

SPRING ACTION

ProSeal™ environmental connector covers

for MIL-DTL-38999 Series III / SuperNine® connectors

Pressure seal, dust and immersion resistant

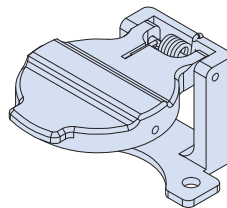


667-407 PROSEAL PROTECTIVE COVER FOR D38999 SERIES III CONNECTORS

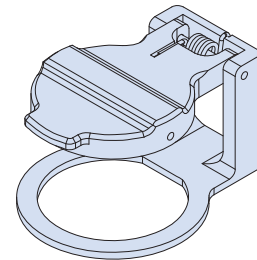


How to Order 667-407						
Sample Part Number		667-407	NF	17	T1	J -59
Series	ProSeal protective cover for D38999 Series III connectors					
Material / Finish	See Table II					
Shell Size	See Table I					
Panel Thickness	See Table III					
Type of Mounting	J = Jam Nut Mount Receptacle W = Wall Mount Receptacle					
EMI Protective Gasket option	-59 = EMI Silicone Gasket					

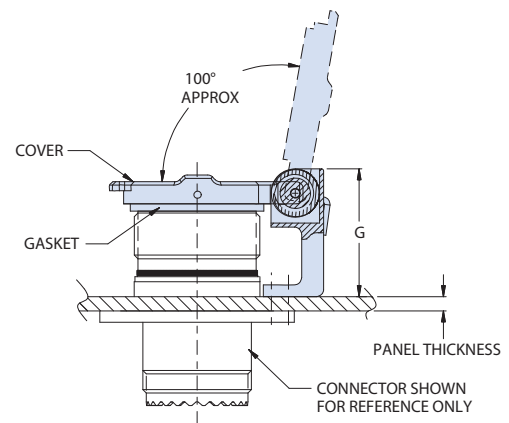
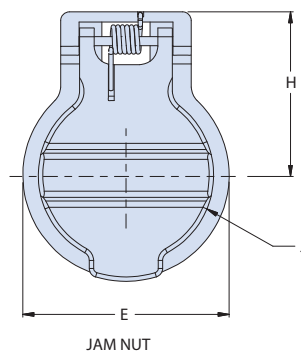
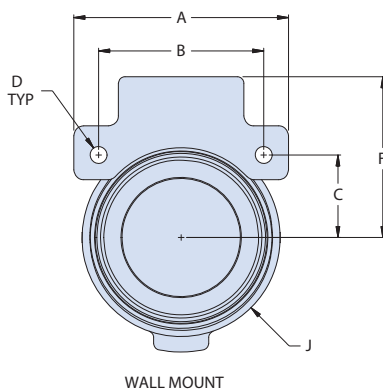
- Pressure seal, dust and immersion resistant
- Self-aligning
- Spring-action cover stays open at approximately 100° from receptacle face



Wall mount



Jam Nut Mount



MATERIAL / FINISH

Cover - See Table II

Spring / Roll Pin - Stainless Steel / Passivate

Sleeve - Delrin

Gasket - Silicone (optional)

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Pressure seal, dust and immersion resistant



Table I: Dimensions																
Shell Size	A ±.031 (.79)		B Dim		C Dim		D ±.008 (.20)		E ±.031 (.79)		F Dim max		H Dim max		J Dia max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
09	0.937	23.80	0.719	18.26	0.360	9.14	0.128	3.25	1.031	26.19	.842	21.39	.914	23.22	.880	22.35
11	1.031	26.19	0.812	20.62	0.406	10.31	0.128	3.25	1.125	28.58	.903	22.94	.962	24.43	1.005	25.53
13	1.126	28.60	0.906	23.01	0.453	11.51	0.128	3.25	1.375	34.93	.967	24.56	1.084	27.53	1.130	28.70
15	1.220	30.99	0.969	24.61	0.485	12.32	0.128	3.25	1.560	39.62	1.029	26.14	1.179	29.95	1.255	31.88
17	1.311	33.30	1.062	26.97	0.531	13.49	0.128	3.25	1.625	41.28	1.114	28.30	1.212	30.78	1.425	36.20
19	1.437	36.50	1.156	29.36	0.578	14.68	0.128	3.25	1.750	44.45	1.146	29.11	1.274	32.36	1.488	37.80
21	1.563	39.70	1.250	31.75	0.625	15.88	0.128	3.25	2.000	50.80	1.366	34.70	1.539	39.09	1.611	40.92
23	1.689	42.90	1.375	34.93	0.688	17.48	0.154	3.91	2.150	54.61	1.430	36.32	1.615	41.02	1.738	44.15
25	1.841	46.76	1.500	38.10	0.750	19.05	0.154	3.91	2.218	56.34	1.492	37.90	1.648	41.86	1.863	47.32

