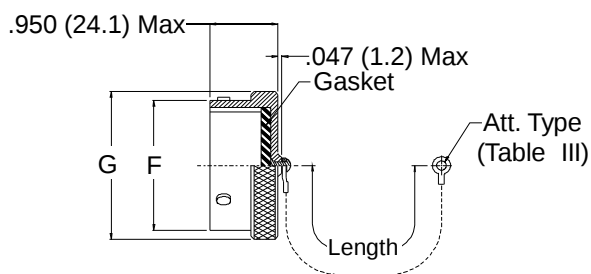


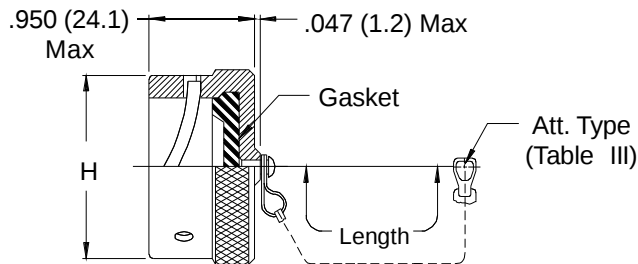
**MIL-C-38999  
Series I**

Basic Part No. **660-012 M 17 S 5 -04**  
 660-012 Plug  
 660-013 Receptacle  
 661-002 Receptacle  
 Finish (Table II)  
 Shell Size (Table X)

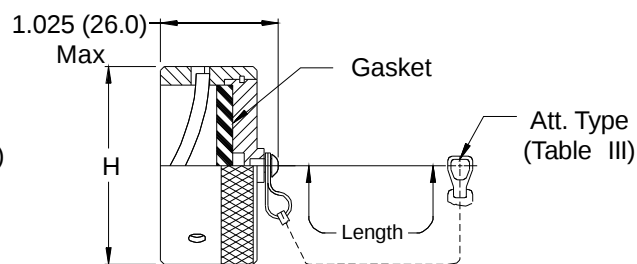
Ring or Eyelet Dash No.  
 (Tables IV, V, VI, VII)  
 Attachment Length (in inches)  
 Attachment Type (Table III)



**660-012 Plug Cover**



**660-013 Receptacle Cover**



**661-002 EMI/RFI Receptacle Cover**

**TABLE X: SHELL SIZE DIMENSIONS**

| Shell Size | F Dia        | G Dia Max    | H Max        |
|------------|--------------|--------------|--------------|
| 09         | .572 (14.5)  | .820 (20.8)  | .844 (21.4)  |
| 11         | .700 (17.8)  | .940 (23.9)  | .968 (24.6)  |
| 13         | .850 (21.6)  | 1.070 (27.2) | 1.125 (28.6) |
| 15         | .975 (24.8)  | 1.190 (30.2) | 1.250 (31.8) |
| 17         | 1.100 (27.9) | 1.320 (33.5) | 1.406 (35.7) |
| 19         | 1.207 (30.7) | 1.440 (36.6) | 1.500 (38.1) |
| 21         | 1.332 (33.8) | 1.570 (39.9) | 1.625 (41.3) |
| 23         | 1.457 (37.0) | 1.690 (42.9) | 1.750 (44.5) |
| 25         | 1.582 (40.2) | 1.820 (46.2) | 1.875 (47.6) |

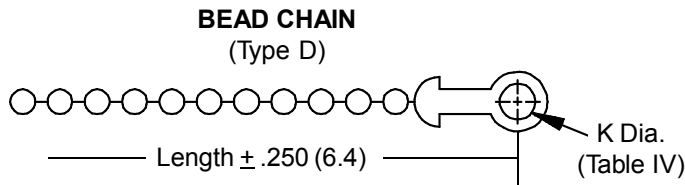
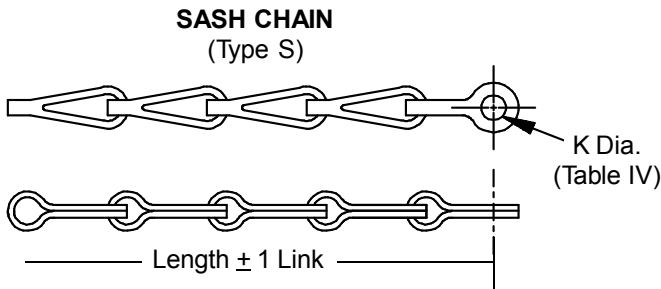
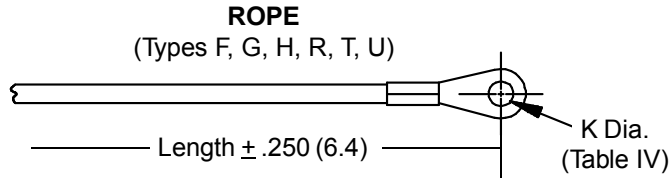
**See inside back  
cover fold-out or  
page 14 for Table II.**

Metric dimensions  
(mm) are indicated in  
parentheses.

