



# 550-039 D-Subminiature Banding Split Backshell

**550 T 039 M 2 F0 B 1-02 B**

Basic Part No. ———— 550  
 Cable Entry Style ———— T  
     T = Top  
     S = Side  
     E = End  
 Basic Part Number ———— 039  
 Finish Symbol (Page 3) ———— M  
 Shell Size (Table I) ———— 2

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

————— B ———— B = Band Supplied (600-052), Omit for None  
 ———— 1 ———— Dash No. (Table II)  
     0 = Without EMI Gasket, 1 = With EMI Gasket  
 ———— 02 ———— Jackscrew Type (Page A-4)

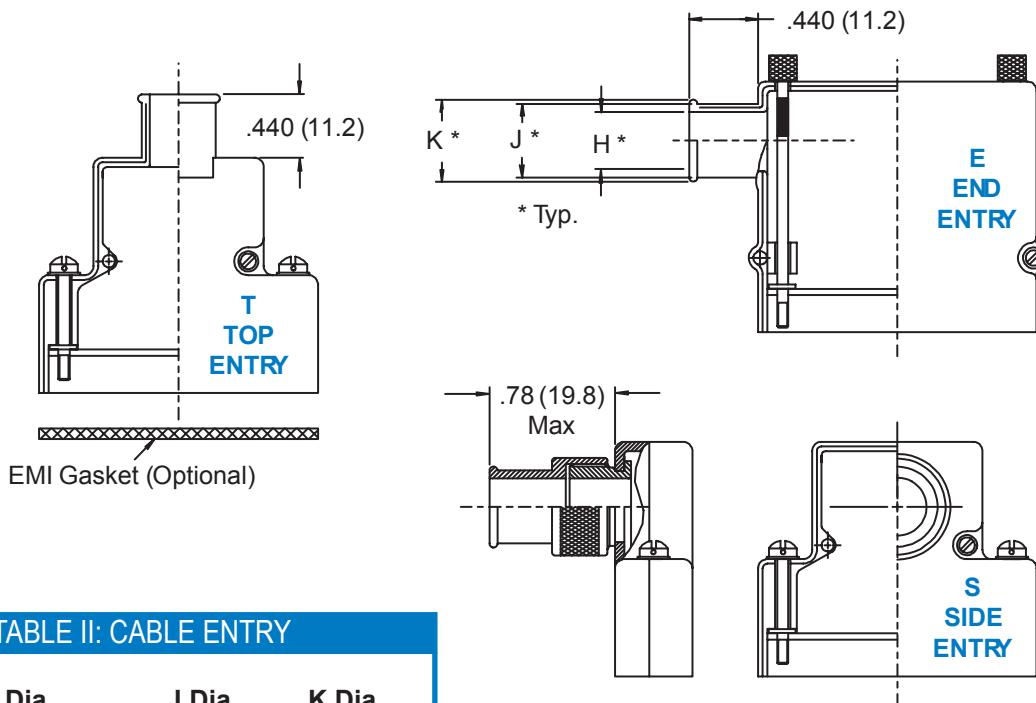


TABLE II: CABLE ENTRY

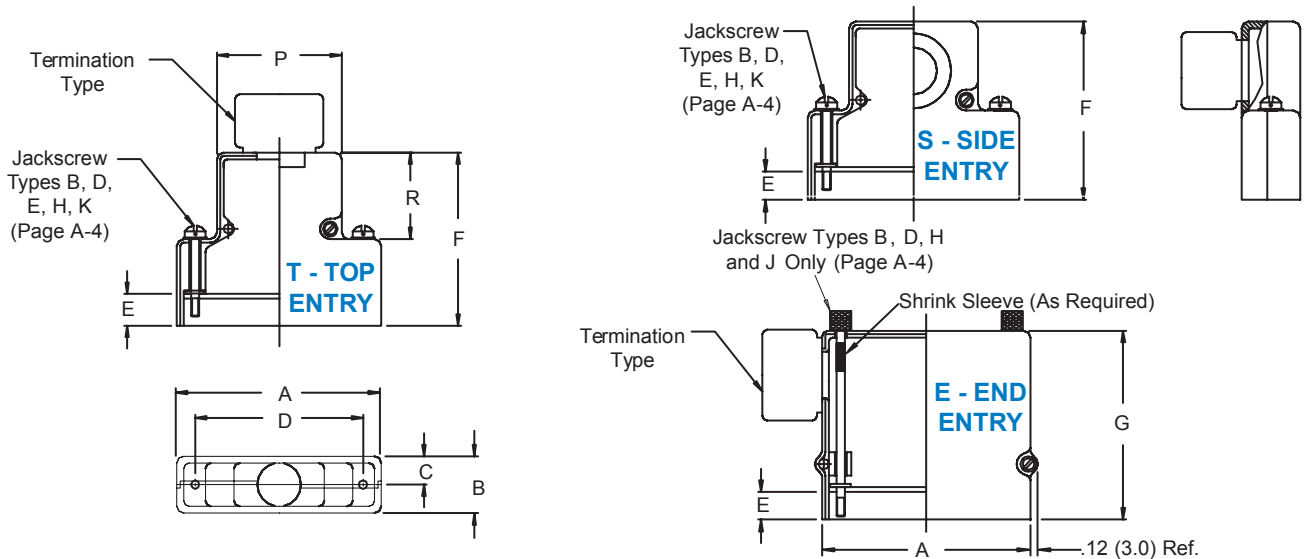
Dash No.	H Dia	J Dia	K Dia
01	.125 (3.2)	.250 (6.4)	.312 (7.9)
02	.250 (6.4)	.375 (9.5)	.438 (11.1)
03	.312 (7.9)	.438 (11.1)	.500 (12.7)
04	.395 (10.0)	.500 (12.7)	.562 (14.3)
05	.438 (11.1)	.562 (14.3)	.625 (15.9)
06	.500 (12.7)	.625 (15.9)	.688 (17.5)
07	.562 (14.3)	.688 (17.5)	.750 (19.1)
08	.624 (15.8)	.750 (19.1)	.812 (20.6)
09	.688 (17.5)	.812 (20.6)	.875 (22.2)
10	.750 (19.1)	.875 (22.2)	.937 (23.8)
11	.812 (20.6)	.937 (23.8)	1.000 (25.4)
12	.875 (22.2)	1.000 (25.4)	1.125 (28.6)
13	.937 (23.8)	1.062 (27.0)	1.187 (30.1)
14	1.000 (25.4)	1.125 (28.6)	1.250 (31.8)

TABLE I: SHELL SIZE

Shell Size	Com'l Shell Size Ref	Max Entry Dash No.
1	E/09	05
2	A/15	05
3	B/25	05
4	C/37	07
5	D/50	08
6	F/104	14

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

# D-Subminiature Split Backshells Standard Dimensions



## COMMON CONNECTOR/SHELL INTERFACE & BACKSHELL DIMENSIONS

Shell Size	Com'l Shell Ref	A		B		C Ref.		D		P	R Ref		
		Max	(mm)	Max	(mm)		(mm)	$\pm .005$	(mm)				
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 $\pm .031$ (0.79)			G $\pm .031$ (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.