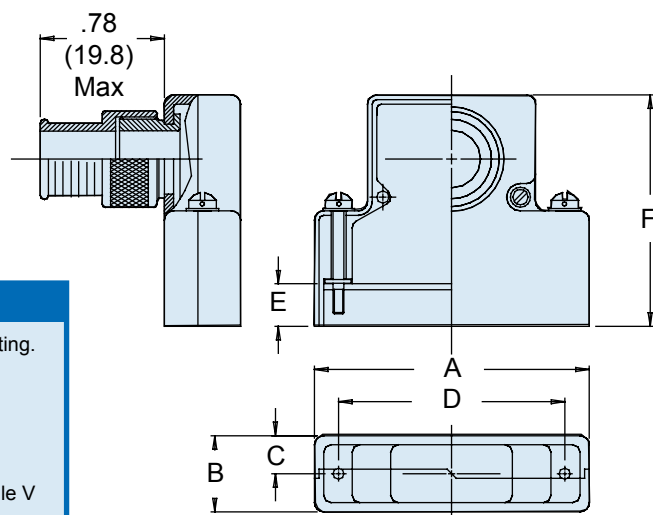
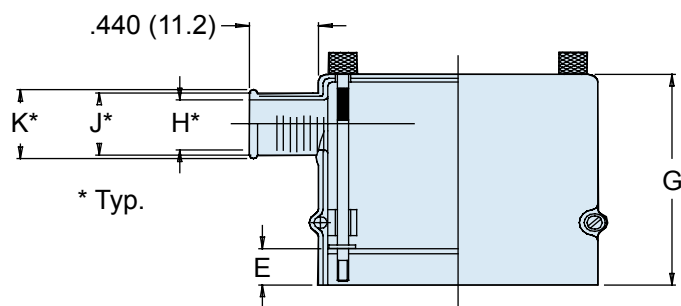
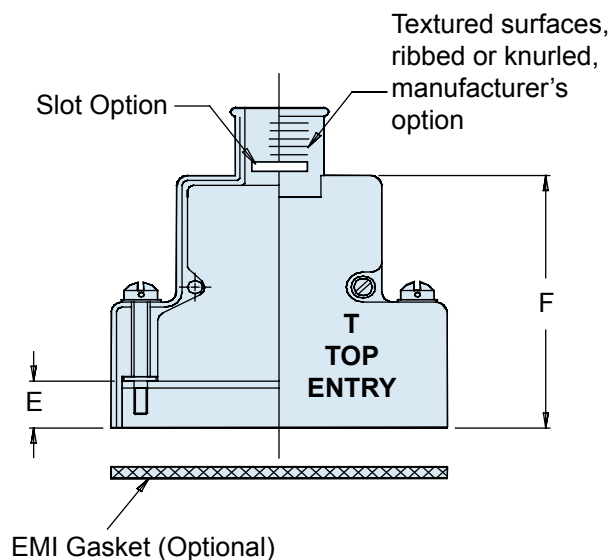
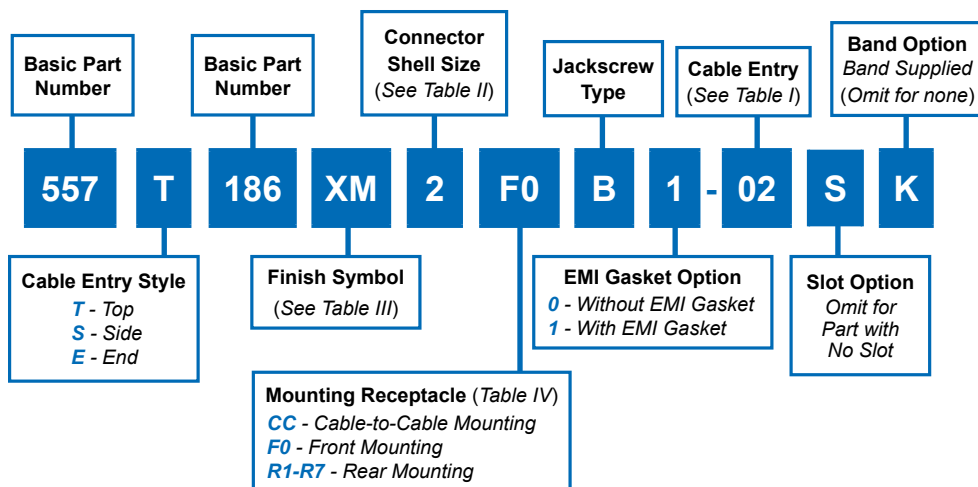


557-186

Composite RFI/EMI Banding Backshell for MIL-DTL-24308 D-Subminiature Connectors

A



APPLICATION NOTES

1. Assembly identified with manufacturer's name and P/N, space permitting.
2. Maximum entry applicable to Style T and E, Shell Size 01.
Entry S Max -04, Styles E & T Max -05.
3. Optional slot provided for strain relief, see Table I.
4. Material/Finish:
Adapter, Backshell - High grade engineering thermoplastic, see Table V
Hardware - Cres Passivate
Gasket - Metex/N.A.
Washer - Nylon/N.A.
5. Metric dimensions (mm) in parentheses.

