

463-002

EMI/RFI Environmental G-Spring Backshell

with Strain Relief

Direct Coupling - Low Profile

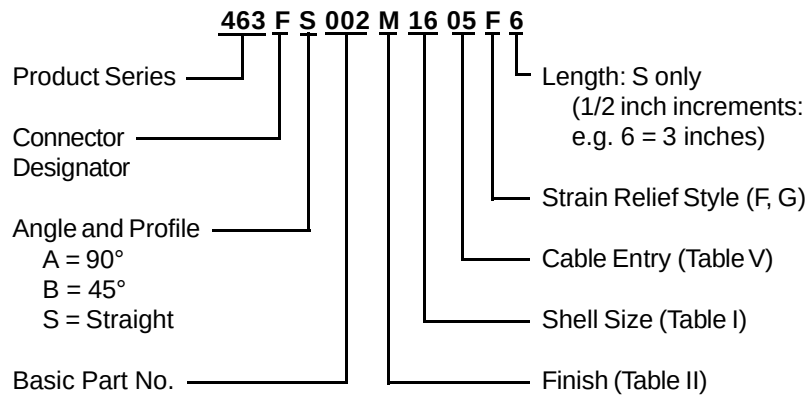
CONNECTOR DESIGNATORS

A-B*-C-D-E-F

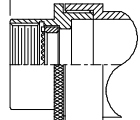
G-H-J-K-L-S

* Conn. Desig. B See Note 6

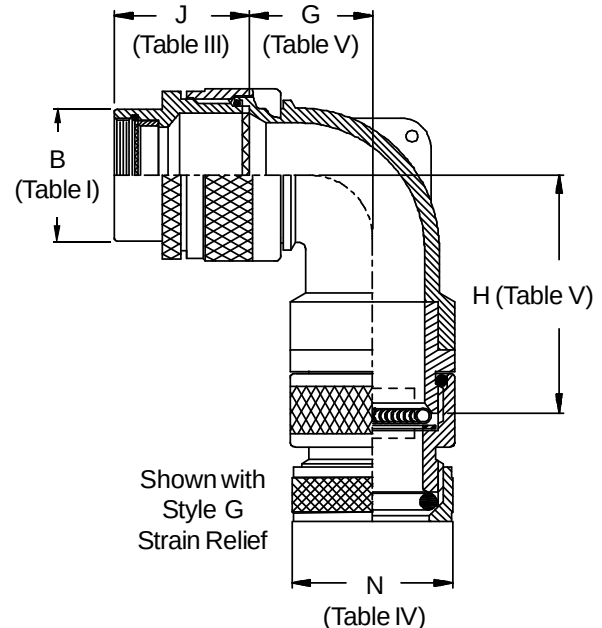
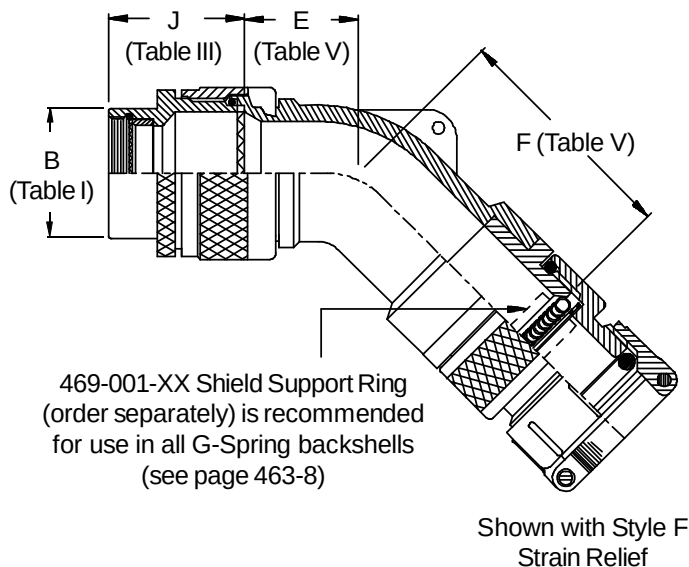
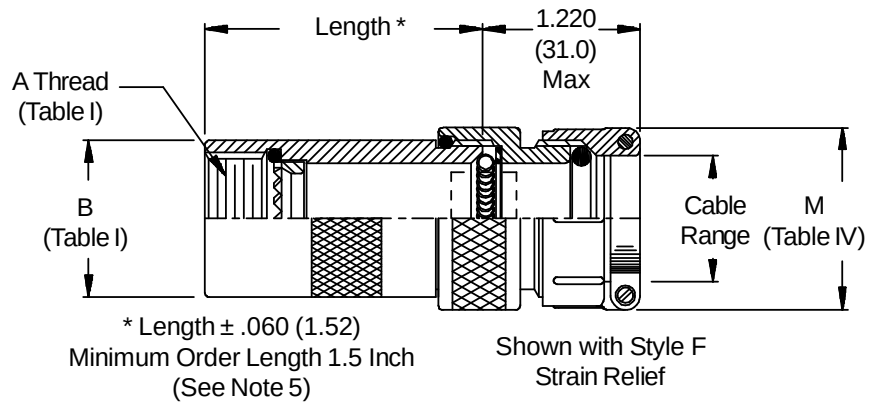
DIRECT COUPLING



