



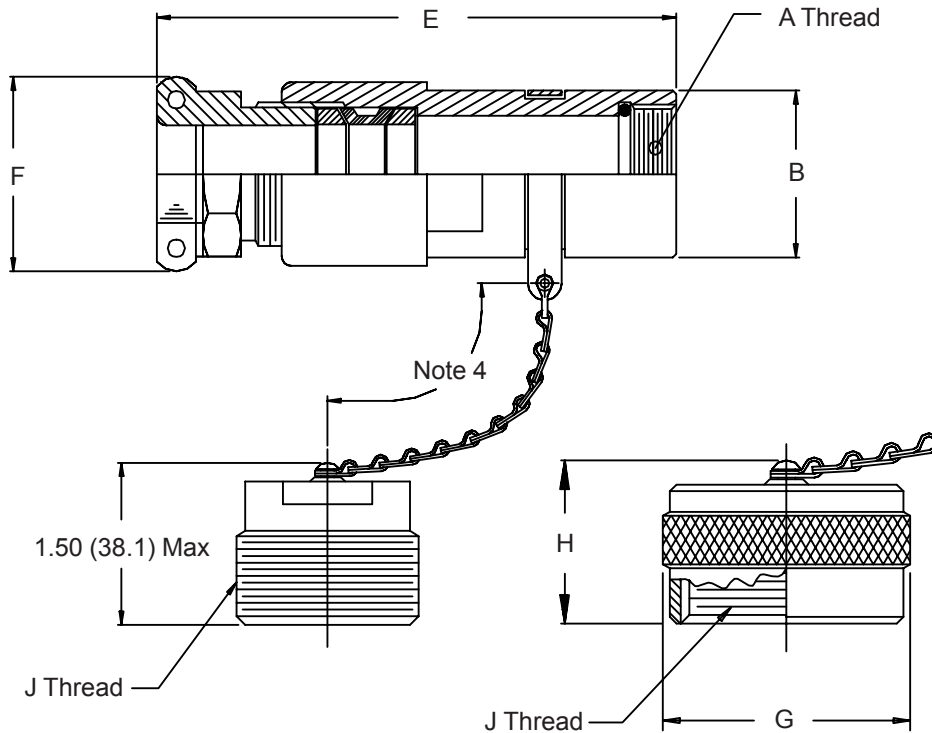
AS85049/4 Style 1 Environmental Backshells

Glenair Connector Designator C

**MIL-C-22992
Classes C, J, and R**

M85049/4 W 10 A 1

Basic Part No. _____
 Body and Cap Finish _____
 A = Anodize
 W = 1,000 Hour Cadmium Olive Drab Over Electroless Nickel
 Style 1
 Type (A or B)
 Dash Number (Table II)



TYPE A - Plug Cap
For use with MS17344

TYPE B - Receptacle Cap
For use with MS17343,
MS17345, and MS17347

TABLE I

Shell Size	A Thread Class 2B-LH	B Dia ±.015 (.4)	G Dia Max	H Max	J Thread (plated) Class 2 (A or B)
12	.7500 - 20 UNEF	.933 (23.7)	1.094 (27.8)	.765 (19.4)	0.875-0.1P-0.2L-DS
14	.8750 - 20 UNEF	1.057 (26.8)	1.219 (31.0)	.765 (19.4)	1.000-0.1P-0.2L-DS
18	1.1250 - 18 UNEF	1.307 (33.2)	1.469 (37.3)	.980 (24.9)	1.250-0.1P-0.2L-DS
20	1.2500 - 18 UNEF	1.433 (36.4)	1.562 (39.7)	.980 (24.9)	1.375-0.1P-0.2L-DS
22	1.3750 - 18 UNEF	1.557 (39.5)	1.688 (42.9)	.980 (24.9)	1.500-0.1P-0.2L-DS
24	1.6250 - 18 UNEF	1.807 (45.9)	1.938 (49.2)	.980 (24.9)	1.750-0.1P-0.2L-DS
28	1.8750 - 16 UN	2.057 (52.2)	2.219 (56.4)	.980 (24.9)	2.000-0.1P-0.2L-DS
32	2.0625 - 16 UNS	2.307 (58.6)	2.469 (62.7)	.980 (24.9)	2.250-0.1P-0.2L-DS
36	2.3125 - 16 UNS	2.557 (64.9)	2.719 (69.1)	.980 (24.9)	2.500-0.1P-0.2L-DS
40	2.6250 - 16 UN	2.870 (72.9)	2.969 (75.4)	.980 (24.9)	2.750-0.1P-0.2L-DS
44	2.8750 - 16 UN	3.120 (79.2)	3.217 (81.7)	.980 (24.9)	3.000-0.1P-0.2L-DS