Table II: Material and Finish		
Sym	Material	Finish
MT	Aluminum	Nickel-PTFE
ZR		Zinc-Nickel, Black (Tri-Valent CR)
M		Electroless Nickel
NF		Cad Plate / Olive Drab over Electroless Nickel
C		Anodize / Black
UC		Zinc Cobalt / Black
Z1	SST	Passivate
XB	Composite	Color Black

Table III: Panel Thickness							
Dash No.	Panel Thickness* ±.030 (.76)		Shell Size	G ± .06			
				Jam Nut Mount		Wall Mount	
	in	mm		in	mm	in	mm
T0	.000	.00	09-19	N/A	N/A	1.039	26.39
			21-25	N/A	N/A	1.094	27.79
T1	.062	1.57	09-19	1.041	26.44	0.977	24.82
			21-25	1.126	28.60	1.032	26.21
T2	.125	3.18	09-19	0.979	24.87	0.915	23.24
			21-25	1.064	27.03	0.970	24.64

*Jam nut mount is not available with panel thickness T0

SPRING ACTION

ProSeal™ environmental connector covers

for MIL-DTL-38999 Series III / SuperNine® connectors
Threaded closure seal, full environmental



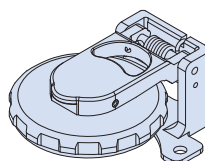
667-448 PROSEAL PROTECTIVE COVER FOR D38999 SERIES III CONNECTORS



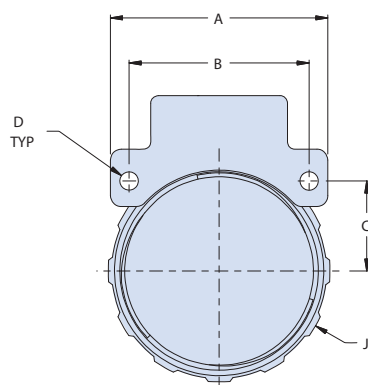
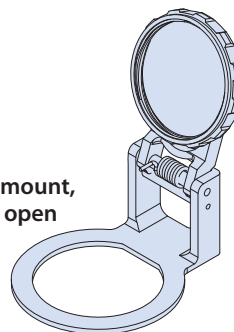
How to Order 667-448						
Sample Part Number		667-448	NF	17	T1	J -59
Series	ProSeal protective cover for D38999 Series III connectors					
Material / Finish	See Table II					
Shell Size	See Table I					
Panel Thickness	See Table III					
Type of Mounting	J = Jam Nut Mount Receptacle W = Wall Mount Receptacle					
Gasket option	Omit = Silicone Gasket -59 = Consil-II -59C = Cho-Seal 1285					

- Threaded closure
- Full environmental protection
- Self-aligning
- Spring-action cover stays open at approximately 105° from receptacle face

