

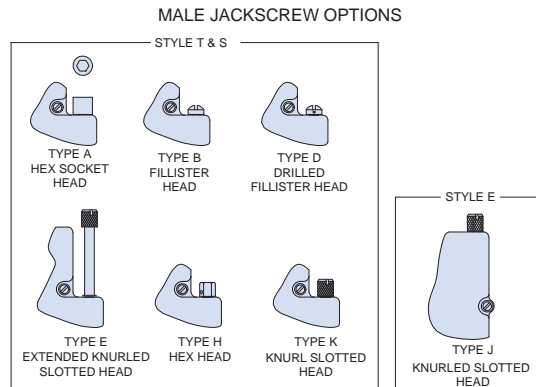
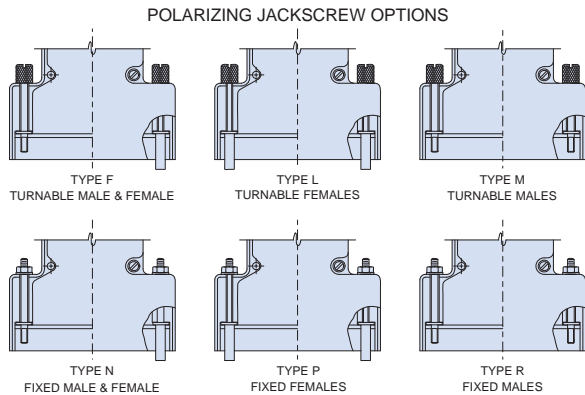
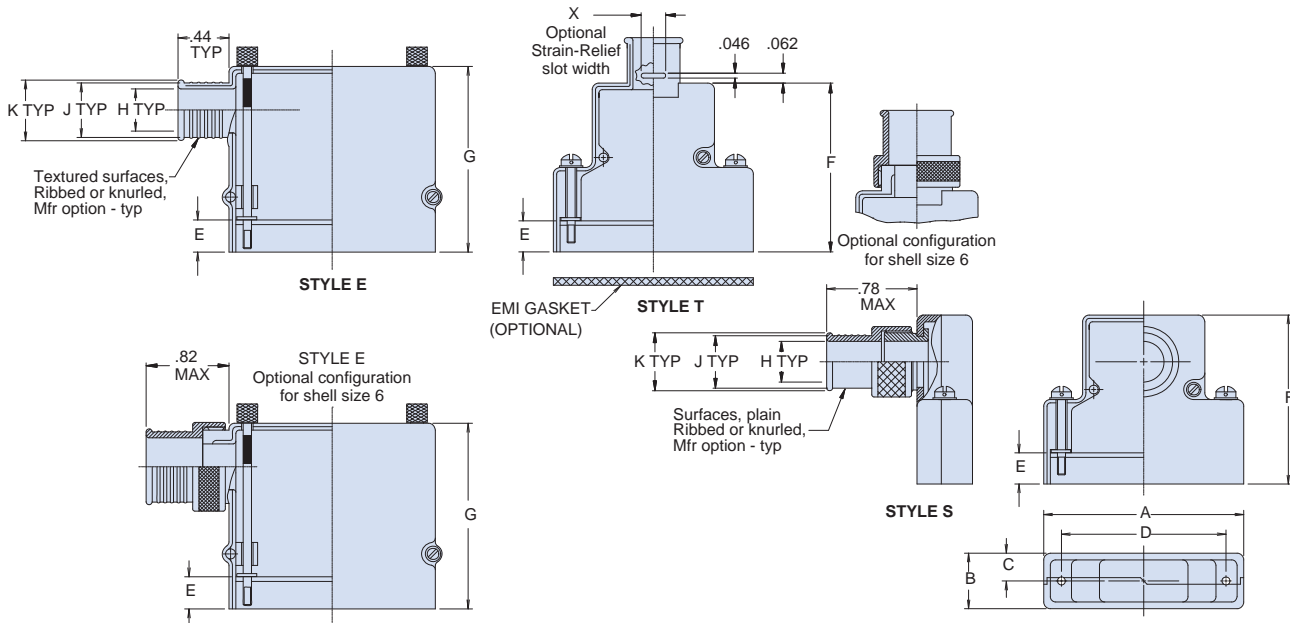
SPACE-GRADE MIL-DTL-24308 D-SUB BACKSHELLS

Composite EMI/RFI Split Backshell with Banding Porch for Panel and Cable Mount Connectors

Split shell top, side, and end cable entry · 557-186



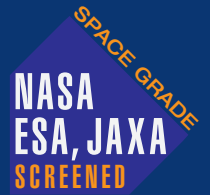
How To Order	
Sample Part Number	557T186 XM 2 F0 B 1 -02 S B
Series	557T186 = Top entry 557S186 = Side entry 557E186 = End entry
Finish Symbol	XM = Electroless Nickel Z2 = Gold Plate
Shell Size	1, 2, 3, 4, 5, 6 (Table I)
Receptacle Mounting	F0 = Front mount (Table II) R1-R7 = Rear mount (Table III) CC = Cable-to-cable (Table IV)
Jackscrew Type	A, B, D, E, H, K, J, F, L, M, N, P, R (see diagrams)
EMI Gasket	1 = With EMI gasket 0 = Without EMI gasket
Cable Entry	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11 (Table I)
Slot Option	S = Supplied with strain-relief slot Omit for no slot
Band Option	B = Band supplied (600-052) K = Coiled Band supplied (600-052-1) Omit for none



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MATERIALS

Adapter, backshell: high-grade engineering thermoplastic
 Hardware: CRES / passivated
 Gasket: Metex Washer: Nylon

