

# M28840/8 A EMI/RFI Environmental Backshell



EMI/RFI  
Environmental  
Backshells

Glenair Connector  
Designator G

MIL-C-28840

## M28840/8 16 W A

Basic Part No.

Dash No. (Table II)

Style Designator - A = EMI/Environmental

Material and Finish Designator

D = Corrosion Resistant Steel,  
Cadmium Plate, Black

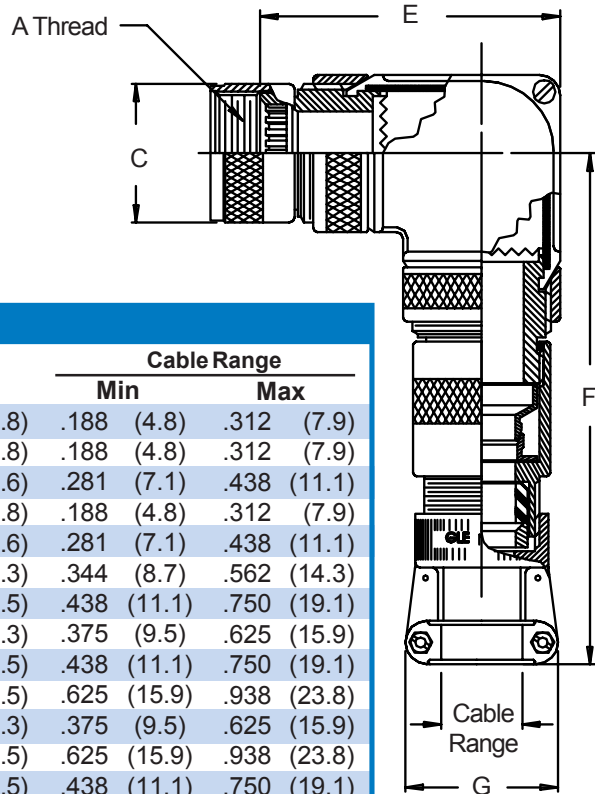
W = Aluminum, Cadmium Olive  
Drab over Electroless Nickel

TABLE I

Shell Size	A Thread Class 2B	C Dia Max
11	.750 - 20 UNEF	1.028 (26.1)
13	.875 - 20 UNEF	1.141 (29.0)
15	1.000 - 20 UNEF	1.263 (32.1)
17	1.125 - 18 UNEF	1.387 (35.2)
19	1.250 - 18 UNEF	1.513 (38.4)
23	1.438 - 18 UNEF	1.703 (43.3)
25	1.562 - 18 UNEF	1.825 (46.4)
29	1.875 - 16 UN	2.143 (54.4)
33	2.062 - 16 UNS	2.329 (59.2)

TABLE II

Dash No.	Shell Size Ref.	E Max Envelope	F Max	G Ref. Dim	Cable Range	
					Min	Max
01	11	2.614 (66.4)	5.332 (135.4)	.938 (23.8)	.188 (4.8)	.312 (7.9)
02	13	2.614 (66.4)	5.332 (135.4)	.938 (23.8)	.188 (4.8)	.312 (7.9)
03	13	2.614 (66.4)	5.332 (135.4)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
04	15	2.864 (72.7)	5.457 (138.6)	.938 (23.8)	.188 (4.8)	.312 (7.9)
05	15	2.864 (72.7)	5.457 (138.6)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
06	15	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
07	15	3.114 (79.1)	5.682 (144.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
08	17	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
09	17	3.114 (79.1)	5.713 (145.1)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
10	17	3.114 (79.1)	5.807 (147.5)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
11	19	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
12	19	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
13	23	3.364 (85.4)	5.738 (145.7)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
14	23	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
15	23	3.364 (85.4)	6.019 (152.9)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
16	25	3.364 (85.4)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
17	25	3.364 (85.4)	6.019 (152.9)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
18	25	3.614 (91.8)	6.144 (156.1)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
19	25	3.614 (91.8)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
20	29	3.614 (91.8)	6.144 (156.1)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
21	29	3.614 (91.8)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
22	33	4.114 (104.5)	6.426 (163.2)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
23	33	4.114 (104.5)	6.701 (170.2)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)
24	11	2.614 (66.4)	5.332 (135.4)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
25	11	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
26	13	2.864 (72.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
27	13	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
28	15	3.114 (79.1)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)



1. For complete dimensions see applicable Military Specification.
2. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.