

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**



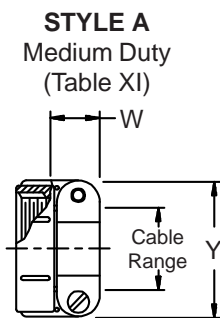
**STYLE 2
 (STRAIGHT
 See Note 1)**



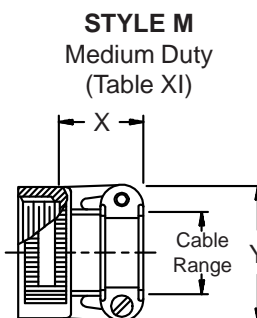
**STYLE 2
 (45° & 90°
 See Note 1)**



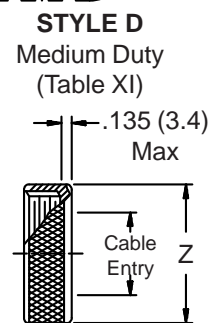
**STYLE H
 Heavy Duty
 (Table X)**



**STYLE A
 Medium Duty
 (Table XI)**



**STYLE M
 Medium Duty
 (Table XI)**



**STYLE D
 Medium Duty
 (Table XI)**

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TABLE III: ELBOW DIMENSIONS

Shell Size				E		F		G		H	
Conn. Desig.											
A-F-L-S	H	Max	Max	Max	Max	Max	Max	Max	Max		
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	V	Cable Range					
			Max	Max	Min			
					Max	Max		
04	.780	(19.8)	.957	(24.3)	.125	(3.2)	.312	(7.9)
06	.780	(19.8)	1.145	(29.1)	.250	(6.4)	.437	(11.1)
08	.780	(19.8)	1.332	(33.8)	.312	(7.9)	.562	(14.3)
10	.780	(19.8)	1.332	(33.8)	.350	(8.9)	.625	(15.9)
12	.811	(20.6)	1.551	(39.4)	.500	(12.7)	.750	(19.1)
16	.905	(23.0)	1.770	(45.0)	.625	(15.9)	.937	(23.8)
20	1.092	(27.7)	2.113	(53.7)	.875	(22.2)	1.250	(31.8)
24	1.124	(28.5)	2.363	(60.0)	1.000	(25.4)	1.375	(34.9)
28	1.399	(35.5)	2.770	(70.4)	1.250	(31.8)	1.625	(41.3)
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	X	Y	Z	Cable Range							
					Max	Max	Max	Max	Min			
									Max	Max		
03*	.437	(11.1)	.760	(19.3)	.843	(21.4)	.630	(16.0)	.156	(4.0)	.250	(6.4)
04*	.437	(11.1)	.760	(19.3)	.906	(23.0)	.755	(19.2)	.188	(4.8)	.312	(7.9)
06*	.500	(12.7)	.760	(19.3)	1.093	(27.8)	.942	(23.9)	.281	(7.1)	.438	(11.1)
08	.563	(14.3)	.760	(19.3)	1.187	(30.1)	1.067	(27.1)	.344	(8.7)	.562	(14.3)
10	.563	(14.3)	.760	(19.3)	1.281	(32.5)	1.192	(30.3)	.375	(9.5)	.625	(15.9)
12	.563	(14.3)	.760	(19.3)	1.500	(38.1)	1.380	(35.1)	.438	(11.1)	.750	(19.1)
16	.656	(16.7)	1.073	(27.3)	1.719	(43.7)	1.535	(39.0)	.562	(14.3)	.938	(23.8)
20	.656	(16.7)	1.323	(33.6)	2.062	(52.4)	1.848	(46.9)	.750	(19.1)	1.250	(31.8)
24	.656	(16.7)	1.323	(33.6)	2.312	(58.7)	2.255	(57.3)	.781	(19.8)	1.375	(34.9)
28	1.188	(30.2)	1.572	(39.9)	2.719	(69.1)	2.505	(63.6)	.969	(24.6)	1.625	(41.3)
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)
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