**660-012 (Plug) - 660-013 (Receptacle)  
661-002 (EMI Receptacle)  
Protective Covers  
MIL-C-38999 Series I**



**66 & 78**

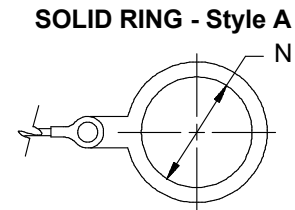
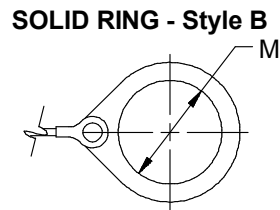
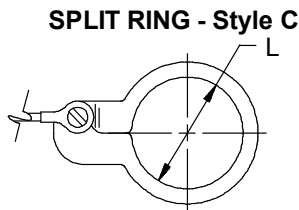


**TABLE III: ATTACHMENT**

| Sym | Attachment Type                              |
|-----|----------------------------------------------|
| D   | Bead Chain, Cres., Passivate                 |
| F   | Wire Rope, Nylon Jacket                      |
| G   | Nylon Rope                                   |
| H   | Wire Rope, Fluoropolymer Jacket              |
| N   | No Attachment                                |
| R   | Wire Rope, PVC Jacket                        |
| S   | #8 Sash Chain, Cres., Passivate              |
| T   | Wire Rope, No Jacket                         |
| U   | Wire Rope, Polyurethane Jacket with Terminal |

**TABLE IV: EYELET**

| Dash No. | K DIA       |
|----------|-------------|
|          | ±.010 (0.3) |
| 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)  |
| 00       | No Eyelet   |



**TABLE V: SPLIT RING STYLE C**

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

**TABLE VI: SOLID RING STYLE B**

| Dash No. | M Dia.       | Dash No. | M Dia.       |
|----------|--------------|----------|--------------|
|          | ±.015 (0.4)  |          | ±.015 (0.4)  |
| 08       | .468 (11.9)  | 24       | 1.484 (37.7) |
| 10       | .593 (15.1)  | 25       | 1.577 (40.1) |
| 12       | .718 (18.2)  | 27       | 1.640 (41.7) |
| 13       | .765 (19.4)  | 28       | 1.687 (42.8) |
| 14       | .844 (21.4)  | 29       | 1.765 (44.8) |
| 15       | .890 (22.6)  | 30       | 1.890 (48.0) |
| 16       | .968 (24.6)  | 31       | 1.953 (49.6) |
| 17       | 1.015 (25.8) | 32       | 1.968 (50.0) |
| 18       | 1.093 (27.8) | 33       | 2.077 (52.8) |
| 19       | 1.140 (29.0) | 35       | 2.140 (54.4) |
| 20       | 1.203 (30.6) | 36       | 2.187 (55.5) |
| 21       | 1.265 (32.1) | 40       | 2.406 (61.1) |
| 22       | 1.343 (34.1) | 44       | 2.656 (67.5) |
| 23       | 1.453 (36.9) | 48       | 3.031 (77.0) |
|          |              | 118      | .310 (7.9)   |

**TABLE VII: SOLID RING STYLE A**

| Dash No. | N Dia.       | Dash No. | N Dia.       |
|----------|--------------|----------|--------------|
|          | ±.015 (0.4)  |          | ±.015 (0.4)  |
| 095      | .312 (7.9)   | 109      | 1.266 (32.2) |
| 100      | .391 (9.9)   | 209      | 1.312 (33.3) |
| 101      | .516 (13.1)  | 110      | 1.391 (35.3) |
| 102      | .583 (14.8)  | 210      | 1.438 (36.5) |
| 103      | .641 (16.3)  | 111      | 1.521 (38.6) |
| 104      | .708 (18.0)  | 211      | 1.536 (39.0) |
| 105      | .766 (19.5)  | 112      | 1.641 (41.7) |
| 205      | .788 (20.0)  | 113      | 1.766 (44.9) |
| 106      | .896 (22.2)  | 213      | 1.812 (46.0) |
| 206      | .907 (23.0)  | 114      | 1.891 (48.0) |
| 107      | 1.016 (25.8) | 214      | 1.938 (49.2) |
| 207      | 1.025 (26.0) | 115      | 2.078 (52.8) |
| 108      | 1.141 (29.0) | 116      | 2.406 (61.1) |
| 308      | 1.188 (30.2) | 117      | 2.510 (63.8) |
| 208      | 1.203 (30.6) |          |              |