Series 66 Protective Covers

for MIL-DTL-38999 Series III Connectors

667-024 Receptacle Cover, Self-Locking

M38999/III Receptacle Cover

Self-Locking



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.

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	

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 A	11 B	13 C	15 D	17 E	19 F	21 G	23 H	25 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.	ø B Max 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

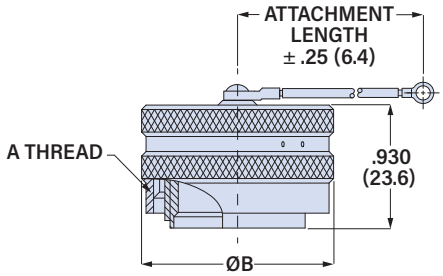


TABLE 2 ATTACHMENT TYPE

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 (7.1)

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

TABLE 3 ATTACHMENT RING

EYELET



Code	Eyelet I.D. ± .010 (0.3)
-06	.125 (3.2)
-01	.140 (3.6)
-09	.156 (4.0)
-05	.167 (4.2)
-02	.182 (4.6)
-03	.191 (4.9)
-04	.197 (5.0)
-07	.218 (5.5)

CABLE TIE



-WS
Black 6/6 nylon cable tie 1.77 (45.0) max. wire bundle dia.

STYLE A RING



Code	Ring I.D. ± .015 (0.4)
-095	.312 (7.9)
-100	.391 (9.9)
-101	.516 (13.1)
-103	.641 (16.3)
-104	.708 (18.0)
-105	.766 (19.5)
-106	.896 (22.8)
-107	1.016 (25.8)
-108	1.141 (29.0)
-208	1.203 (30.6)
-109	1.266 (32.2)
-110	1.391 (35.3)
-111	1.521 (38.6)
-112	1.641 (41.7)
-113	1.766 (44.9)
-114	1.891 (48.0)
-115	2.078 (52.8)
-116	2.406 (61.1)
-117	2.510 (63.8)

STYLE B RING



Code	Ring I.D. ± .015 (0.4)
-10	.593 (15.1)
-12	.718 (18.2)
-13	.765 (19.4)
-14	.844 (21.4)
-15	.890 (22.6)
-17	1.015 (25.8)
-19	1.140 (29.0)
-20	1.203 (30.6)
-21	1.265 (32.1)
-22	1.343 (34.1)
-24	1.484 (37.7)
-27	1.640 (41.7)
-29	1.765 (44.8)
-30	1.890 (48.0)
-31	1.953 (49.6)
-33	2.077 (52.8)
-36	2.187 (55.5)
-40	2.406 (61.1)
-44	2.656 (67.5)

SPLIT RING



Code	Ring I.D. ± .015 (0.4)
-50	.425 (10.8)
-52	.485 (12.3)
-54	.640 (16.3)
-56	.750 (19.1)
-58	.890 (22.6)
-60	1.015 (25.8)
-62	1.095 (27.8)
-64	1.130 (28.7)
-66	1.250 (31.8)
-68	1.350 (34.3)
-70	1.375 (34.9)
-72	1.485 (37.7)
-74	1.625 (41.3)
-76	1.750 (44.5)
-80	1.980 (50.3)
-84	2.235 (56.8)
-86	2.310 (58.7)
-88	2.475 (62.9)
-90	2.655 (67.4)

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

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