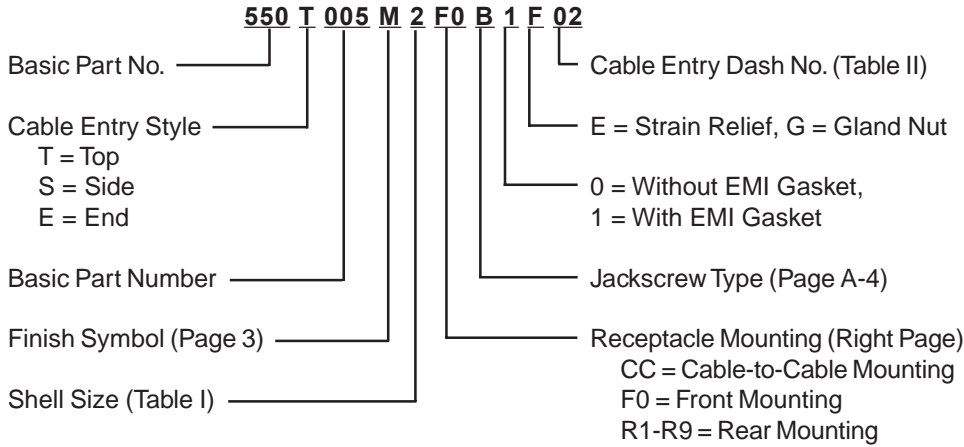




550-005 EMI/RFI D-Subminiature Split Backshell Lamp-Thread Type Shield Termination With Shrink Boot Groove



1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**
3. Overall shield thickness range:
Max to .031 (0.8)

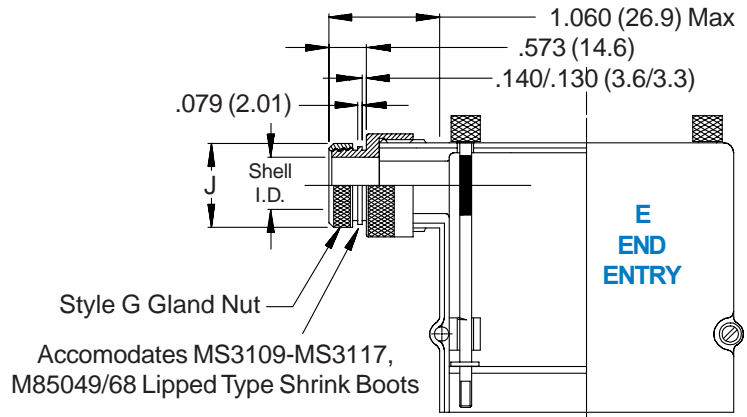
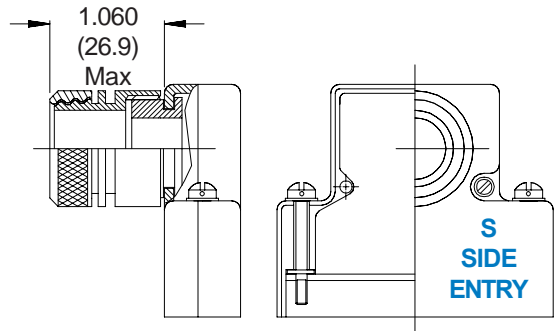
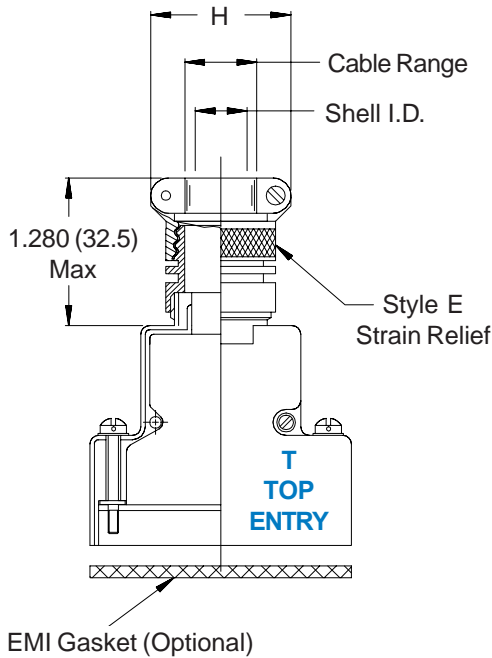


TABLE I: SHELL SIZE & ENTRY STYLE

Shell Size	Com'l Shell Size Ref	Entry Style T (Ref) Shell I.D.	Entry Style E 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.

