Series 66 Protective Covers

for AS50151 Connectors

667-450, 667-451 ProSeal™ Flip Lid Receptacle Cover

5015 Receptacle Cover

ProSeal™ Flip-and-Spin Lid

ProSeal™ Flip Lid

Spring-loaded, waterproof. ProSeal™ cover fits AS50151 threaded receptacle connectors including MS3100, MS3102, MS3412, MS3450, and MS3452. Cover mounts onto standard connector jam nut or square flange mounting holes. Two lid styles are available: ***Flip Lid*** and ***Flip-and-Spin Lid.*** Unthreaded flip lid has torsion spring and gimballed cover for dust-tight and water-tight sealing (IP67 rating). Flip-and-spin lid has threaded cover. Snap lid onto connector face, then hand-tighten ¼ turn for IP68 ingress protection plus IPX6 high pressure water spray. -40 to +120 °C.

PART NUMBER

	667-450	C	32	T1	W	-59

Base P/N	**667-450** Flip-and-Spin Lid **667-451** Flip Lid
Bracket Finish	*See Table 1*
Shell Size	*See Dimensions Table below for Shell Size Code*
Panel Thickness	**T0** Front Mount *(not applicable to jam nut mount)* **T1** .062 (1.6) +/- .030 (0.8) **T2** .125 (3.2) +/- .030 (0.8)
Mounting Type	**J** Jam Nut *(fig. 1)* **W** Square Flange *(fig. 2)*
Modification Code	*Mod-59 is not available for P/N 667-450* **-59** Silver-Filled Silicone EMI Gasket

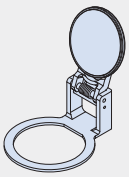
TABLE 1 BRACKET FINISH

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

MATERIALS AND FINISHES

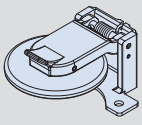
Lid, lever arm, gimbal: thermoplastic, black
Bracket: aluminum, plated per finish code
Spring, pin, rivit: SST/passivate
Sleeve: Delrin
Gasket: silicone
Conductive gasket: silver-filled silicone

Fig. 1
Mounting Type J

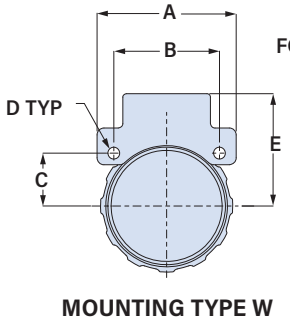


Jam Nut

Fig. 2
Mounting Type W

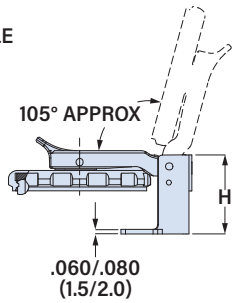


Square Flange



MOUNTING TYPE J
FOR JAM NUT RECEPTACLE

MOUNTING TYPE W
FOR SQUARE FLANGE RECEPTACLE



WHEN THE LEVER ARM IS LIFTED TO THE OPEN POSITION, IT WILL REMAIN OPEN AT APPROXIMATELY 105° FROM RECEPTACLE FACE.

Shell Size Code	Shell Size	A Max		B ±.015 (.38)		C ±.015 (.38)		D ±.008 (.20)		E Max		F ±.031 (.79)		G Max		H Max	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
01	8	.967	24.6	.594	15.1	.297	7.5	.128	3.3	.841	21.4	.890	22.6	.841	21.4	.993	25.2
02	10	1.061	26.9	.719	18.3	.360	9.1	.134	3.4	.903	22.9	.937	23.8	.893	22.7	.993	25.2
03	12	1.156	29.4	.812	20.6	.406	10.3	.134	3.4	.966	24.5	1.062	27.0	.966	24.5	1.243	31.6
04	12S	1.156	29.4	.812	20.6	.406	10.3	.134	3.4	.966	24.5	1.062	27.0	.966	24.5	.993	25.2
05	14	1.250	31.8	.906	23.0	.453	11.5	.134	3.4	1.034	26.3	1.188	30.2	1.034	26.3	1.243	31.6
06	14S	1.250	31.8	.906	23.0	.453	11.5	.134	3.4	1.034	26.3	1.188	30.2	1.034	26.3	.993	25.2
07	16	1.341	34.1	.969	24.6	.485	12.3	.134	3.4	1.113	28.3	1.375	34.9	1.133	28.8	1.243	31.6
08	16S	1.341	34.1	.969	24.6	.485	12.3	.134	3.4	1.113	28.3	1.375	34.9	1.133	28.8	.993	25.2
09	18	1.467	37.3	1.062	27.0	.531	13.5	.134	3.4	1.149	29.2	1.625	41.3	1.149	29.2	1.243	31.6
10	20	1.593	40.5	1.156	29.4	.578	14.7	.134	3.4	1.365	34.7	1.750	44.5	1.365	34.7	1.328	33.7
11	22	1.719	43.7	1.250	31.8	.625	15.9	.134	3.4	1.429	36.3	2.000	50.8	1.429	36.3	1.328	33.7
12	24	1.871	47.5	1.375	34.9	.688	17.5	.154	3.9	1.491	37.9	2.150	54.6	1.491	37.9	1.328	33.7
13	28	2.042	51.9	1.562	39.7	.781	19.8	.154	3.9	1.656	42.1	2.309	58.6	1.708	43.4	1.328	33.7
14	32	2.280	57.9	1.750	44.5	.875	22.2	.177	4.5	1.743	44.3	2.562	65.1	1.867	47.4	1.390	35.3
15	36	2.530	64.3	1.938	49.2	.969	24.6	.177	4.5	1.977	50.2	2.875	73.0	2.124	53.9	1.390	35.3
16	40	2.780	70.6	2.188	55.6	1.094	27.8	.177	4.5	2.196	55.8	3.145	79.9	2.214	56.2	1.390	35.3