M28840/6 B
Environmental Backshells

Glenair Connector Designator G

MIL-C-28840

M28840/6 16 W B

- Basic Part No. — M28840/6
- Dash No. (Table II) — 16
- Material and Finish Designator — W
  - D = Corrosion Resistant Steel, Cadmium Plate, Black
  - W = Alumimum, Cadmium Olive Drab over Electroless Nickel
- Style Designator - B = Environmental — B

TABLE I

Shell Size	A Thread Class 2B	C Dia Max
11	.750 - 20 UNEF	1.03 (26.2)
13	.875 - 20 UNEF	1.14 (29.0)
15	1.000 - 20 UNEF	1.26 (32.0)
17	1.125 - 18 UNEF	1.39 (35.3)
19	1.250 - 18 UNEF	1.51 (38.4)
23	1.438 - 18 UNEF	1.70 (43.2)
25	1.563 - 18 UNEF	1.82 (46.2)
29	1.875 - 16 UN	2.14 (54.4)
33	2.063 - 16 UNS	2.33 (59.2)

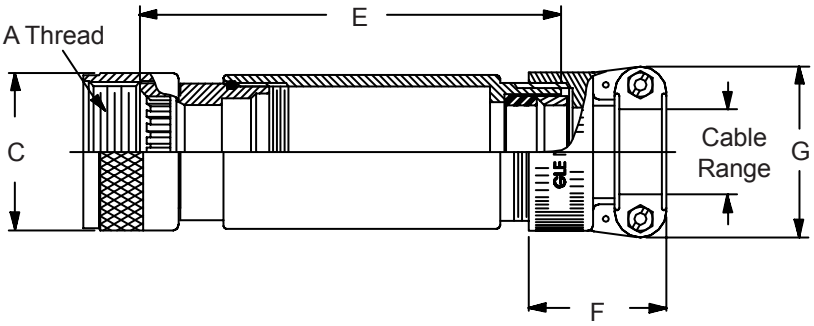

TABLE II

Dash No.	Shell Size Ref.	E ±.12	E (3.0)	F Ref. Dim	F Ref. Dim	G Ref. Dim	G Ref. Dim	Cable Range Min	Cable Range Min	Cable Range Max	Cable Range 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)

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.

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