AS85049/4 Style 1 Environmental Backshells



Environmental
Backshells

TABLE II

Dash No.	Shell Size	E		F		Cable Range	
		Max	±.031	(.8)	Min	Max	
1	12	4.275 (108.6)	1.375 (34.9)	.436 (11.1)	.530 (13.5)		
2	12	3.678 (93.4)	1.125 (28.6)	.406 (10.3)	.500 (12.7)		
3	12	4.275 (108.6)	1.375 (34.9)	.311 (7.9)	.405 (10.3)		
4	14	4.177 (106.1)	1.375 (34.9)	.511 (13.0)	.605 (15.4)		
5	14	4.489 (114.0)	1.562 (39.7)	.531 (13.5)	.625 (15.9)		
6	14	4.177 (106.1)	1.375 (34.9)	.436 (11.1)	.530 (13.5)		
7	14	4.177 (106.1)	1.375 (34.9)	.311 (7.9)	.405 (10.3)		
8	18	4.584 (116.4)	1.688 (42.9)	.715 (18.2)	.828 (21.0)		
9	20	4.647 (118.0)	1.812 (46.0)	.637 (16.2)	.750 (19.1)		
10	20	4.896 (124.4)	2.125 (54.0)	.875 (22.2)	1.000 (25.4)		
11	20	4.647 (118.0)	1.812 (46.0)	.787 (20.0)	.900 (22.9)		
12	20	4.896 (124.4)	2.125 (54.0)	.930 (23.6)	1.055 (26.8)		
13	22	4.896 (124.4)	2.125 (54.0)	.875 (22.2)	1.000 (25.4)		
14	22	4.896 (124.4)	2.125 (54.0)	.984 (25.0)	1.109 (28.2)		
15	24	4.959 (126.0)	2.469 (62.7)	1.055 (26.8)	1.180 (30.0)		
16	24	4.959 (126.0)	2.469 (62.7)	1.185 (30.1)	1.310 (33.3)		
17	24	4.959 (126.0)	2.469 (62.7)	1.105 (28.1)	1.230 (31.2)		
18	24	4.959 (126.0)	2.625 (66.7)	1.250 (31.8)	1.375 (34.9)		
19	28	5.021 (127.5)	2.625 (66.7)	1.320 (33.5)	1.445 (36.7)		
20	28	5.021 (127.5)	2.625 (66.7)	1.406 (35.7)	1.531 (38.9)		
21	28	5.021 (127.5)	2.625 (66.7)	1.250 (31.8)	1.375 (34.9)		
22	32	5.083 (129.1)	2.953 (75.0)	1.531 (38.9)	1.656 (42.1)		
23	32	5.385 (136.8)	3.171 (80.5)	1.700 (43.2)	1.828 (46.4)		
24	32	5.083 (129.1)	2.953 (75.0)	1.437 (36.5)	1.562 (39.7)		
25	32	5.385 (136.8)	3.171 (80.5)	1.605 (40.8)	1.730 (43.9)		
26	36	5.354 (136.0)	3.171 (80.5)	1.775 (45.1)	1.900 (48.3)		
27	36	5.354 (136.0)	3.171 (80.5)	1.605 (40.8)	1.730 (43.9)		
28	36	5.354 (136.0)	3.171 (80.5)	1.700 (43.2)	1.825 (46.4)		
29	36	5.354 (136.0)	3.171 (80.5)	1.859 (47.2)	1.984 (50.4)		
30	36	5.385 (136.8)	3.375 (85.7)	1.917 (48.7)	2.062 (52.4)		
31	40	5.682 (144.3)	3.625 (92.1)	2.230 (56.6)	2.375 (60.3)		
32	40	5.682 (144.3)	3.500 (88.9)	2.105 (53.5)	2.250 (57.2)		
33	40	5.620 (142.7)	3.375 (85.7)	2.000 (50.8)	2.145 (54.5)		
34	40	5.620 (142.7)	3.375 (85.7)	1.917 (48.7)	2.062 (52.4)		
35	44	6.471 (164.4)	3.531 (89.7)	2.183 (55.4)	2.328 (59.1)		

1. For complete dimensions see applicable Military Specification.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Approx. Chain Lengths:
 Dash No. 1-12 = 5.0 (127.0);
 Dash No. 13-35 = 6.0 (152.4)