



550-005

EMI/RFI D-Subminiature Split Backshell

Lamp-Thread Type Shield Termination

With Shrink Boot Groove

550 T 005 M 2 F0 B 1 F 02

Basic Part No. _____ Cable Entry Dash No. (Table II)

Cable Entry Style _____ E = Strain Relief, G = Gland Nut
 T = Top
 S = Side
 E = End

Basic Part Number _____

Finish Symbol (Page 3) _____

Shell Size (Table I) _____

0 = Without EMI Gasket,
 1 = With EMI Gasket

Jackscrew Type (Page A-4)

Receptacle Mounting (Right Page)
 CC = Cable-to-Cable Mounting
 F0 = Front Mounting
 R1-R9 = Rear Mounting

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)

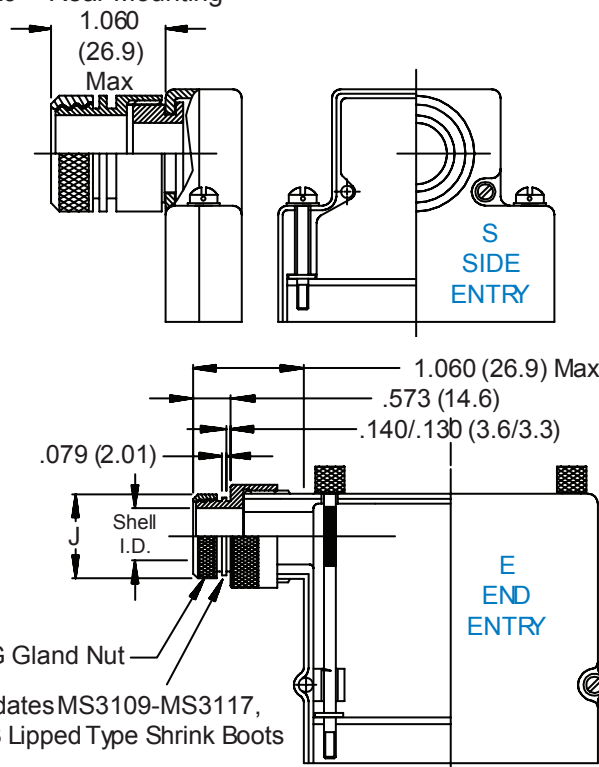
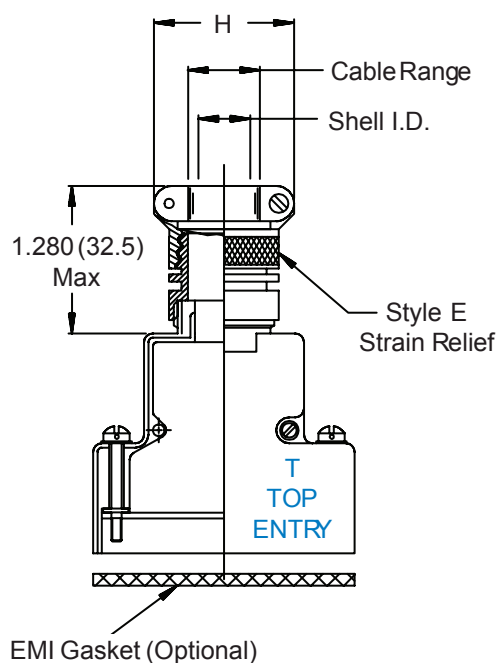


TABLE I: SHELL SIZE & ENTRY

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

Dash No.	H Max	J Max	Cable Range	
			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-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.