557-186
Composite RFI/EMI Banding Backshell
for MIL-DTL-24308 D-Subminiature Connectors



Composite
Backshells

TABLE V: FINISH	
Symbol	Finish Description
XM	2000 Hour Corrosion Resistant Electroless Nickel
XW	2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel
XB	No Plating—Black Base Material Non-Conductive

TABLE I: CABLE ENTRY									
Dash No.	H Dia		J Dia		K Dia		X		
01	.125	(3.2)	.250	(6.4)	.312	(7.9)	N/A		
02	.250	(6.4)	.375	(9.5)	.438	(11.1)	.062	(1.6)	
03	.312	(7.9)	.438	(11.1)	.500	(12.7)	.094	(2.4)	
04	.375	(9.5)	.500	(12.7)	.562	(14.3)	.156	(4.0)	
05	.438	(11.1)	.562	(14.3)	.625	(15.9)	.188	(4.8)	
06	.500	(12.7)	.625	(15.9)	.688	(17.5)	.219	(5.6)	
07	.562	(14.3)	.688	(17.5)	.750	(19.1)	.250	(6.4)	
08	.625	(15.9)	.750	(19.1)	.812	(20.6)	.250	(6.4)	
09	.750	(19.1)	.875	(22.2)	.937	(23.8)	.312	(7.9)	
10	.875	(22.2)	1.000	(25.4)	1.062	(27.0)	.375	(9.5)	
11	1.000	(25.4)	1.125	(28.6)	1.188	(30.2)	.375	(9.5)	

TABLE II: FRONT MOUNTING DIMENSIONS								
Shell Size	A	B Max	C	D ±.005 (.1)	E	F	G	Max Entry (See Note 2)
1	1.378 (35.0)	.624 (15.8)	.312 (7.9)	.984 (25.0)	.340 (8.6)	1.625 (41.3)	1.750 (44.5)	04/05
2	1.691 (43.0)	.624 (15.8)	.312 (7.9)	1.312 (33.3)	.340 (8.6)	1.625 (41.3)	1.750 (44.5)	05
3	2.250 (57.2)	.624 (15.8)	.312 (7.9)	1.852 (47.0)	.343 (8.7)	1.844 (46.8)	2.000 (50.8)	05
4	2.879 (73.1)	.624 (15.8)	.312 (7.9)	2.500 (63.5)	.343 (8.7)	1.844 (46.8)	2.000 (50.8)	05
5	2.785 (70.7)	.735 (18.7)	.375 (9.5)	2.406 (61.1)	.343 (8.7)	1.844 (46.8)	2.000 (50.8)	07

TABLE III: REAR MOUNTING DIMENSIONS							
Dash No.	Panel Thickness	E	F		G		
			Sizes 1 & 2	Sizes 3 - 5	Sizes 1 & 2	Sizes 3 - 5	
R1	.031 (.8)	.247 (6.3)	1.525 (38.7)	1.745 (44.3)	1.656 (42.1)	1.904 (48.4)	
R2	.047 (1.2)	.231 (5.9)	1.509 (38.3)	1.728 (43.9)	1.640 (41.7)	1.888 (48.0)	
R3	.062 (1.6)	.216 (5.5)	1.500 (38.1)	1.720 (43.7)	1.625 (41.3)	1.873 (47.6)	
R4	.093 (2.4)	.185 (4.7)	1.470 (37.3)	1.690 (42.9)	1.594 (40.5)	1.842 (46.8)	
R5	.104 (2.6)	.174 (4.4)	1.451 (36.9)	1.671 (42.4)	1.583 (40.2)	1.831 (46.5)	
R6	.125 (3.2)	.153 (3.9)	1.430 (36.3)	1.650 (41.9)	1.563 (39.7)	1.811 (46.0)	
R7	.156 (4.0)	.125 (3.2)	1.400 (35.6)	1.620 (41.1)	1.532 (38.9)	1.780 (45.2)	

TABLE IV: CABLE-TO-CABLE MOUNTING DIMENSIONS							
Shell Size	A	B Max	C	D ± .005 (0.1)	F	E +.030 (0.8) - .000	Max Entry (See Note 2)
1	1.363 (34.6)	.624 (15.8)	.322 (8.2)	.984 (25.0)	1.455 (37.0)	.170 (4.3)	05
2	1.691 (43.0)	.624 (15.8)	.322 (8.2)	1.312 (33.3)	1.455 (37.0)	.170 (4.3)	05
3	2.250 (57.2)	.624 (15.8)	.322 (8.2)	1.852 (47.0)	1.673 (42.5)	.172 (4.4)	05
4	2.879 (73.1)	.624 (15.8)	.322 (8.2)	2.500 (63.5)	1.673 (42.5)	.172 (4.4)	05
5	2.785 (70.7)	.735 (18.7)	.375 (9.5)	2.406 (61.1)	1.673 (42.5)	.172 (4.4)	07