



550-009
EMI/RFI D-Subminiature
Rear Panel Mounted Split Backshell
Strain Relief - for Overall Shielding

550 T 009 M 2 R5 L 1

Basic Part No. _____

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

Basic Part Number _____

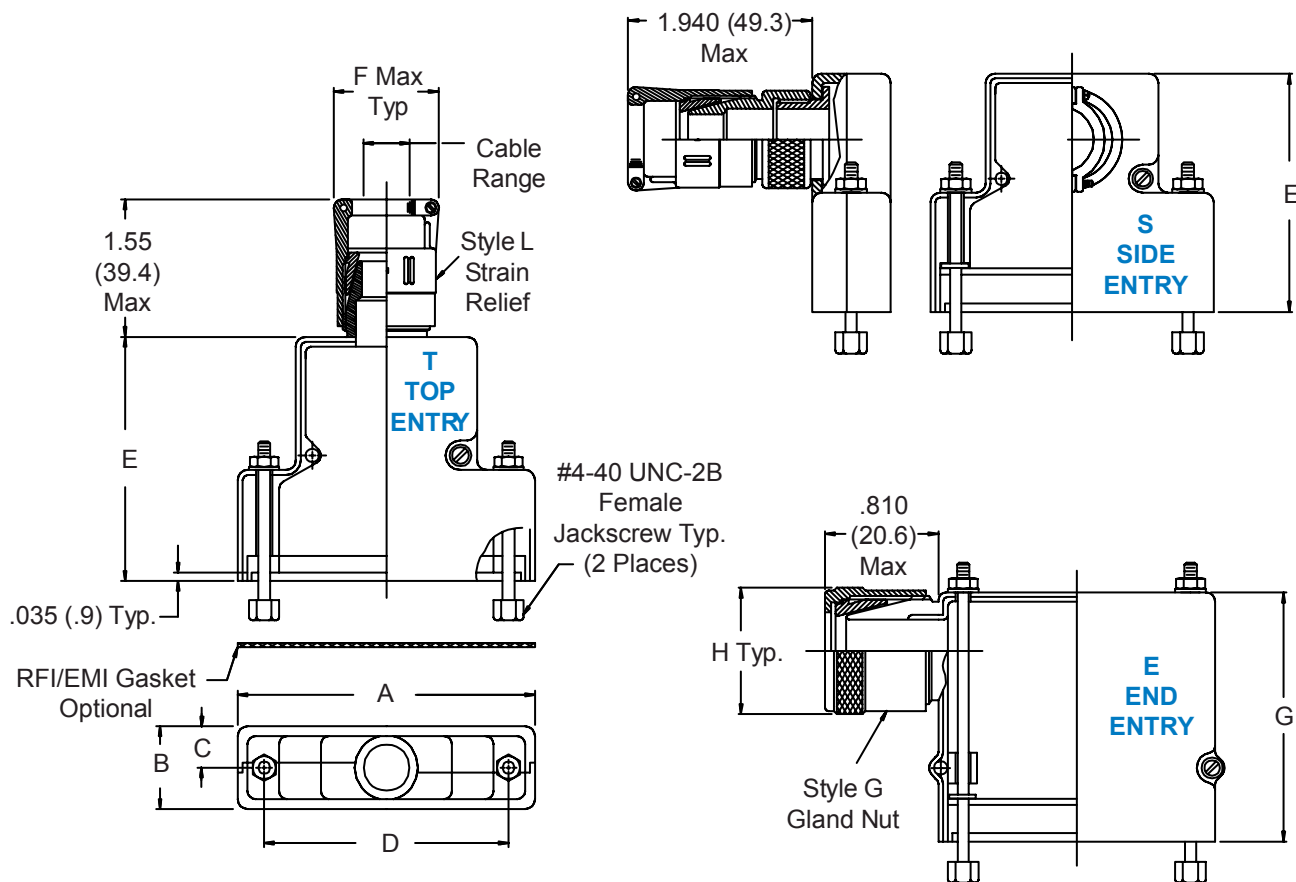
Finish Symbol (Page 3) _____

0 = Without EMI Gasket
1 = With EMI Gasket

L = Strain Relief, G = Gland Nut

Rear Mounting Connector Panel Thickness (Table III)

Shell Size (Tables I and II)



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MIL-DTL-24308
D-Subminiature

TABLE I: CONNECTOR/SHELL INTERFACE & BACKSHELL DIMENSIONS

Shell Size	Com'l Shell Size Ref	A Max	B Max	C Ref.	D ±.005 (.1)
1	E/09	1.393 (35.4)	.624 (15.8)	.312 (7.9)	.984 (25.0)
2	A/15	1.706 (43.3)	.624 (15.8)	.312 (7.9)	1.312 (33.3)
3	B/25	2.265 (57.5)	.624 (15.8)	.312 (7.9)	1.852 (47.0)
4	C/37	2.900 (73.7)	.624 (15.8)	.312 (7.9)	2.500 (63.5)
5	D/50	2.800 (71.1)	.750 (19.1)	.375 (9.5)	2.406 (61.1)
6*	F/104	2.900 (73.7)	.844 (21.4)	.422 (10.7)	2.500 (63.5)

* Shell Size 6 Available in Top Entry Only.

TABLE II: BACKSHELL DIMENSIONS & CABLE ENTRY

Shell Size	Com'l Shell Size Ref	E	F ± .031 (0.79) Max	G ± .031 (0.79)	H	Cable Range	
						Min	Max
1	E/09	1.32 (33.5)	1.046 (26.6)	1.46 (37.1)	.843 (21.4)	.125 (3.2)	.250 (6.4)
2	A/15	1.32 (33.5)	1.046 (26.6)	1.46 (37.1)	.843 (21.4)	.250 (6.4)	.375 (9.5)
3	B/25	1.54 (39.1)	1.156 (29.4)	1.71 (43.4)	.969 (24.6)	.312 (7.9)	.475 (12.1)
4	C/37	1.54 (39.1)	1.156 (29.4)	1.71 (43.4)	.969 (24.6)	.312 (7.9)	.475 (12.1)
5	D/50	1.54 (39.1)	1.218 (30.9)	1.71 (43.4)	1.109 (28.2)	.437 (11.1)	.575 (14.6)
6	F/104	1.87 (47.5)	1.594 (40.5)	n/a	1.468 (37.3)	.812 (20.6)	1.000 (25.4)

**TABLE III:
MOUNTING
PANEL THICKNESS**

Dash No.	Panel Thickness
R1	.031 (.8)
R2	.047 (1.2)
R3	.062 (1.6)
R4	.093 (2.4)
R5	.104 (2.6)
R6	.125 (3.2)
R7	.156 (4.0)
R8	.135 (3.4)
R9	.188 (4.8)

1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**
3. Overall shield. Thickness range: Max to .062 (1.6).
4. This backshell is designed for rear mounted connectors.
Consult factory for additional panel thickness.
5. See page A-5 for mounting diagram.