

380-103

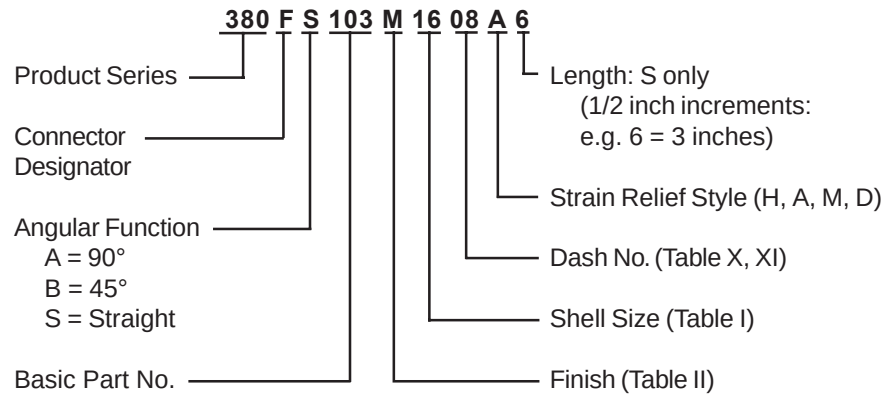
EMI/RFI Non-Environmental Backshell

with Strain Relief

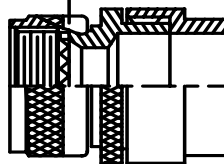
Type F - Rotatable Coupling - Low Profile

CONNECTOR DESIGNATORS A-F-H-L-S ROTATABLE COUPLING

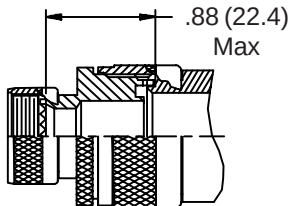
TYPE F INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION



Length $\pm .060$ (1.52)
Minimum Order Length 2.0 Inch
(See Note 4)



STYLE 2
(STRAIGHT
See Note 1)

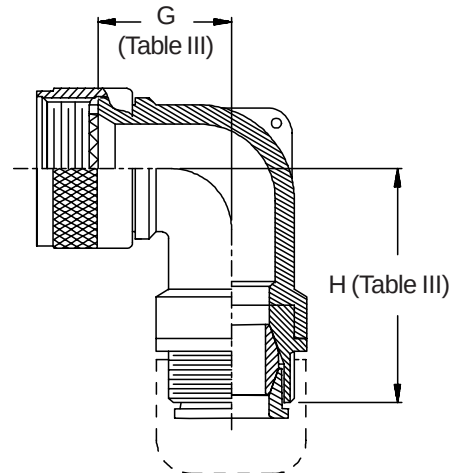
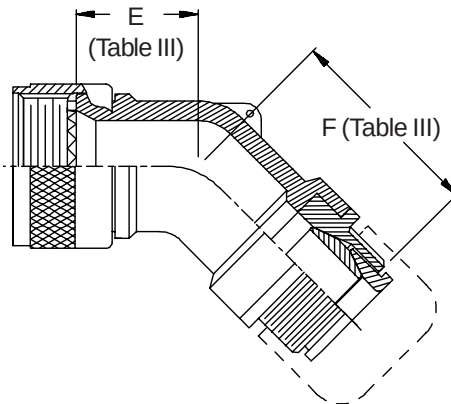


STYLE 2
(45° & 90°
See Note 1)

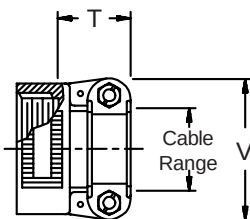
A Thread
(Table I)

C Typ.
(Table I)

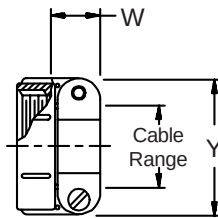
Length $\pm .060$ (1.52)
Minimum Order
Length 1.5 Inch
(See Note 4)



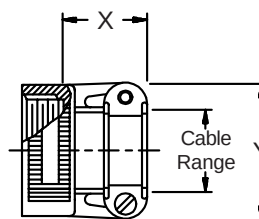
STYLE H
Heavy Duty
(Table X)



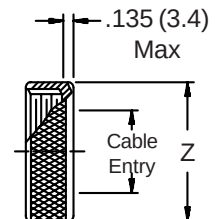
STYLE A
Medium Duty
(Table XI)



STYLE M
Medium Duty
(Table XI)



STYLE D
Medium Duty
(Table XI)



380-103
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type F - Rotatable Coupling - Low Profile



TABLE III: ELBOW DIMENSIONS

Shell Size Conn. Desig. A-F-L-S H		E Max		F Max		G Max		H 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)

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	

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

TABLE X: CABLE ENTRY

Dash No.	T Max	V Max	Cable Range			
			Min		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 Max	X Max	Y Max	Z Max	Cable Range		
					Min **	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)

* Not available in Style M clamp.

** Not Applicable Style D