TABLE II: BACKSHELL DIMENSIONS & CABLE ENTRY

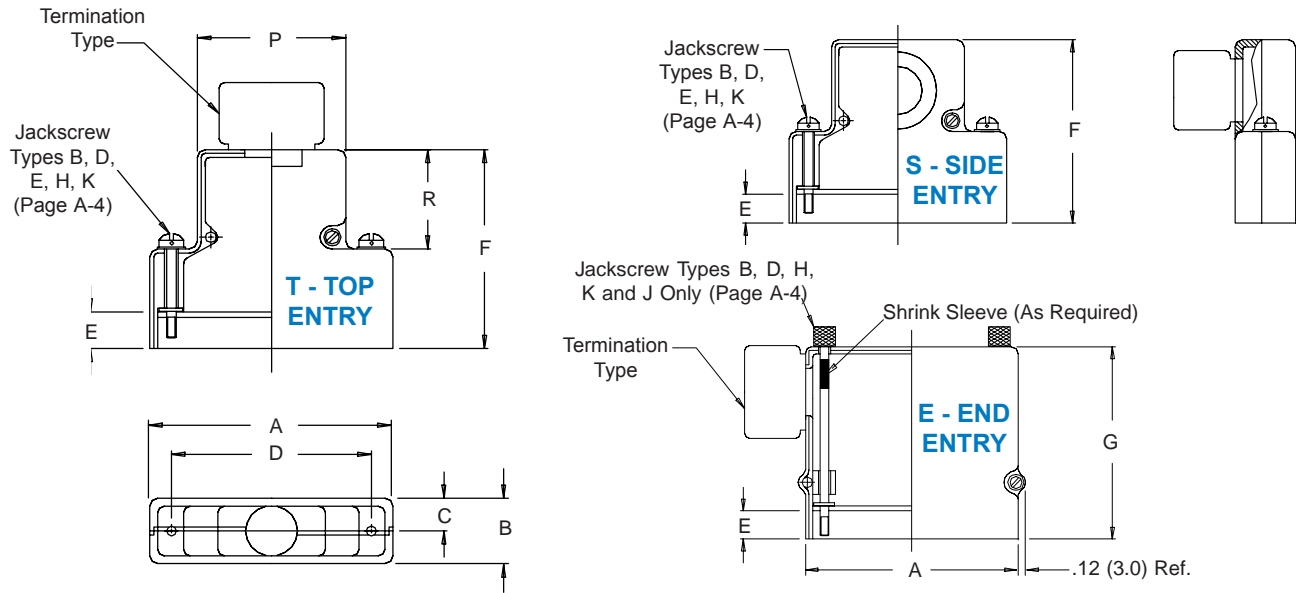
Dash No.	H		J Max	Cable Range	
	Max			Min	Max
02	.968 (24.6)		.515 (13.1)	.125 (3.2)	.250 (6.4)
03	1.046 (26.6)		.640 (16.3)	.250 (6.4)	.375 (9.5)
04	1.156 (29.4)		.765 (19.4)	.312 (7.9)	.500 (12.7)
05	1.218 (30.9)		.920 (23.4)	.437 (11.1)	.625 (15.9)
06	1.343 (34.1)		1.015 (25.8)	.562 (14.3)	.750 (19.1)
07*	1.468 (37.3)		1.140 (29.0)	.687 (17.4)	.875 (22.2)
08*	1.593 (40.5)		1.265 (32.1)	.812 (20.6)	1.000 (25.4)

* Available in Shell Size 6 Only

D-Subminiature Split Backshells Standard Dimensions



MIL-C-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			G	
			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)

1. Metric dimensions (mm) are indicated in parentheses.