

Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

667-024 Receptacle Cover, Self-Locking

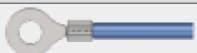
M38999/III Receptacle Cover

Self-Locking


TABLE 1 MATERIAL / FINISH

Aluminum	Stainless Steel
C Black Anodize	Z1 Passivate
M Electroless Nickel	
NF Olive Drab Cadmium	
MT Nickel-PTFE	
ZR Black Zinc-Nickel	
TZ Tin-Zinc	

TABLE 2 ATTACHMENT TYPE

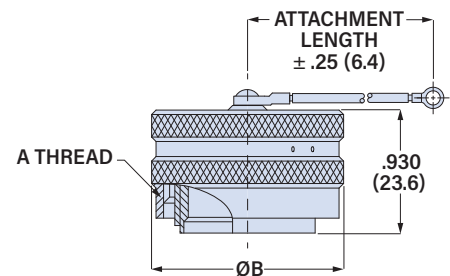
D	 SST Bead Chain .125 (3.2) diameter, size 6, -65 to +200 °C
F	 Wire Rope, Blue Nylon Jacket 6/6 nylon over stainless steel rope, fair flexibility, good abrasion resistance, -55 to +100 °C
G	 Black Nylon Rope Very flexible, good abrasion and fuel resistance, .094 (2.4) diameter, -55 to +100 °C
H	 Wire 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 (71)
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

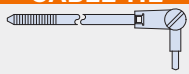
Self-locking. Universal keying. 667-024 protective cover fits MIL-DTL-38999 Series III triple-start receptacle connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Coupling nut and barrel are aluminum or SST. Thermoplastic detent spring, nickel-plated copper alloy ground spring, SST rivit and fittings.

PART NUMBER

PART NUMBER		667-024		M		25		H		4		-09		G	
Base P/N		667-024													
Material/Finish		See Table 1													
Shell Size		Shell Size		9	11	13	15	17	19	21	23	25			
				A	B	C	D	E	F	G	H	J			
		Size Code		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		Omit for Attachment Types N and SK -00 No Ring See Table 3 for Attachment Ring Codes													
Ground Spring		Omit for None G Ground Spring													

Shell Size	A Thread	ø B Max In.	mm.
09 (A)	.625-0.1P-0.3L-TS-2B	.859	21.8
11 (B)	.750-0.1P-0.3L-TS-2B	.969	24.6
13 (C)	.875-0.1P-0.3L-TS-2B	1.141	29.0
15 (D)	1.000-0.1P-0.3L-TS-2B	1.266	32.2
17 (E)	1.1875-0.1P-0.3L-TS-2B	1.391	35.3
19 (F)	1.250-0.1P-0.3L-TS-2B	1.500	38.1
21 (G)	1.375-0.1P-0.3L-TS-2B	1.625	41.3
23 (H)	1.500-0.1P-0.3L-TS-2B	1.750	44.5
25 (J)	1.625-0.1P-0.3L-TS-2B	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)
CABLE TIE  -WS Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.		-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)