



550-008 EMI/RFI D-Subminiature Split Backshell G-Spring Shield Termination with Strain-Relief

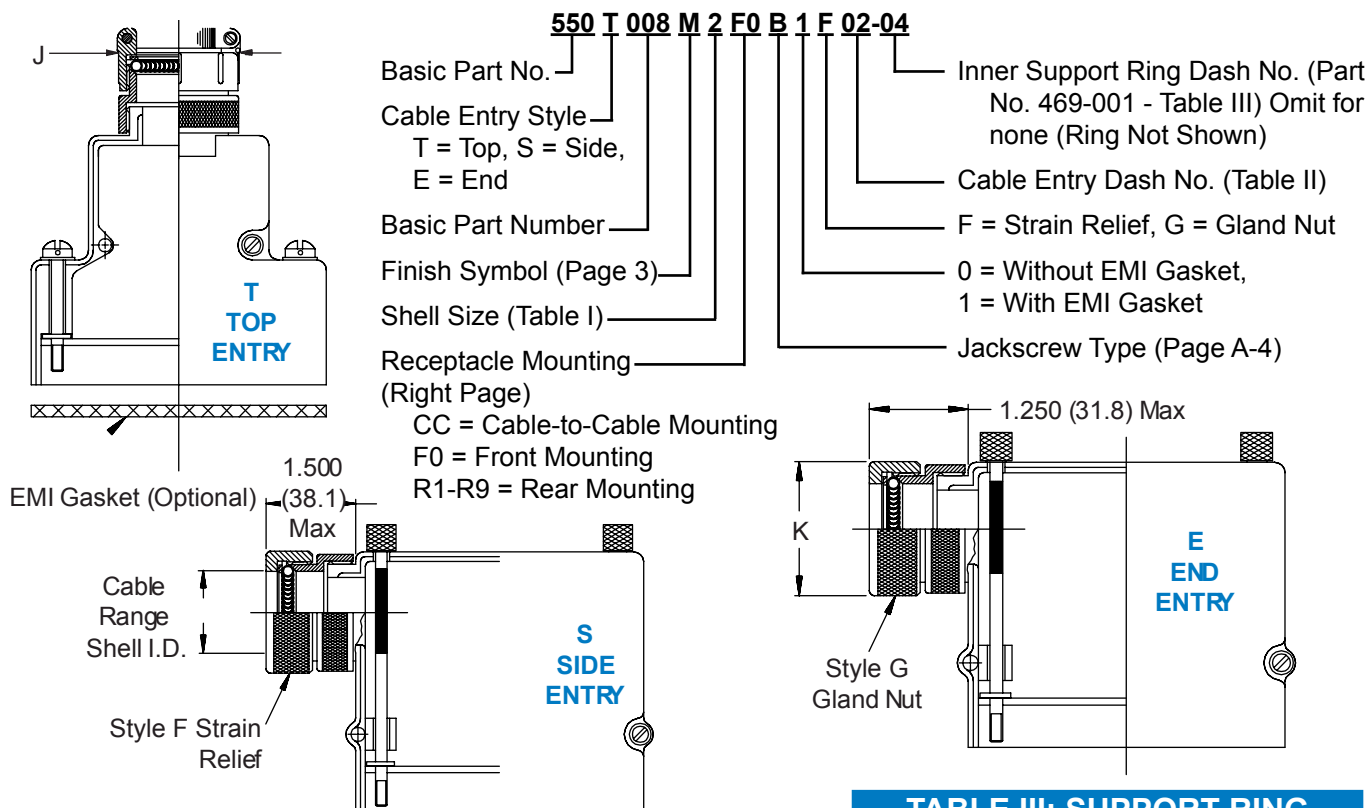


TABLE I: SHELL SIZE & ENTRY

Com'l Shell Size	Entry Style T (Ref)	Entry Style E
Size Ref	Shell I.D.	Shell I.D.
1 E/09	.250 (6.4)	.375 (9.5)
2 A/15	.375 (9.5)	.375 (9.5)
3 B/25	.475 (12.1)	.475 (12.1)
4 C/37	.475 (12.1)	.475 (12.1)
5 D/50	.575 (14.6)	.575 (14.6)
6* F/104	1.000 (25.4)	n/a

* Shell Size 6 Available in Top Entry Only.

