

380-115

EMI/RFI Non-Environmental Backshell with Strain Relief

Type B - Rotatable Coupling - Low Profile

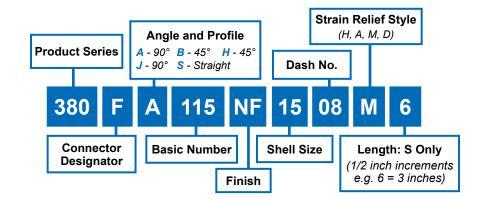
CONNECTOR DESIGNATORS

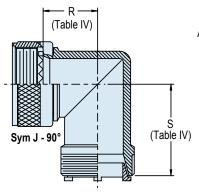
MIL-DTL-38999 Series I, II (F)
MIL-DTL-38999 Series III and IV (H)

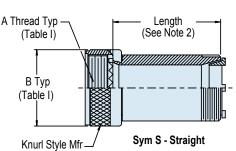
F-H

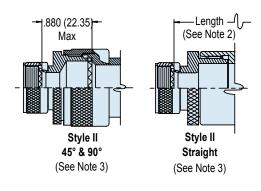
ROTATABLE COUPLING

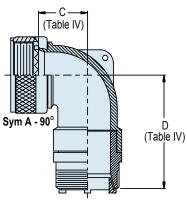
TYPE B INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION

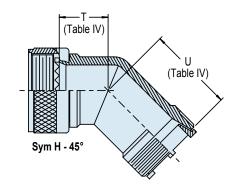


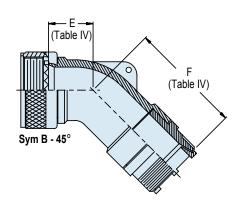




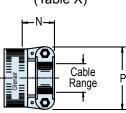


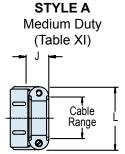


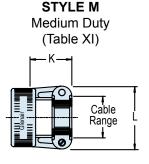


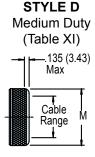


STYLE H Heavy Duty (Table X)









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CAGE CODE 06324

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EMI/RFI Non-Environmental Backshell with Strain Relief

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TABLE III: ELBOW DIMENSIONS										
Shell Size		ze	c	D	E	F	R	S	T	U
A	F,L,S H Max		Max Max		Max	Max	Max	Max	Max	
08	08	09	.500 (12.7)	1.684 (42.8)	457 (11.6)	1.674 (42.5)	.910 (23.11)	1.910 (48.77)	.780 (19.81)	1.780 (45.21)
10	10	11	.595 (15.1)	1.804 (45.8)	.520 (13.2)	1.734 (44.0)	.970 (24.64)	1.970 (50.04)	.810 (20.57)	1.810 (45.97)
12	12	13	.610 (15.5)	1.824 (46.3)	.582 (14.8)	1.794 (45.6)	1.030 (26.16)	2.030 (50.56)	.830 (21.08)	1.830 (46.48)
14	14	15	.700 (17.8)	1.894 (48.1)	.645 (16.4)	1.884 (47.9)	1.090 (27.68)	2.090 (53.09)	.850 (21.59)	1.850 (46.99)
16	16	17	.885 (22.5)	1.984 (50.4)	.738 (18.7)	1.994 (50.6)	1.150 (29.21	2.150 (54.61)	.880 (22.35)	1.880 (47.75)
18	18	19	.975 (24.8)	2.154 (54.7)	.926 (23.5)	2.184 (55.5)	1.200 (30.48)	2.200 (55.88)	.900 (22.86)	1.900 (48.26)
20	20	21	.975 (24.8)	2.154 (54.7)	.926 (23.5)	2.184 (55.5)	1.270 (32.26)	2.270 (57.66)	.930 (23.62)	1.930 (49.02)
22	22	23	1.125 (28.6)	2.264 (57.5)	1.020 (25.9)	2.334 (59.3)	1.330 (33.78)	2.330 (59.18)	.950 (24.13)	1.950 (49.53)
24	24	25	1.125 (28.6)	2.264 (57.5)	1.020 (25.9)	2.334 (59.3)	1.390 (35.31)	2.390 (60.71)	.980 (24.13)	1.980 (50.29)
28			1.225 (31.1)	2.434 (61.8)	1.145 (29.1)	2.384 (60.6)	1.460 (37.08)	2.460 (62.48)	1.150 (29.21)	2.150 (54.61)
32			1.575 (40.0)	2.684 (68.2)	1.207 (30.7)	2.484 (63.1)	1.590 (40.38)	2.590 (65.79)	1.210 (30.73)	2.210 (56.13)
36			1.775 (45.1)	2.684 (68.2)	1.238 (31.4)	2.574 (65.4)	1.690 (42.93)	2.690 (68.33)	1.240 (31.50)	2.240 (56.90)
40			N/A	N/A	N/A	N/A	1.900 (48.26)	2.200 (55.88)	1.250 (31.75)	1.590 (40.38)
44			N/A	N/A	N/A	N/A	2.030 (51.56)	2.360 (59.94)	1.300 (33.02)	1.640 (41.65)
48			N/A	N/A	N/A	N/A	2.180 (53.37)	2.530 (64.26)	1.370 (34.79)	1.720 (43.68)
61			N/A	N/A	N/A	N/A	1.290 (32.76)	1.490 (37.85)	.880 (22.35)	1.100 (27.94)

