



AS85049/78 EMI/RFI Environmental Backshell

Glenair Connector
Designator H

MIL-DTL-38999
Series III & IV,
EN3645

M85049/78-11 W 01

Basic Part No.

Clamp Size

Shell Size

Finish

N = Electroless Nickel

W = 1,000 Hr. Cadmium Olive

Drab Over Electroless Nickel

TABLE I		
Shell Size	A Thread Class 2B	B Dia Max
9	M12 X 1 - 6H	.75 (19.1)
11	M15 X 1 - 6H	.85 (21.6)
13	M18 X 1 - 6H	1.00 (25.4)
15	M22 X 1 - 6H	1.15 (29.2)
17	M25 X 1 - 6H	1.25 (31.8)
19	M28 X 1 - 6H	1.40 (35.6)
21	M31 X 1 - 6H	1.55 (39.4)
23	M34 X 1 - 6H	1.65 (41.9)
25	M37 X 1 - 6H	1.85 (47.0)

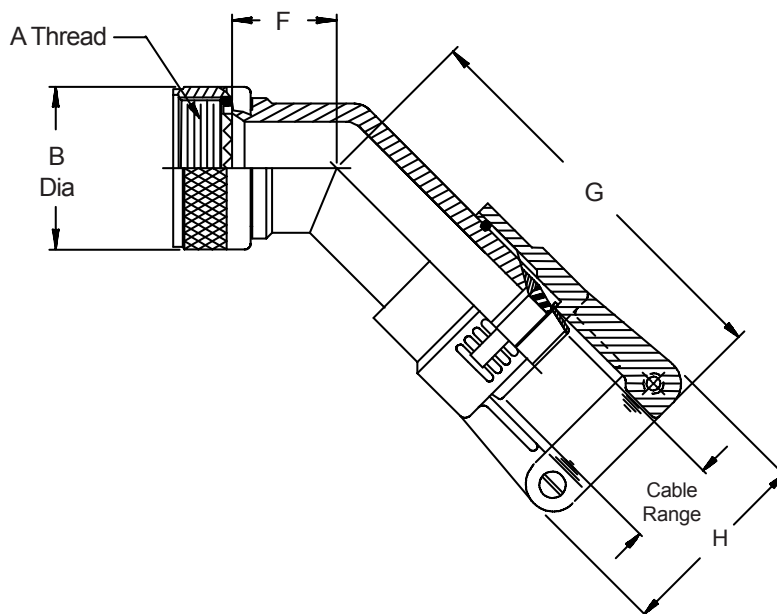


TABLE II					
Shell Size	Clamp Size		F		G
	Min	Max	±.062	(1.6)	±.062 (1.6)
09	01	02	.398	(10.1)	3.088 (78.4)
11	01	03	.458	(11.6)	3.148 (80.0)
13	02	04	.518	(13.2)	3.208 (81.5)
15	02	05	.588	(14.9)	3.298 (83.8)
17	02	06	.678	(17.2)	3.408 (86.6)
19	03	07	.868	(22.0)	3.598 (91.4)
21	03	08	.868	(22.0)	3.598 (91.4)
23	03	09	.958	(24.3)	3.748 (95.2)
25	04	10	.958	(24.3)	3.748 (95.2)

TABLE III					
Clamp Size	Cable Range		H		
	Min	Max	Min	Max	
01	.062	(1.6)	.125	(3.2)	.80 (20.3)
02	.125	(3.2)	.250	(6.4)	1.00 (25.4)
03	.250	(6.4)	.375	(9.5)	1.10 (27.9)
04	.375	(9.5)	.500	(12.7)	1.20 (30.5)
05	.500	(12.7)	.625	(15.9)	1.25 (31.8)
06	.625	(15.9)	.750	(19.1)	1.40 (35.6)
07	.750	(19.1)	.875	(22.2)	1.50 (38.1)
08	.875	(22.2)	1.000	(25.4)	1.65 (41.9)
09	1.000	(25.4)	1.125	(28.6)	1.75 (44.5)
10	1.125	(28.6)	1.250	(31.8)	1.90 (48.3)

1. For complete dimensions see applicable Military Specification.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodation range for the wire bundle or cable.
Dimensions shown are not intended for inspection criteria.