

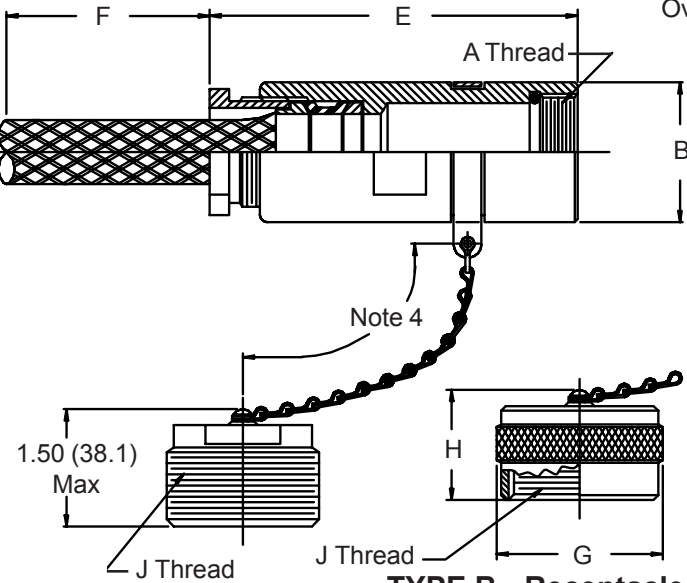
AS85049/3 Style 3 Environmental Backshells



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
 A = Anodize
 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)

Dash No.	Shell Size	Cable Range		F Appr. Free Length
		Min	Max	
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