

380-001
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type A - Rotatable Coupling - Low Profile

**CONNECTOR
 DESIGNATOR**
A-F-H-L-S
**ROTATABLE
 COUPLING**
**TYPE A OVERALL
 SHIELD TERMINATION**



**STYLE 2
 (STRAIGHT
 See Note 1)**



**STYLE 2
 (45° & 90°
 See Note 1)**



380-001
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type A - Rotatable Coupling - Low Profile



TABLE III: ELBOW DIMENSIONS											
Shell Size				E		F		G		H	
Conn. Desig.	A-F-L-S H										
08	09	.457	(11.6)	1.602	(40.7)	.500	(12.7)	1.612	(40.9)		
10	11	.520	(13.2)	1.662	(42.2)	.595	(15.1)	1.732	(44.0)		
12	13	.582	(14.8)	1.722	(43.7)	.610	(15.5)	1.752	(44.5)		
14	15	.645	(16.4)	2.062	(52.4)	.700	(17.8)	2.072	(52.6)		
16	17	.738	(18.7)	2.172	(55.2)	.885	(22.5)	2.162	(54.9)		
18	19	.926	(23.5)	2.362	(60.0)	.975	(24.8)	2.332	(59.2)		
20	21	.926	(23.5)	2.362	(60.0)	.975	(24.8)	2.332	(59.2)		
22	23	1.020	(25.9)	2.512	(63.8)	1.125	(28.6)	2.442	(62.0)		
24	25	1.020	(25.9)	2.512	(63.8)	1.125	(28.6)	2.442	(62.0)		
28		1.145	(29.1)	2.562	(65.1)	1.225	(31.1)	2.612	(66.3)		
32		1.207	(30.7)	2.662	(67.6)	1.575	(40.0)	2.862	(72.7)		
36		1.238	(31.4)	2.752	(69.9)	1.775	(45.1)	2.862	(72.7)		

See inside back cover
fold-out or pages 13 and
14 for unabridged
Tables I and II.

TABLE II: STANDARD FINISHES	
GLENAIR SYMBOL	FINISH
B	Cadmium Plate, Olive Drab
M	Electroless Nickel
NF	Cadmium Plate, Olive Drab Over Electroless Nickel
See Inside Back Cover for Additional Finish Options	

TABLE X: CABLE ENTRY							
Dash No.	T Max	V Max	Cable Range				
			Min	Max	Min	Max	
04	.780 (19.8)	.957 (24.3)	.125 (3.2)	.312 (7.9)	.250 (6.4)	.437 (11.1)	
06	.780 (19.8)	1.145 (29.1)	.250 (6.4)	.437 (11.1)	.312 (7.9)	.562 (14.3)	
08	.780 (19.8)	1.332 (33.8)	.312 (7.9)	.562 (14.3)	.350 (8.9)	.625 (15.9)	
10	.780 (19.8)	1.332 (33.8)	.350 (8.9)	.625 (15.9)	.500 (12.7)	.750 (19.1)	
12	.811 (20.6)	1.551 (39.4)	.500 (12.7)	.750 (19.1)	.625 (15.9)	.937 (23.8)	
16	.905 (23.0)	1.770 (45.0)	.625 (15.9)	.937 (23.8)	.875 (22.2)	1.250 (31.8)	
20	1.092 (27.7)	2.113 (53.7)	.875 (22.2)	1.250 (31.8)	1.000 (25.4)	1.375 (34.9)	
24	1.124 (28.5)	2.363 (60.0)	1.000 (25.4)	1.375 (34.9)	1.250 (31.8)	1.625 (41.3)	
28	1.399 (35.5)	2.770 (70.4)	1.250 (31.8)	1.625 (41.3)	1.437 (36.5)	1.875 (47.6)	
32	1.399 (35.5)	3.020 (76.7)	1.437 (36.5)	1.875 (47.6)			

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Consult factory for shorter lengths on straight backshells.

TABLE XI: CABLE ENTRY							
Dash No.	W Max	X Max	Y Max	Z Max	Cable Range		
					Min **	Max	Max
03*	.437 (11.1)	.760 (19.3)	.843 (21.4)	.630 (16.0)	.156 (4.0)	.250 (6.4)	.312 (7.9)
04*	.437 (11.1)	.760 (19.3)	.906 (23.0)	.755 (19.2)	.188 (4.8)	.312 (7.9)	.438 (11.1)
06*	.500 (12.7)	.760 (19.3)	1.093 (27.8)	.942 (23.9)	.281 (7.1)	.438 (11.1)	.562 (14.3)
08	.563 (14.3)	.760 (19.3)	1.187 (30.1)	1.067 (27.1)	.344 (8.7)	.562 (14.3)	.625 (15.9)
10	.563 (14.3)	.760 (19.3)	1.281 (32.5)	1.192 (30.3)	.375 (9.5)	.625 (15.9)	.750 (19.1)
12	.563 (14.3)	.760 (19.3)	1.500 (38.1)	1.380 (35.1)	.438 (11.1)	.750 (19.1)	.938 (23.8)
16	.656 (16.7)	1.073 (27.3)	1.719 (43.7)	1.535 (39.0)	.562 (14.3)	.938 (23.8)	1.250 (31.8)
20	.656 (16.7)	1.323 (33.6)	2.062 (52.4)	1.848 (46.9)	.750 (19.1)	1.250 (31.8)	1.375 (34.9)
24	.656 (16.7)	1.323 (33.6)	2.312 (58.7)	2.255 (57.3)	.781 (19.8)	1.375 (34.9)	1.625 (41.3)
28	1.188 (30.2)	1.572 (39.9)	2.719 (69.1)	2.505 (63.6)	.969 (24.6)	1.625 (41.3)	1.875 (47.6)
32*	1.187 (30.1)	1.572 (39.9)	2.969 (75.4)	2.755 (70.0)	1.125 (28.6)	1.875 (47.6)	2.375 (60.3)
40*	1.125 (28.6)	1.572 (39.9)	3.531 (89.7)	3.255 (82.7)	1.469 (37.3)	2.375 (60.3)	

* Not available in Style M clamp.

** Not Applicable Style D