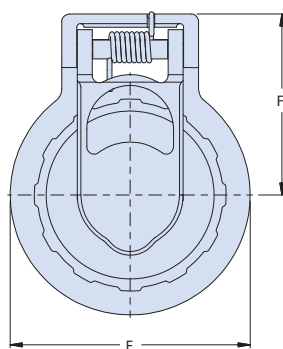
Wall mount, shown closed



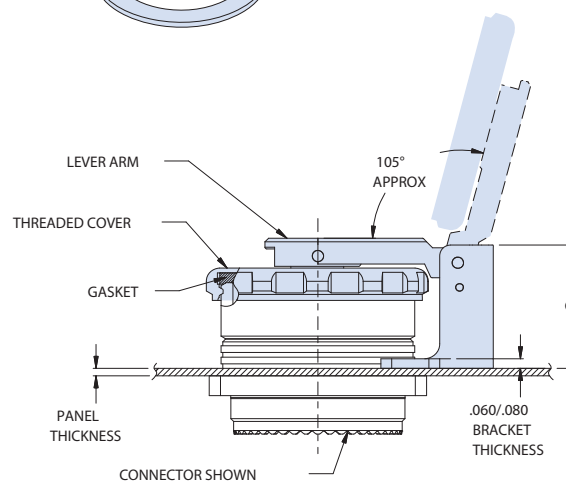
Jam nut mount, shown open



WALL MOUNT



JAM NUT



MATERIAL / FINISH

Cover, Lever Arm, Gimbal - Thermoplastic / Black
Bracket - see Table II
Spring / Pin / Rivet - 300 Series SST / Passivate
Sleeve - Delrin
Gasket - Silicone (optional)

SPRING ACTION

ProSeal™ environmental connector covers

for MIL-DTL-38999 Series III / SuperNine® connectors
Threaded closure seal, full environmental



Table I: Dimensions														
Shell Size	A Dim max		B Dim		C Dim		D ±.008 (.20)		E ±.031 (.79)		F Dim max		J Dia max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
09	0.937	23.80	0.719	18.26	0.360	9.14	0.128	3.25	1.031	26.19	.913	23.19	.872	22.15
11	1.031	26.19	0.812	20.62	0.406	10.31	0.128	3.25	1.125	28.58	.961	24.41	.988	25.10
13	1.126	28.60	0.906	23.01	0.453	11.51	0.128	3.25	1.375	34.93	1.083	27.51	1.129	28.68
15	1.220	30.99	0.969	24.61	0.485	12.32	0.128	3.25	1.560	39.62	1.178	29.92	1.280	32.51
17	1.311	33.30	1.062	26.97	0.531	13.49	0.128	3.25	1.625	41.28	1.211	30.76	1.441	36.60
19	1.437	36.50	1.156	29.36	0.578	14.68	0.128	3.25	1.750	44.45	1.273	32.33	1.499	38.07
21	1.563	39.70	1.250	31.75	0.625	15.88	0.128	3.25	2.000	50.80	1.538	39.07	1.630	41.40
23	1.689	42.90	1.375	34.93	0.688	17.48	0.154	3.91	2.150	54.61	1.614	41.00	1.755	44.58
25	1.841	46.76	1.500	38.10	0.750	19.05	0.154	3.91	2.218	56.34	1.647	41.83	1.880	47.75

Table II: Material and Finish		
Sym	Material	Finish
MT	Aluminum	Nickel-PTFE
ZR		Zinc-Nickel, Black (Tri-Valent CR)
M		Electroless Nickel
NF		Cad Plate / Olive Drab over Electroless Nickel
C		Anodize / Black
UC		Zinc Cobalt / Black
XB	Composite	Color Black

Table III: Panel Thickness							
Dash No.	Panel Thickness* ±.030 (.76)		Shell Size	G ± .06			
				Jam Nut Mount		Wall Mount	
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T0	.000	.00	09-19	N/A	N/A	1.039	26.39
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T1	.062	1.57	09-19	1.041	26.44	0.977	24.82
			21-25	1.126	28.60	1.032	26.21
T2	.125	3.18	09-19	0.979	24.87	0.915	23.24
			21-25	1.064	27.03	0.970	24.64

*Jam nut mount is not available with panel thickness T0

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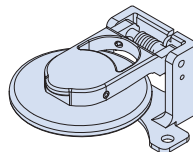
667-449 PROSEAL PROTECTIVE COVER FOR D38999 SERIES III CONNECTORS



