



550-002 Environment Resisting EMI/RFI D-Subminiature Strain-Relief Split Backshell for Overall Shielding

550 T 002 M 2 F0 B 1 L

Basic Part No. ————

Cable Entry Style ————
T = Top
S = Side
E = End

Basic Part Number ————

Finish Symbol (Page 3) ————

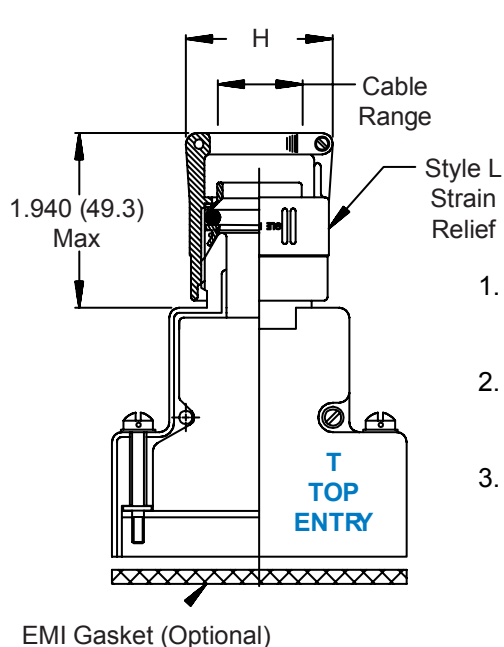
Shell Size (Table I) ————

L = Strain Relief, G = Gland Nut

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: 0 to .062 (1.6)

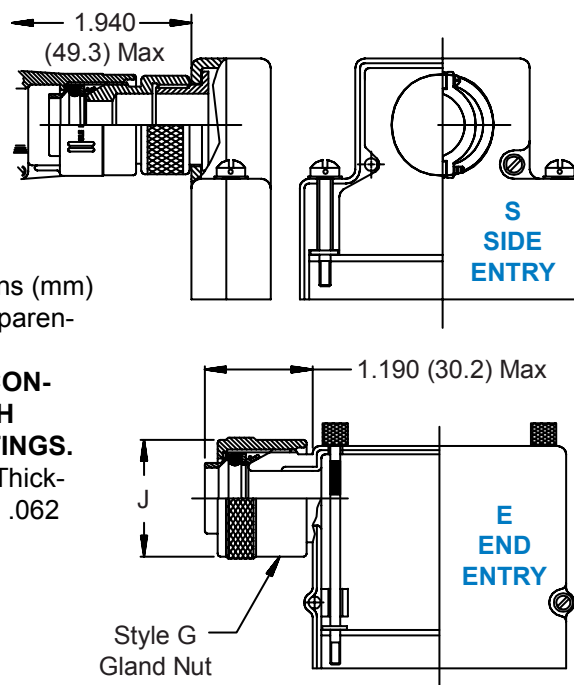


TABLE I: CABLE ENTRY & ENTRY STYLE

Shell Size	Com'l Shell Size Ref	H Max	J Max	Entry Styles S & T Cable Range		Entry Style E Cable Range	
				Min	Max	Min	Max
1	E/09	1.046 (26.6)	.843 (21.4)	.125 (3.2)	.250 (6.4)	.250 (6.4)	.375 (9.5)
2	A/15	1.046 (26.6)	.843 (21.4)	.250 (6.4)	.375 (9.5)	.250 (6.4)	.375 (9.5)
3	B/25	1.156 (29.4)	.968 (24.6)	.312 (7.9)	.475 (12.1)	.312 (7.9)	.475 (12.1)
4	C/37	1.156 (29.4)	.968 (24.6)	.312 (7.9)	.475 (12.1)	.312 (7.9)	.475 (12.1)
5	D/50	1.218 (30.9)	1.109 (28.2)	.437 (11.1)	.575 (14.6)	.437 (11.1)	.575 (14.6)
6*	F/104	1.594 (40.5)	1.468 (37.3)	.812 (20.6)	1.000 (25.4)	n/a	n/a

* Shell Size 6 Available in Top Entry 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.

Mouser Electronics

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