Length $\pm .060$ (1.52)
Min. Order Length 2.0 Inch
(See Note 5)



STYLE 2
(STRAIGHT
See Note 1)



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

TABLE III: FRONT ADAPTER			
Shell Size	J Max - Conn. Designator		
	A-D-E-F	B-G-K	C
	J-H-L-S		
08/09	1.000 (25.4)	1.250 (31.8)	
10/11	1.000 (25.4)	1.250 (31.8)	
12/13	1.000 (25.4)	1.250 (31.8)	1.735 (44.1)
14/15	1.000 (25.4)	1.250 (31.8)	1.915 (48.6)
16/17	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
18/19	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
20/21	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
22/23	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
24/25	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
28/29	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
32/33	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
36	1.000 (25.4)	1.416 (36.0)	1.915 (48.6)
40	1.000 (25.4)	1.687 (42.9)	1.915 (48.6)

TABLE IV: CABLE ENTRY						
Dash No.	M Max	N Max	Cable Range			
			Min		Max	
01	.843 (21.4)	.625 (15.9)	.125 (3.2)	.250 (6.4)		
02	.968 (24.6)	.750 (19.1)	.156 (4.0)	.375 (9.5)		
03	1.046 (26.6)	.875 (22.2)	.250 (6.4)	.438 (11.1)		
04	1.156 (29.4)	1.000 (25.4)	.280 (7.1)	.500 (12.7)		
05	1.218 (30.9)	1.125 (28.6)	.375 (9.5)	.625 (15.9)		
06	1.343 (34.1)	1.250 (31.8)	.500 (12.7)	.750 (19.1)		
07	1.468 (37.3)	1.375 (34.9)	.625 (15.9)	.875 (22.2)		
08	1.593 (40.5)	1.500 (38.1)	.750 (19.1)	1.000 (25.4)		
09	1.718 (43.6)	1.625 (41.3)	.875 (22.2)	1.125 (28.6)		
10	1.843 (46.8)	1.750 (44.5)	1.000 (25.4)	1.250 (31.8)		
11*	2.187 (55.5)	1.875 (47.6)	1.125 (28.6)	1.375 (34.9)		
12*	2.312 (58.7)	2.000 (50.8)	1.250 (31.8)	1.500 (38.1)		
13*	2.437 (61.9)	2.125 (54.0)	1.375 (34.9)	1.625 (41.3)		
14*	2.546 (64.7)	2.250 (57.2)	1.500 (38.1)	1.750 (44.5)		

* Consult factory for availability

TABLE V: ELBOW DIMENSIONS					
Elbow Size	E		F		H
	Max		Max		Max
01	.630 (16.0)	1.720 (43.7)	.636 (16.2)	1.670 (42.4)	
02	.630 (16.0)	1.720 (43.7)	.710 (18.0)	1.790 (45.5)	
03	.692 (17.6)	1.780 (45.2)	.734 (18.6)	1.810 (46.0)	
04	.755 (19.2)	1.870 (47.5)	.825 (21.0)	1.880 (47.8)	
05	.848 (21.5)	1.980 (50.3)	.988 (25.1)	1.970 (50.0)	
06	1.036 (26.3)	2.170 (55.1)	1.087 (27.6)	2.140 (54.4)	
07	1.036 (26.3)	2.170 (55.1)	1.087 (27.6)	2.140 (54.4)	
08	1.130 (28.7)	2.320 (58.9)	1.325 (33.7)	2.250 (57.2)	
09	1.130 (28.7)	2.320 (58.9)	1.325 (33.7)	2.250 (57.2)	
10	1.255 (31.9)	2.370 (60.2)	1.337 (34.0)	2.420 (61.5)	
11	1.317 (33.5)	2.470 (62.7)	1.827 (46.4)	2.670 (67.8)	
12	1.317 (33.5)	2.470 (62.7)	1.827 (46.4)	2.670 (67.8)	
13	1.348 (34.2)	2.560 (65.0)	2.027 (51.5)	2.670 (67.8)	
14	1.348 (34.2)	2.560 (65.0)	2.027 (51.5)	2.670 (67.8)	

1. Shield Support Ring (469-001-XX) is recommended for use in all G-Spring backshells (see page 463-8).
2. When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. Angular Function S only.
3. Metric dimensions (mm) are indicated in parentheses.
4. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
5. Consult factory for shorter lengths on straight backshells.
6. When using Connector Designator B refer to pages 18 and 19 for part number development.