

CONNECTOR DESIGNATORS

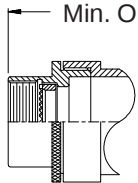
A-B*-C-D-E-F
G-H-J-K-L-S

* Conn. Desig. B See Note 5

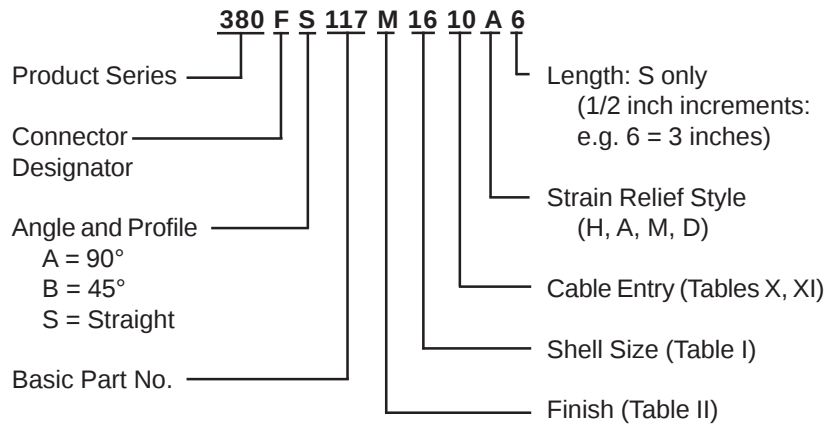
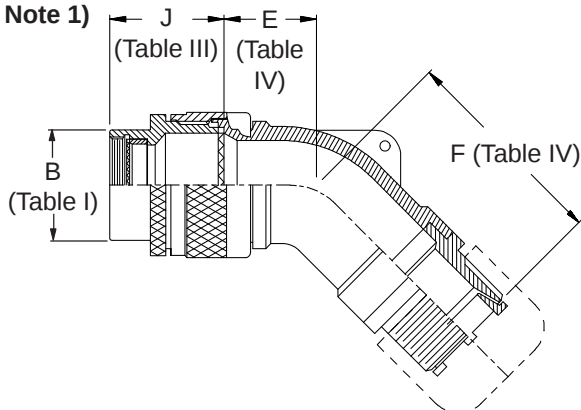
DIRECT COUPLING

TYPE B INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION

Length $\pm .060$ (1.52)
Min. Order Length 3.0 Inch
(See Note 4)



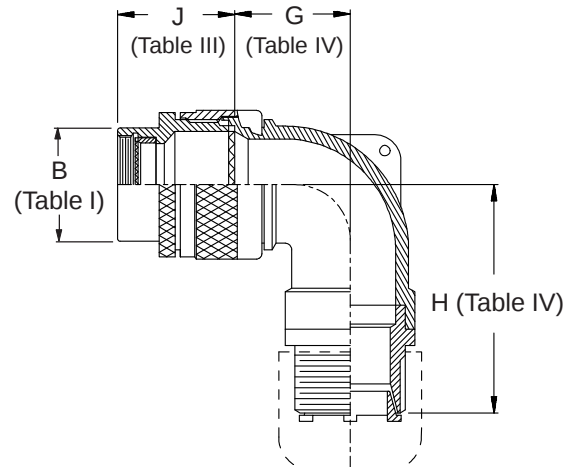
**STYLE 2
(STRAIGHT
See Note 1)**



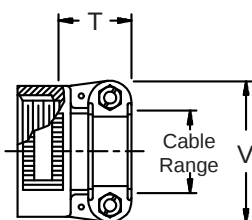
Length $\pm .060$ (1.52)
Min. Order Length 2.5 Inch
(See Note 4)

A Thread
(Table I)

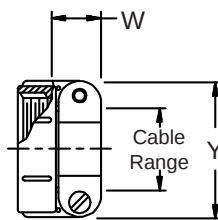
B
(Table I)



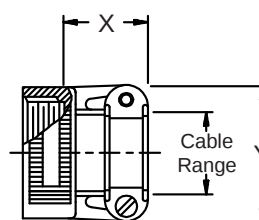
**STYLE H
Heavy Duty
(Table X)**



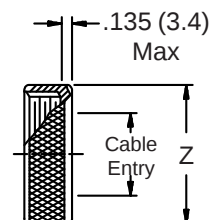
**STYLE A
Medium Duty
(Table XI)**



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



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



380-117
EMI/RFI Non-Environmental Backshell
 with Strain Relief
 Type B - Direct Coupling - Low Profile