1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**

TABLE II: BACKSHELL DIMENSIONS & CABLE

Dash No.	J Dim Max	K Max	Cable Range	
			Min	Max
02	.968 (24.6)	.781 (19.8)	.125 (3.2)	.250 (6.4)
03	1.046 (26.6)	.906 (23.0)	.250 (6.4)	.375 (9.5)
04	1.156 (29.4)	1.031 (26.2)	.312 (7.9)	.500 (12.7)
05	1.218 (30.9)	1.156 (29.4)	.437 (11.1)	.625 (15.9)
06	1.343 (34.1)	1.281 (32.5)	.562 (14.3)	.750 (19.1)
07*	1.468 (37.3)	1.406 (35.7)	.687 (17.4)	.875 (22.2)
08*	1.593 (40.5)	1.531 (38.9)	.812 (20.6)	1.000 (25.4)

* Available in Shell Size 6 Only

TABLE III: SUPPORT RING

Dash No.	I.D. ±.010 (.3)	O.D. ±.010 (.3)
01	.187 (4.7)	.227 (5.8)
02	.218 (5.5)	.258 (6.6)
03	.250 (6.4)	.290 (7.4)
04	.281 (7.1)	.321 (8.2)
05	.312 (7.9)	.352 (8.9)
06	.343 (8.7)	.383 (9.7)
07	.375 (9.5)	.415 (10.5)
08	.406 (10.3)	.446 (11.3)
09	.438 (11.1)	.478 (12.1)
10	.468 (11.9)	.508 (12.9)
11	.500 (12.7)	.540 (13.7)
12	.531 (13.5)	.571 (14.5)
13	.562 (14.3)	.602 (15.3)
14	.593 (15.1)	.633 (16.1)
15	.625 (15.9)	.665 (16.9)
16	.656 (16.7)	.696 (17.7)
17	.687 (17.4)	.727 (18.5)
18	.718 (18.2)	.758 (19.3)
19	.750 (19.1)	.790 (20.1)
20	.781 (19.8)	.821 (20.9)
21	.812 (20.6)	.852 (21.6)

Consult Factory For Larger Sizes

D-Subminiature Split Backshells Standard Dimensions



MIL-DTL-24308
D-Subminiature



COMMON CONNECTOR/SHELL INTERFACE & BACKSHELL DIMENSIONS

Shell Size	Com'l Shell Size Ref	A Max	B Max	C Ref.	D ±.005 (.1)	P	R Ref
1	E/09	1.393 (35.4)	.624 (15.8)	.312 (7.9)	.984 (25.0)	.730 (18.5)	.719 (18.3)
2	A/15	1.706 (43.3)	.624 (15.8)	.312 (7.9)	1.312 (33.3)	1.050 (26.7)	.719 (18.3)
3	B/25	2.265 (57.5)	.624 (15.8)	.312 (7.9)	1.852 (47.0)	1.594 (40.5)	.938 (23.8)
4	C/37	2.900 (73.7)	.624 (15.8)	.312 (7.9)	2.500 (63.5)	2.240 (56.9)	.938 (23.8)
5	D/50	2.800 (71.1)	.750 (19.1)	.375 (9.5)	2.406 (61.1)	2.140 (54.4)	.938 (23.8)
6	F/104	2.900 (73.7)	.844 (21.4)	.422 (10.7)	2.500 (63.5)	2.240 (56.9)	1.094 (27.8)

CABLE MOUNTING AND BACKSHELL DIMENSIONS

Dash No.	Panel Thickness	E	F ± .031 (0.79)			G ± .031 (0.79)	
			Sizes 1 & 2	Sizes 3 - 5	Size 6	Sizes 1 & 2	Sizes 3 - 5
CC	n/a	.174 (4.4)	1.451 (36.9)	1.671 (42.4)	1.820 (46.2)	1.583 (40.2)	1.831 (46.5)
F0	n/a	.343 (8.7)	1.625 (41.3)	1.844 (46.8)	2.000 (50.8)	1.750 (44.5)	2.000 (50.8)
R1	.031 (.8)	.247 (6.3)	1.525 (38.7)	1.745 (44.3)	1.890 (48.0)	1.656 (42.1)	1.904 (48.4)
R2	.047 (1.2)	.231 (5.9)	1.509 (38.3)	1.728 (43.9)	1.875 (47.6)	1.640 (41.7)	1.888 (48.0)
R3	.062 (1.6)	.216 (5.5)	1.500 (38.1)	1.720 (43.7)	1.860 (47.2)	1.625 (41.3)	1.873 (47.6)
R4	.093 (2.4)	.185 (4.7)	1.470 (37.3)	1.690 (42.9)	1.829 (46.5)	1.594 (40.5)	1.842 (46.8)
R5	.104 (2.6)	.174 (4.4)	1.451 (36.9)	1.671 (42.4)	1.820 (46.2)	1.583 (40.2)	1.831 (46.5)
R6	.125 (3.2)	.153 (3.9)	1.430 (36.3)	1.650 (41.9)	1.798 (45.7)	1.563 (39.7)	1.811 (46.0)
R7	.156 (4.0)	.125 (3.2)	1.400 (35.6)	1.620 (41.1)	1.767 (44.9)	1.531 (38.9)	1.781 (45.2)
R8	.135 (3.4)	.140 (3.6)	1.417 (36.0)	1.637 (41.6)	1.805 (45.8)	1.550 (39.4)	1.798 (45.7)
R9	.188 (4.8)	.094 (2.4)	1.368 (34.7)	1.590 (40.4)	1.740 (44.2)	1.500 (38.1)	1.750 (44.5)

Metric dimensions (mm) are indicated in parentheses.