 (84.9)        |
| 2        | 12         | .219 (5.6)   | .281 (7.1)   | 1.062 (27.0)        |
| 3        | 14         | .400 (10.2)  | .438 (11.1)  | 4.344 (110.3)       |
| 4        | 16         | .511 (13.0)  | .605 (15.4)  | 5.188 (131.8)       |
| 5        | 16         | .436 (11.1)  | .530 (13.5)  | 4.688 (119.1)       |
| 6        | 16         | .316 (8.0)   | .405 (10.3)  | 3.688 (93.7)        |
| 7        | 18         | .605 (15.4)  | .699 (17.8)  | 6.188 (157.2)       |
| 8        | 18         | .560 (14.2)  | .625 (15.9)  | 6.188 (157.2)       |
| 9        | 18         | .361 (9.2)   | .455 (11.6)  | 4.188 (106.4)       |
| 10       | 20         | .715 (18.2)  | .828 (21.0)  | 6.688 (169.9)       |
| 11       | 20         | .449 (11.4)  | .562 (14.3)  | 5.188 (131.8)       |
| 12       | 22         | .787 (20.0)  | .900 (22.9)  | 7.188 (182.6)       |
| 13       | 22         | .637 (16.2)  | .750 (19.1)  | 6.688 (169.9)       |
| 14       | 24         | .984 (25.0)  | 1.109 (28.2) | 7.688 (195.3)       |
| 15       | 24         | .875 (22.2)  | 1.000 (25.4) | 7.188 (182.6)       |
| 16       | 24         | .755 (19.2)  | .880 (22.4)  | 6.688 (169.9)       |
| 17       | 28         | 1.185 (30.1) | 1.310 (33.3) | 8.688 (220.7)       |
| 18       | 28         | 1.105 (28.1) | 1.230 (31.2) | 8.188 (208.0)       |
| 19       | 28         | 1.055 (26.8) | 1.180 (30.0) | 8.188 (208.0)       |
| 20       | 32         | 1.406 (35.7) | 1.531 (38.9) | 10.688 (271.5)      |
| 21       | 32         | 1.320 (33.5) | 1.455 (37.0) | 9.688 (246.1)       |
| 22       | 32         | 1.250 (31.8) | 1.375 (34.9) | 9.688 (246.1)       |
| 23       | 36         | 1.531 (38.9) | 1.656 (42.1) | 12.688 (322.3)      |
| 24       | 36         | 1.437 (36.5) | 1.562 (39.7) | 11.188 (284.2)      |
| 25       | 44         | 2.105 (53.5) | 2.250 (57.2) | 17.188 (436.6)      |
| 26       | 44         | 2.025 (51.4) | 2.170 (55.1) | 17.188 (436.6)      |


**TABLE I: Shell Size and Dimensions**

| Shell Size | A Thread Class 2B-LH | B Dia ±.015 (0.4) | E Max         | G Dia Max    | H Max       | J Thread (Plated) Class 2 (A or B) |
|------------|----------------------|-------------------|---------------|--------------|-------------|------------------------------------|
| 12         | .7500 - 20 UNEF      | .933 (23.7)       | 2.935 (74.5)  | 1.094 (27.8) | .765 (19.4) | 0.875-0.1P-0.2L-DS                 |
| 14         | .8750 - 20 UNEF      | 1.057 (26.8)      | 3.248 (82.5)  | 1.219 (31.0) | .765 (19.4) | 1.000-0.1P-0.2L-DS                 |
| 16         | 1.0000 - 20 UNEF     | 1.183 (30.0)      | 3.712 (94.3)  | 1.344 (34.1) | .980 (24.9) | 1.125-0.1P-0.2L-DS                 |
| 18         | 1.1250 - 18 UNEF     | 1.307 (33.2)      | 4.024 (102.2) | 1.469 (37.3) | .980 (24.9) | 1.250-0.1P-0.2L-DS                 |
| 20         | 1.2500 - 18 UNEF     | 1.433 (36.4)      | 4.115 (104.5) | 1.562 (39.7) | .980 (24.9) | 1.375-0.1P-0.2L-DS                 |
| 22         | 1.3750 - 18 UNEF     | 1.557 (39.5)      | 4.150 (105.4) | 1.688 (42.9) | .980 (24.9) | 1.500-0.1P-0.2L-DS                 |
| 24         | 1.6250 - 18 UNEF     | 1.807 (45.9)      | 4.212 (107.0) | 1.938 (49.2) | .980 (24.9) | 1.750-0.1P-0.2L-DS                 |
| 28         | 1.8750 - 16 UN       | 2.057 (52.2)      | 4.275 (108.6) | 2.219 (56.4) | .980 (24.9) | 2.000-0.1P-0.2L-DS                 |
| 32         | 2.0625 - 16 UNS      | 2.307 (58.6)      | 4.337 (110.2) | 2.469 (62.7) | .980 (24.9) | 2.250-0.1P-0.2L-DS                 |
| 36         | 2.3125 - 16 UNS      | 2.557 (64.9)      | 4.399 (111.7) | 2.719 (69.1) | .980 (24.9) | 2.500-0.1P-0.2L-DS                 |
| 44         | 2.8750 - 16 UN       | 3.120 (72.9)      | 5.799 (147.3) | 3.217 (81.7) | .980 (24.9) | 3.000-0.1P-0.2L-DS                 |

**APPLICATION NOTES**

- For complete dimensions see the applicable Military Specification.
- Metric dimensions (mm) are in parentheses.
- Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
- Approximate chain lengths: Dash No. 01-12 = 5.0 (127.0); Dash No. 13-29 = 6.0 (152.4).

Dimensions in inches (millimeters) and are subject to change without notice.