

Series 66 Protective Covers

for MIL-DTL-38999 Series I Connectors

661-002 Receptacle Cover, Spring-Loaded EMI

M38999/I EMI Receptacle Cover



661-002 protective cover fits MIL-DTL-38999 Series I scoop-proof bayonet receptacles including MS27466, MS27468, MS27469, MS27470, MS27471, MS27496 and MS27505. EMI protected with silicone/Monel wire mesh conductive gasket. Wave spring and disk provide consistent gasket sealing. Aluminum cover. Hardware, rivets, wave spring and screws are passivated stainless steel. Conductive EMI gasket is silicone with embedded Monel wire mesh and is rated for -65 to +200 °C.

PART NUMBER

	661-002	NF	09	U	6	-05
Base P/N	661-002					
Finish	See Table 1					
Shell Size	09 11 13 15 17 19 21 23 25					
Attachment Type	N No Attachment See Table 2 for Attachment Types					
Attachment Length	Omit for Attachment Type N Length in One Inch Increments					
Attachment Ring	-00 No Ring See Table 3 for Attachment Ring Codes					

TABLE 1 FINISH

- M** Electroless Nickel
- NF** Olive Drab Cadmium
- MT** Nickel-PTFE
- ZR** Black Zinc-Nickel
- TZ** Tin-Zinc

TABLE 2 ATTACHMENT TYPE

D		SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F		Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G		Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H		Wire Rope, Clear FEP Jacket Clear FEP jacket over SST rope, fair flexibility, good abrasion resistance, .100" diameter, -65 to +200 °C
S		Sash Chain #8 sash chain, stainless steel. Length tolerance is ± one link .280 (Z1)
SK		Nylon Rope with Slip Knot Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter. Length includes .5" (13mm) dia. loop, -55 to +100 °C
T		SST Wire Rope, No Jacket Good flexibility, good abrasion resistance, .047 (1.2) diameter, passivated, -65 to +200 °C
U		Wire Rope, Black Polyurethane Stainless steel rope with black polyurethane coating, flexible, excellent abrasion resistance and resistance to fuels, .080" (2mm) diameter, -55 to +125 °C

Shell Size	ø H Max In.	mm.
09	.844	21.4
11	.975	24.8
13	1.125	28.6
15	1.250	31.8
17	1.406	35.7
19	1.500	38.1
21	1.625	41.3
23	1.750	44.5
25	1.875	47.6

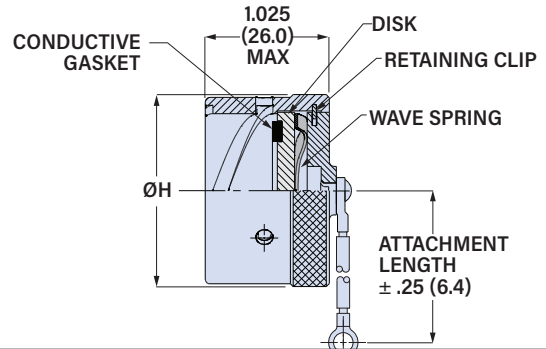


TABLE 3 ATTACHMENT RING

EYELET		STYLE A RING		STYLE B RING		SPLIT RING	
Code	Eyelet I.D. ±.010 (0.3)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)	Code	Ring I.D. ±.015 (0.4)
-06	.125 (3.2)	-095	.312 (7.9)	-10	.593 (15.1)	-50	.425 (10.8)
-01	.140 (3.6)	-100	.391 (9.9)	-12	.718 (18.2)	-52	.485 (12.3)
-09	.156 (4.0)	-101	.516 (13.1)	-13	.765 (19.4)	-54	.640 (16.3)
-05	.167 (4.2)	-103	.641 (16.3)	-14	.844 (21.4)	-56	.750 (19.1)
-02	.182 (4.6)	-104	.708 (18.0)	-15	.890 (22.6)	-58	.890 (22.6)
-03	.191 (4.9)	-105	.766 (19.5)	-17	1.015 (25.8)	-60	1.015 (25.8)
-04	.197 (5.0)	-106	.896 (22.8)	-19	1.140 (29.0)	-62	1.095 (27.8)
-07	.218 (5.5)	-107	1.016 (25.8)	-20	1.203 (30.6)	-64	1.130 (28.7)
		-108	1.141 (29.0)	-21	1.265 (32.1)	-66	1.250 (31.8)
		-208	1.203 (30.6)	-22	1.343 (34.1)	-68	1.350 (34.3)
		-109	1.266 (32.2)	-24	1.484 (37.7)	-70	1.375 (34.9)
		-110	1.391 (35.3)	-27	1.640 (41.7)	-72	1.485 (37.7)
		-111	1.521 (38.6)	-29	1.765 (44.8)	-74	1.625 (41.3)
		-112	1.641 (41.7)	-30	1.890 (48.0)	-76	1.750 (44.5)
		-113	1.766 (44.9)	-31	1.953 (49.6)	-80	1.980 (50.3)
		-114	1.891 (48.0)	-33	2.077 (52.8)	-84	2.235 (56.8)
		-115	2.078 (52.8)	-36	2.187 (55.5)	-86	2.310 (58.7)
		-116	2.406 (61.1)	-40	2.406 (61.1)	-88	2.475 (62.9)
		-117	2.510 (63.8)	-44	2.656 (67.5)	-90	2.655 (67.4)
CABLE TIE							
	-WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.						