

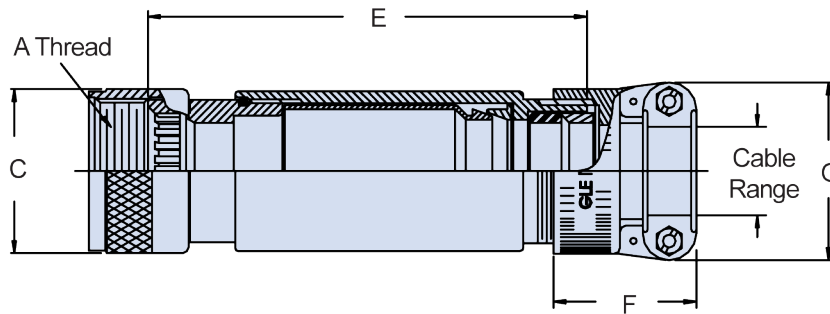
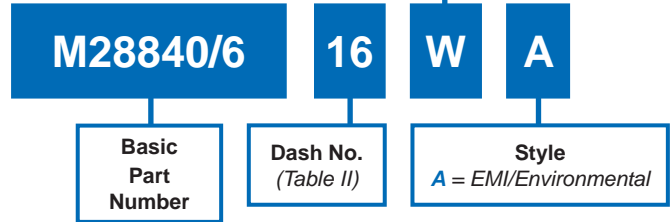
# MIL-DTL-28840/6 Style A Straight EMI/RFI Environmental Backshell



MIL-DTL-28840

CONNECTOR DESIGNATOR:	
<b>G</b>	MIL-DTL-28840

**Material and Finish**  
*D = Corrosion Resistant Steel, Cadmium Plate, Black*  
*W = Aluminum, Cadmium Olive Drab*



**TABLE I: Shell Size and Dimensions**

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)

### APPLICATION NOTES

- For complete dimensions see the applicable Military Specification.
- Metric dimensions (mm) are in parentheses.
- Cable Range is defined as the accommodation range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

**TABLE II: Dash Number, Shell Size, Dimensions and Cable Range**

Dash No.	Shell Size	E ± .120 (3.0)	F Ref Dim	G Ref Dim	Cable Range	
					Min	Max
01	11	3.62 (91.9)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
02	13	3.62 (91.9)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
03	13	3.62 (91.9)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
04	15	3.62 (91.9)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
05	15	3.62 (91.9)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
06	15	3.62 (91.9)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
07	15	4.12 (104.6)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
08	17	4.12 (104.6)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
09	17	4.12 (104.6)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
10	17	4.12 (104.6)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
11	19	4.12 (104.6)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
12	19	4.12 (104.6)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
13	23	4.62 (117.3)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
14	23	4.62 (117.3)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
15	23	4.62 (117.3)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
16	25	4.62 (117.3)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
17	25	5.12 (130.0)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
18	25	5.12 (130.0)	1.593 (40.5)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
19	25	5.12 (130.0)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
20	29	5.12 (130.0)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
21	29	5.12 (130.0)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
22	33	5.12 (130.0)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
23	33	5.12 (130.0)	1.900 (48.3)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)
24	11	3.62 (91.9)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
25	11	3.62 (91.9)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
26	13	3.62 (91.9)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
27	13	4.12 (104.6)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
28	15	4.12 (104.6)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)

Dimensions in inches (millimeters) and are subject to change without notice.