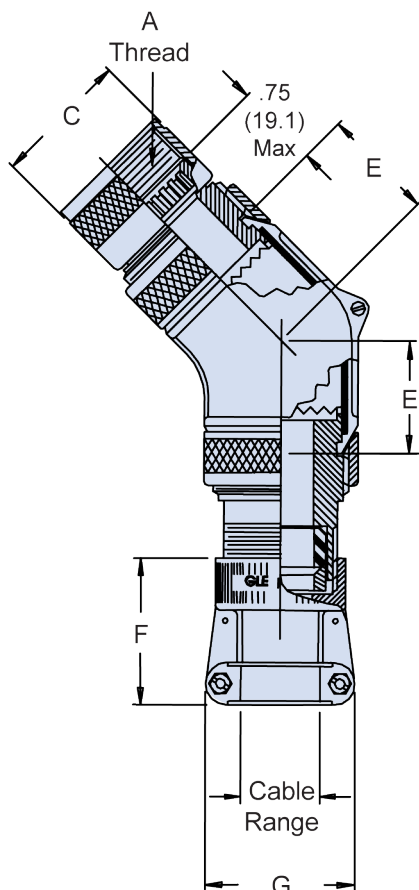


MIL-DTL-28840/9 45° Environmental Backsheli Style B



MIL-DTL-28840



CONNECTOR DESIGNATOR:

G MIL-DTL-28840

Basic
Part Number

M28840/9

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

16

Dash Number
(Table II)

W

Style Designator
B = Environmental

B

TABLE II: Dash Number, Dimensions and Cable Range

Dash No.	Shell Size Ref.	E Max	F Ref. Dim	G Ref. Dim	Cable Range	
					Min	Max
01	11	1.031 (26.2)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
02	13	1.031 (26.2)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
03	13	1.031 (26.2)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
04	15	1.156 (29.4)	1.281 (32.5)	.938 (23.8)	.188 (4.8)	.312 (7.9)
05	15	1.156 (29.4)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
06	15	1.156 (29.4)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
07	15	1.281 (32.5)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
08	17	1.281 (32.5)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
09	17	1.281 (32.5)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
10	17	1.281 (32.5)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
11	19	1.281 (32.5)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
12	19	1.406 (35.7)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
13	23	1.406 (35.7)	1.312 (33.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
14	23	1.406 (35.7)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
15	23	1.406 (35.7)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
16	25	1.406 (35.7)	1.406 (35.7)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
17	25	1.406 (35.7)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
18	25	1.531 (38.9)	1.593 (40.5)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
19	25	1.531 (38.9)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
20	29	1.531 (38.9)	1.593 (40.5)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
21	29	1.531 (38.9)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
22	33	1.781 (45.2)	1.625 (41.3)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
23	33	1.781 (45.2)	1.900 (48.3)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)
24	11	1.031 (26.2)	1.281 (32.5)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
25	11	1.156 (29.4)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
26	13	1.156 (29.4)	1.281 (32.5)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
27	13	1.281 (32.5)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
28	15	1.281 (32.5)	1.281 (32.5)	1.312 (33.3)	.375 (9.5)	.625 (15.9)

TABLE I: Shell Size

Shell Size	A Thread Class 2B	C Dia Max
11	.750 - 20 UNEF	1.030 (26.2)
13	.875 - 20 UNEF	1.140 (29.0)
15	1.000 - 20 UNEF	1.260 (32.0)
17	1.125 - 18 UNEF	1.390 (35.3)
19	1.250 - 18 UNEF	1.510 (38.4)
23	1.438 - 18 UNEF	1.700 (43.2)
25	1.563 - 18 UNEF	1.820 (46.2)
29	1.875 - 16 UN	2.140 (54.4)
33	2.063 - 16 UNS	2.330 (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.

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

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