38

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

TABLE III: FRONT ADAPTER			
Shell Size	J Max - Conn. Designator		
	A-E-F	D-B-G-K	C
	J-H-L-S		
08/09	1.180 (30.0)	1.440 (36.6)	
10/11	1.180 (30.0)	1.440 (36.6)	
12/13	1.180 (30.0)	1.440 (36.6)	1.735 (44.1)
14/15	1.180 (30.0)	1.440 (36.6)	1.915 (48.6)
16/17	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
18/19	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
20/21	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
22/23	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
24/25	1.380 (35.0)	1.560 (39.6)	1.915 (48.6)
28/29	1.610 (40.9)	1.560 (39.6)	1.915 (48.6)
32/33	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
36	1.610 (40.9)	1.750 (44.5)	1.915 (48.6)
40	1.610 (40.9)	2.190 (55.6)	1.915 (48.6)

TABLE IV: ELBOW DIMENSIONS						
Elbow Size	E Max	F Max	G Max	H Max		
04	.567 (14.4)	1.674 (42.5)	.636 (16.2)	1.684 (42.8)		
06	.630 (16.0)	1.734 (44.0)	.710 (18.0)	1.804 (45.8)		
08	.692 (17.6)	1.794 (45.6)	.731 (18.6)	1.824 (46.3)		
10	.755 (19.2)	1.884 (47.9)	.825 (21.0)	1.894 (48.1)		
12	.848 (21.5)	1.994 (50.6)	.988 (25.1)	1.984 (50.4)		
16	1.036 (26.3)	2.184 (55.5)	1.087 (27.6)	2.154 (54.7)		
20	1.130 (28.7)	2.334 (59.3)	1.325 (33.7)	2.264 (57.5)		
24	1.255 (31.9)	2.384 (60.6)	1.337 (34.0)	2.434 (61.8)		
28	1.317 (33.5)	2.484 (63.1)	1.827 (46.4)	2.684 (68.2)		
32	1.348 (34.2)	2.574 (65.4)	2.027 (51.5)	2.684 (68.2)		

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	
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)	

- When maximum cable entry (page 22) is exceeded, Style 2 will be supplied. (Function S only.)
- Metric dimensions (mm) are indicated in parentheses.
- Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.

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)	
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

- Consult factory for shorter lengths on straight backshells.
- When using Connector Designator B refer to pages 18 and 19 for part number development.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

[380DS117B2420M4](#) [380DS117B2010M5](#) [380DS117W2010M5](#) [380DS117W2420M5](#) [380BS117B1410M5A](#)
[380DS117B1616M5](#) [380DS117B1412M4](#) [380AS117M2012M3](#) [380BS117M1508A3A](#) [380DA117M0803A](#)
[380DA117M0804A](#) [380DS117B0804A3](#) [380DS117B1206A3](#) [380DS117B1616M4](#) [380DS117B2410M5](#)
[380DS117M0803A3](#) [380DS117M0804A3](#) [380DS117M0806A3](#) [380DS117M1004A3](#) [380DS117M1006A3](#)
[380DS117M1206A3](#) [380DS117M1410M3](#) [380DS117M1812M3](#) [380DS117M2012M3](#) [380DS117M2012M4](#)
[380DS117M2212M3](#) [380FS117M0803A3](#) [380HA117M2308M](#) [380HS117M1706A6](#) [380HS117M2316A5](#)
[380HS117M2320A5](#) [380DS117B2412M5](#) [380DS117B2416M5](#) [380DS117B2420M5](#) [380DS117M2412M6](#)
[380DS117M2416M6](#) [380DS117M2420M6](#) [380HS117B2112M5](#) [380AS117NF1406A5](#) [380DA117M0804A-325](#)
[380DA117M1004A](#) [380DS117B0803A3](#) [380DS117B2424M5](#) [380DS117M1606A5](#) [380DS117NF1208M3](#)
[380DS117NF1812M3](#) [380DS117NF2012M3](#) [380DS117NF2212M3](#) [380HS117M1108M4](#) [380XS117Z10106H3-709E](#)
[380DS117B1206A5](#) [380DS117M0804A3-325](#) [380DS117NF0804A3](#) [380DS117NF1006A3](#) [380DS117NF1208A3](#)
[380HA117M2316M](#) [380AS117M2424M3](#) [380AS117M2420M5](#) [380AS117M6116M3](#) [380HS117M1508M4](#)
[380DS117B2424M3](#) [380DS117NF1616H4](#) [380AS117M6110M3](#) [380AS117M6120M3-63](#) [380AS117B1203A6](#)
[380AS117B1206A6](#) [380AS117B1608M6](#) [380DS117NF1406H4](#) [380AS117B1410M6](#) [380AS117B1406A6](#)
[380AS117M0804A3-731](#) [380AS117B1004A6](#) [380DS117B2420M3](#) [380HS117B1316M5](#) [380HS117M1510M4](#)
[380HS117ZNU1110A5](#) [380DS117NF1410M3](#) [380DS117B2424M4](#) [380DS117NF2420M3](#) [380XS117M6116M3-706B](#)
[380AS117B2220M5](#) [380AS117M2412M5](#) [380DA117NF0804A](#) [380AS117M2424M5](#)