

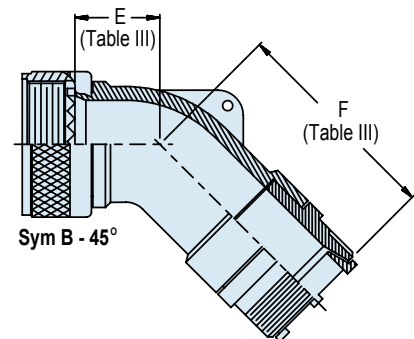
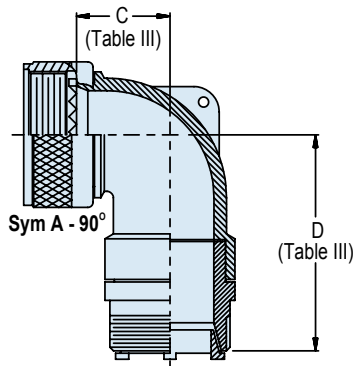
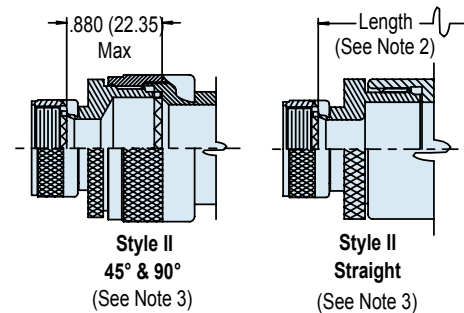
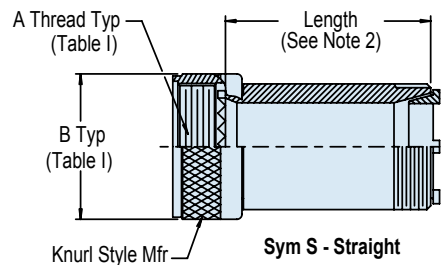
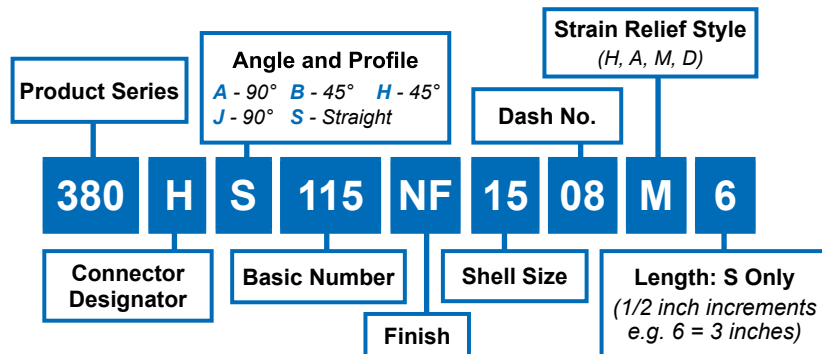
CONNECTOR DESIGNATORS

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

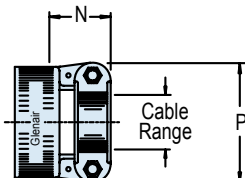
A-F-H-L-S

ROTATABLE COUPLING

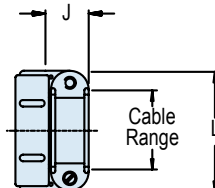
TYPE B INDIVIDUAL AND/OR OVERALL SHIELD TERMINATION



STYLE H
Heavy Duty
(Table VI)



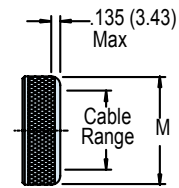
STYLE A
Medium Duty
(Table V)



STYLE M
Medium Duty
(Table V)



STYLE D
Medium Duty
(Table V)



380-115
EMI/RFI Non-Environmental Backshell
with Strain Relief
Type B - Rotatable Coupling - Low Profile



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TABLE III: ELBOW DIMENSIONS

Shell Size			C Max	D Max	E Max	F Max	R Max	S Max	T Max	U Max
A	F,L,S	H								
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 IV: CABLE CLAMP CABLE RANGE

Dash No.	N Max	P 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)

TABLE II: STANDARD FINISHES

GLENNAIR 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
 Shell A-E-F for unabridged Tables I and II.

CABLE V: CABLE CLAMP CABLE RANGE

Dash No.	J Max	K Max	L Max	M 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

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. Applies to Symbol S only.
- 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 - Aluminum 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.