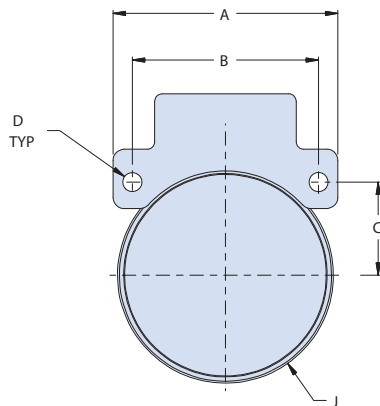
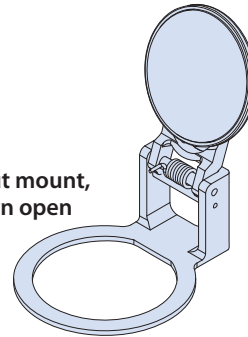
How to Order 667-449						
Sample Part Number		667-449	NF	17	T1	J -59
Series	ProSeal protective cover for D38999 Series III connectors					
Material / Finish	See Table II					
Shell Size	See Table I					
Panel Thickness	See Table III					
Type of Mounting	J = Jam Nut Mount Receptacle W = Wall Mount Receptacle					
Gasket option	Omit = Silicone Gasket -59 = Consil-II -59C = Cho-Seal 1285					

- Pressure seal, dust and immersion resistant
- Self-aligning
- Spring-action cover stays open at approximately 105° from receptacle face

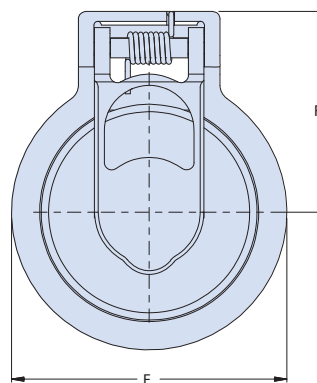
Wall mount, shown closed



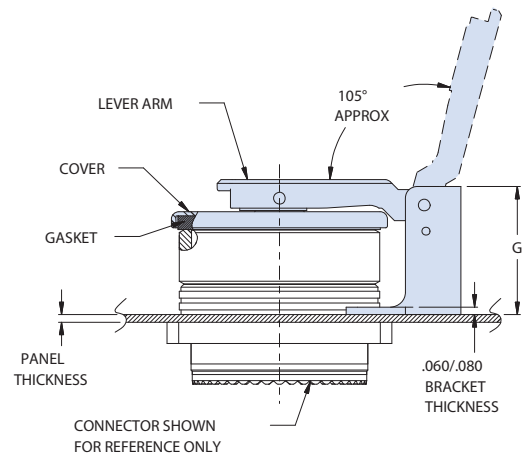
Jam nut mount, shown open



WALL MOUNT



JAM NUT



MATERIAL / FINISH

Cover, Lever Arm, Gimbal - Thermoplastic / Black

Bracket - see Table II

Spring / Pin / Rivet - 300 Series SST / Passivate

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11	1.031	26.19	0.812	20.62	0.406	10.31	0.128	3.25	1.125	28.58	.961	24.41	.860	21.84
13	1.126	28.60	0.906	23.01	0.453	11.51	0.128	3.25	1.375	34.93	1.083	27.51	.985	25.02
15	1.220	30.99	0.969	24.61	0.485	12.32	0.128	3.25	1.560	39.62	1.178	29.92	1.120	28.45
17	1.311	33.30	1.062	26.97	0.531	13.49	0.128	3.25	1.625	41.28	1.211	30.76	1.280	32.51
19	1.437	36.50	1.156	29.36	0.578	14.68	0.128	3.25	1.750	44.45	1.273	32.33	1.343	34.11
21	1.563	39.70	1.250	31.75	0.625	15.88	0.128	3.25	2.000	50.80	1.538	39.07	1.466	37.24
23	1.689	42.90	1.375	34.93	0.688	17.48	0.154	3.91	2.150	54.61	1.614	41.00	1.593	40.46
25	1.841	46.76	1.500	38.10	0.750	19.05	0.154	3.91	2.218	56.34	1.647	41.83	1.718	43.64

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			21-25	1.064	27.03	0.970	24.64

*Jam nut mount is not available with panel thickness T0