TABLE II: FINISHES						
Sym	Finish					
В	Cadmium Plate, Olive Drab					
C*	Anodize, Black					
G*	Hard Coat, Anodic					
J	Gold Iridite over Cadmium Plate over Nickel					
LF	Cadmium Plate, Bright over Electroless Nickel					
M	Electroless Nickel					
N	Cadmium Plate, Olive Drab over Nickel					
NC	Zinc Cobalt, Dark Olive Drab					
NF	Cad/O.D. over Electroless Nickel (1000 Hr. Salt Spray)					
Т	Cadmium Plate, Bright Dip over Nickel					
U**	Cadmium Plate, Black					
UC	Zinc Cobalt, Black					
Z1**	Passivate					
ZN	Zinc Nickel, Olive Drab					

TABLE IV: CABLE CLAMP CABLE RANGE						
Dash No.	N Max	P Max	Cable Min	Range 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)		

TABLE IV (Continued): CABLE CLAMP CABLE RANGE								
Dash No.	W Max	X Y Max Max		Z Max	Cable Min**	Range 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.

APPLICATION NOTES

- Assembly identified with manufacturer's name and part number, space permitting.
- Standard minimum length for Style I is 1.500 inches, Style II standard length is 2.000 inches.For shorter lengths consult factory. Appklies to Symbol
- When cable range exceeds Max Entry shown in Table IV, Style II will be supplied. Note: C, D, E, F, R, S, T and U dimensions do not apply to Style II.
- Metric dimensions are in parentheses.
- For effective grounding, connector with conductive finish should be used.
- Glenair Series 600 Backshell Assembly Tools are recommended for assembly and installation.
- Material/Finish:
 - Elbow, adapter, coupling nut, ferrules and clamp - Aluminim alloy or SST/Table II. Hardware - CRES/Passivate
- Angular functions A and B are currently not available in shell sizes 40, 44 and 61. Consult factory for suitable alternatives.

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^{**} Not Applicable Style D

Mouser Electronics

Authorized Distributor

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Glenair:

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380HS115B1720M4 380HS115B2120M4 380HA115M1116M 380HA115M1520M 380HS115B1920M4
380AA115M1606A 380AA115NF2216A 380FA115NF1404A 380FB115M2420M 380FS115B1612M3
380FS115M0803A3 380FS115M1004A3 380FS115M1006A3 380FS115M1008A3 380FS115M1008M3
380FS115M1206A3 380FS115M1208A3 380FS115M1208M3 380FS115M1404A3 380FS115M1406A3
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380FS115M1412A3 380FS115M1412M3 380FS115M1606A3 380FS115M1606A4 380FS115M1608M3
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380FS115M1820D4 380FS115M2016M3 380FS115M2016M6 380FS115M2216M3 380FS115M2220M3
380FS115M2420A3 380FS115M2420A4 380FS115M2420H6 380FS115M2420M3 380FS115M2420M3-63
380HA115M1104A 380HA115M1108A 380HA115M1504A 380HA115M1512M 380HA115NF1512M
380HA115NF1710M 380HA115NF2510A 380HA115NF2516H 380HB115M1104A 380HB115M1506A
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