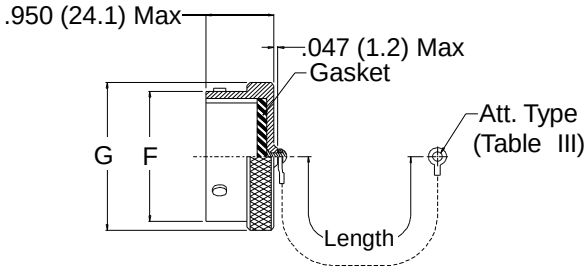
# 660-012 (Plug) - 660-013 (Receptacle)
# 661-002 (EMI Receptacle)
# Protective Covers
## MIL-C-38999 Series I

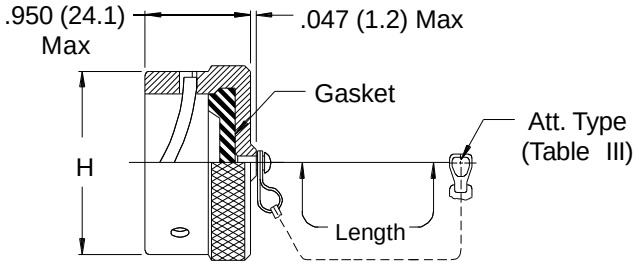
**MIL-C-38999 Series I**

**660-012 M 17 S 5 -04**

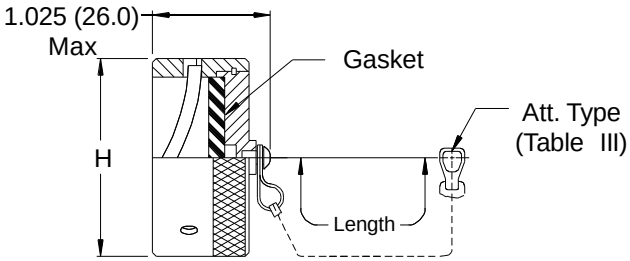
- Basic Part No. — 660-012 Plug, 660-013 Receptacle, 661-002 Receptacle
- Finish (Table II)
- Shell Size (Table X)
- Attachment Type (Table III)
- Attachment Length (in inches)
- Ring or Eyelet Dash No. (Tables IV, V, VI, VII)




**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.

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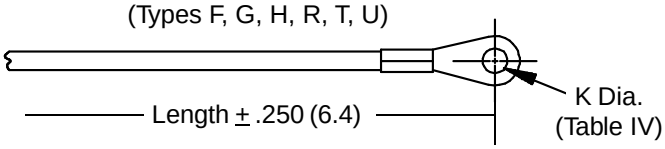
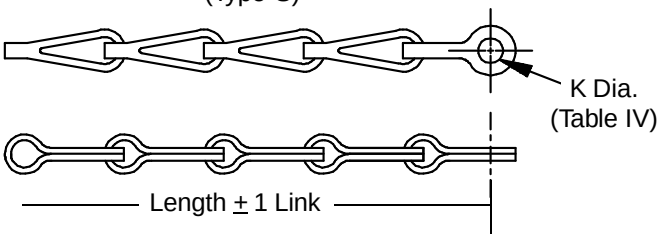
# 660-012 (Plug) - 660-013 (Receptacle)
# 661-002 (EMI Receptacle)
# Protective Covers
## MIL-C-38999 Series I

**ROPE**
(Types F, G, H, R, T, U)




**SASH CHAIN**
(Type S)




**BEAD CHAIN**
(Type D)

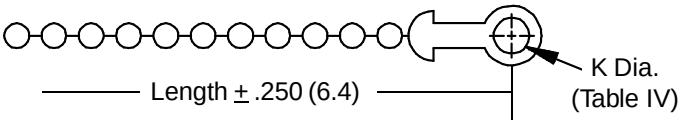


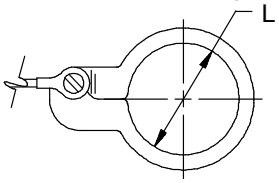

**TABLE III: ATTACHMENT**

| Sym | Attachment Type |
|---|---|
| D | Bead Chain, Cres., Passivate |
| F | Wire Rope, Nylon Jacket |
| G | Nylon Rope |
| H | Wire Rope, Teflon 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 |

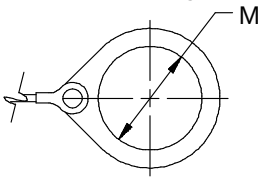
**TABLE IV: EYELET**

| 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 | |

**SPLIT RING - Style C**




**SOLID RING - Style B**




**SOLID RING - Style A**

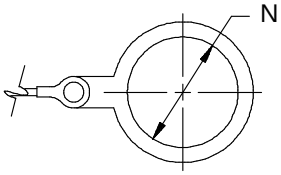



**TABLE V: SPLIT RING STYLE C**

| Dash No. | L Dia. ±.015 | (0.4) | Dash No. | L Dia. ±.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. ±.015 | (0.4) | Dash No. | M Dia. ±.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. ±.015 | (0.4) | Dash No. | N Dia. ±.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) | | | |

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