

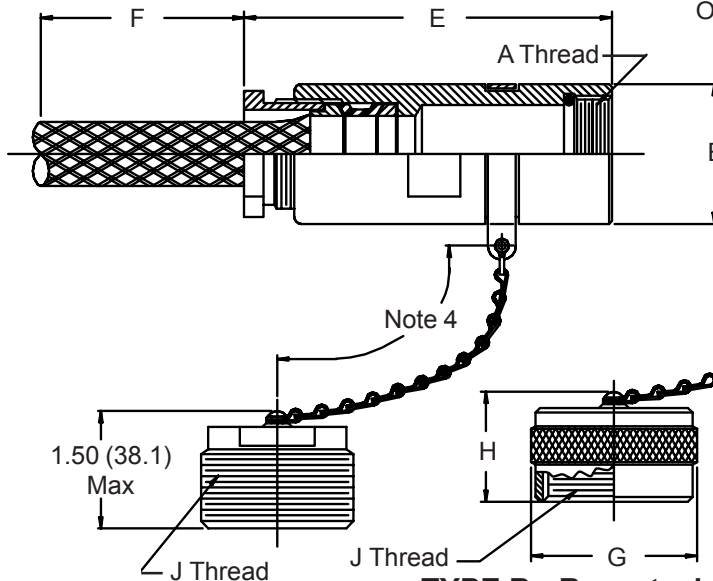
AS85049/3 Style 3 Environmental Backshells



Environmental
Backshells

Glenair Connector Designator C
MIL-C-22992 Classes C, J, and R

Basic Part No. **M85049/3** **W** **10** **A** **3**
Body and Cap Finish **W** = 1,000 Hour Cadmium Olive Drab Over Electroless Nickel
Style 3
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

- For complete dimensions see applicable Military Specification.
- Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
- Approx. Chain Lengths: Dash No. 1-11 = 5.0 (127.0); Dash No. 12-26 = 6.0 (152.4)

TABLE II						
Dash No.	Shell Size	Cable Range		F Appr.		
		Min	Max	Free Length		
1	12	.281 (7.1)	.377 (9.6)	3.344	(84.9)	
2	12	.219 (5.6)	.281 (7.1)	3.344	(84.9)	
3	14	.400 (10.2)	.438 (11.1)	4.344	(110.3)	
4	16	.511 (13.0)	.605 (15.4)	5.188	(131.8)	
5	16	.436 (11.1)	.530 (13.5)	4.688	(119.1)	
6	16	.316 (8.0)	.405 (10.3)	3.688	(93.7)	
7	18	.605 (15.4)	.699 (17.8)	6.188	(157.2)	
8	18	.560 (14.2)	.625 (15.9)	6.188	(157.2)	
9	18	.361 (9.2)	.455 (11.6)	4.188	(106.4)	
10	20	.715 (18.2)	.828 (21.0)	6.688	(169.9)	
11	20	.449 (11.4)	.562 (14.3)	5.188	(131.8)	
12	22	.787 (20.0)	.900 (22.9)	7.188	(182.6)	
13	22	.637 (16.2)	.750 (19.1)	6.688	(169.9)	
14	24	.984 (25.0)	1.109 (28.2)	7.688	(195.3)	
15	24	.875 (22.2)	1.000 (25.4)	7.188	(182.6)	
16	24	.755 (19.2)	.880 (22.4)	6.688	(169.9)	
17	28	1.185 (30.1)	1.310 (33.3)	8.688	(220.7)	
18	28	1.105 (28.1)	1.230 (31.2)	8.188	(208.0)	
19	28	1.055 (26.8)	1.180 (30.0)	8.188	(208.0)	
20	32	1.406 (35.7)	1.531 (38.9)	10.688	(271.5)	
21	32	1.320 (33.5)	1.455 (37.0)	9.688	(246.1)	
22	32	1.250 (31.8)	1.375 (34.9)	9.688	(246.1)	
23	36	1.531 (38.9)	1.656 (42.1)	12.688	(322.3)	
24	36	1.437 (36.5)	1.562 (39.7)	11.188	(284.2)	
25	44	2.105 (53.5)	2.250 (57.2)	17.188	(436.6)	
26	44	2.025 (51.4)	2.170 (55.1)	17.188	(436.6)	

TABLE I

Shell Size	A Thread Class 2B-LH	B Dia ±.015 (.4)	E Max	G Dia Max	H Max	J Thread (plated) Class 2 (A or B)
12	.7500 - 20 UNEF	.933 (23.7)	2.935 (74.5)	1.094 (27.8)	.765 (19.4)	0.875-0.1P-0.2L-DS
14	.8750 - 20 UNEF	1.057 (26.8)	3.248 (82.5)	1.219 (31.0)	.765 (19.4)	1.000-0.1P-0.2L-DS
16	1.0000 - 20 UNEF	1.183 (30.0)	3.712 (94.3)	1.344 (34.1)	.980 (24.9)	1.125-0.1P-0.2L-DS
18	1.1250 - 18 UNEF	1.307 (33.2)	4.024 (102.2)	1.469 (37.3)	.980 (24.9)	1.250-0.1P-0.2L-DS
20	1.2500 - 18 UNEF	1.433 (36.4)	4.115 (104.5)	1.562 (39.7)	.980 (24.9)	1.375-0.1P-0.2L-DS
22	1.3750 - 18 UNEF	1.557 (39.5)	4.150 (105.4)	1.688 (42.9)	.980 (24.9)	1.500-0.1P-0.2L-DS
24	1.6250 - 18 UNEF	1.807 (45.9)	4.212 (107.0)	1.938 (49.2)	.980 (24.9)	1.750-0.1P-0.2L-DS
28	1.8750 - 16 UN	2.057 (52.2)	4.275 (108.6)	2.219 (56.4)	.980 (24.9)	2.000-0.1P-0.2L-DS
32	2.0625 - 16 UNS	2.307 (58.6)	4.337 (110.2)	2.469 (62.7)	.980 (24.9)	2.250-0.1P-0.2L-DS
36	2.3125 - 16 UNS	2.557 (64.9)	4.399 (111.7)	2.719 (69.1)	.980 (24.9)	2.500-0.1P-0.2L-DS
44	2.8750 - 16 UN	3.120 (79.2)	5.799 (147.3)	3.217 (81.7)	.980 (24.9)	3.000-0.1P-0.2L-DS

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