TABLE I: Dash Number and Entry and Slot Dimensions				
Dash No.	H Dia	J Dia	K Dia	X
01	.125 (3.18)	.250 (6.35)	.312 (7.92)	N/A
02	.250 (6.35)	.375 (9.53)	.438 (11.13)	.062 (1.57)
03	.312 (7.92)	.438 (11.13)	.500 (12.70)	.094 (2.39)
04	.375 (9.53)	.500 (12.70)	.562 (14.27)	.156 (3.96)
05	.438 (11.13)	.562 (14.27)	.625 (15.88)	.188 (4.78)
06	.500 (12.70)	.625 (15.88)	.688 (17.48)	.219 (5.56)
07	.562 (14.27)	.688 (17.48)	.750 (19.05)	.250 (6.35)
08	.625 (15.88)	.750 (19.05)	.812 (20.62)	.250 (6.35)
09	.750 (19.05)	.875 (22.23)	.937 (23.80)	.312 (7.92)
10	.875 (22.23)	1.000 (25.40)	1.062 (26.79)	.375 (9.53)
11	1.000 (25.40)	1.125 (28.58)	1.188 (30.18)	.375 (9.53)

TABLE II: FRONT MOUNTING – Shell Size and Dimensions								
Shell Size	A	B Max	C	D ±.005 (0.13)	E	F	G	Max Entry**
1	1.378 (35.00)	.624 (15.85)	.312 (7.92)	.984 (24.99)	.340 (8.64)	1.625 (41.28)	1.750 (44.45)	04/05
2	1.691 (42.95)	.624 (15.85)	.312 (7.92)	1.312 (33.32)	.340 (8.64)	1.625 (41.28)	1.750 (44.45)	05
3	2.250 (57.15)	.624 (15.85)	.312 (7.92)	1.852 (46.36)	.343 (8.71)	1.844 (46.84)	2.000 (50.80)	05
4	2.879 (73.13)	.624 (15.85)	.312 (7.92)	2.500 (63.50)	.343 (8.71)	1.844 (46.84)	2.000 (50.80)	05
5	2.785 (70.74)	.750 (19.05)	.375 (9.53)	2.406 (61.11)	.343 (8.71)	1.844 (46.84)	2.000 (50.80)	07
6*	2.885 (73.28)	.844 (21.44)	.422 (10.72)	2.500 (63.50)	.343 (8.71)	2.000 (50.80)	2.000 (50.80)	11

* Shell Size 6 available in Top and End Entry only. ** Max Entry applicable to Style T and E, Shell Size 01 Entry S Max -04 • Styles E & T Max. -05.

Note: accurate panel thickness specification for panel-mounted connectors ensures backshell shroud will completely envelop connector for EMC compatibility. Glenair recommends optional EMI/RFI gaskets for all panel-mount EMC applications.

TABLE III: REAR MOUNTING – Shell Size, Panel Thickness and Dimensions								
Dash No.	Panel Thickness	E	F			G		Max Entry**
			Size 1 & 2	Size 3 – 5	Size 6	Size 1 & 2	Size 3 – 6	
R1	.031 (0.79)	.247 (6.27)	1.525 (38.74)	1.745 (44.32)	1.904 (48.36)	1.656 (42.06)	1.904 (48.36)	
R2	.047 (1.19)	.231 (5.87)	1.509 (38.33)	1.728 (43.89)	1.888 (47.96)	1.640 (41.66)	1.888 (47.96)	
R3	.062 (1.57)	.216 (5.49)	1.500 (38.10)	1.720 (43.69)	1.873 (47.57)	1.625 (41.28)	1.873 (47.57)	
R4	.093 (2.36)	.185 (4.70)	1.470 (37.34)	1.690 (42.93)	1.842 (46.79)	1.594 (40.49)	1.842 (46.79)	
R5	.104 (2.64)	.174 (4.42)	1.451 (36.86)	1.671 (42.44)	1.831 (46.51)	1.585 (40.26)	1.833 (46.56)	
R6	.125 (3.18)	.153 (3.89)	1.430 (36.32)	1.650 (41.91)	1.811 (46.00)	1.563 (39.70)	1.811 (46.00)	
R7	.156 (3.96)	.125 (3.18)	1.400 (35.56)	1.620 (41.15)	1.781 (45.24)	1.532 (38.91)	1.780 (45.21)	

TABLE IV: CABLE TO CABLE – Shell Size and Dimensions								
Shell Size	A	B Max	C	D +.005 (0.13) -.000	E +.030 (0.76) -.000	F +.030 (0.76) -.000	G +.030 (0.76) -.000	Max Entry**
1	1.378 (35.00)	.624 (15.85)	.322 (8.18)	.984 (24.99)	.170 (4.32)	1.455 (36.96)	1.577 (40.06)	05
2	1.691 (42.95)	.624 (15.85)	.322 (8.18)	1.312 (33.32)	.170 (4.32)	1.455 (36.96)	1.577 (40.06)	05
3	2.250 (57.15)	.624 (15.85)	.322 (8.18)	1.852 (46.36)	.172 (4.37)	1.673 (42.49)	1.829 (46.46)	05
4	2.879 (73.13)	.624 (15.85)	.322 (8.18)	2.500 (63.50)	.172 (4.37)	1.673 (42.49)	1.829 (46.46)	05
5	2.785 (70.74)	.735 (18.67)	.375 (9.53)	2.406 (61.11)	.172 (4.37)	1.673 (42.49)	1.829 (46.46)	07
6*	2.885 (73.28)	.844 (21.44)	.422 (10.72)	2.500 (63.50)	.172 (4.37)	1.829 (46.46)	1.829 (46.46)	11

* Shell Size 6 available in Top and End Entry only. ** Max Entry applicable to Style T and E, Shell Size 01 Entry S Max -04 • Styles E & T Max. -05.

D-SUBMINIATURE