

AS85049/19 Straight EMI/RFI Non-Environmental Backshell



AS85049

CONNECTOR DESIGNATOR:

H MIL-DTL-38999 Series III and IV
EN3645

Finish

N = Electroless Nickel
W = Cadmium, Olive Drab
X = Nickel Fluorocarbon Polymer
Z = Zinc Nickel

M85049/19

Basic
Part Number

11

Shell Size
(Table I)

W

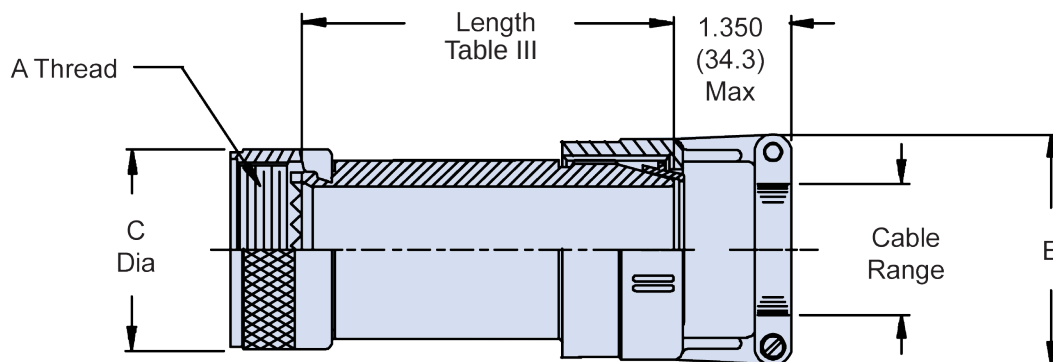
Clamp Size
(Table II)

03

A

Length
Code
(Omit for
Standard)
(Table III)

B



APPLICATION NOTES

1. For complete dimensions see the applicable Military Specification.
2. Metric dimensions (mm) are 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.

Dimensions in inches (millimeters) and are subject to change without notice.

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AS85049/19

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B

TABLE I: Shell Size and Clamp Size

Shell Size	Clamp Size Min	Clamp Size Max	A Thread Class 6H	C Dia Max
9	01	02	M12 X 1 - 6H	.750 (19.1)
11	01	03	M15 X 1 - 6H	.850 (21.6)
13	02	04	M18 X 1 - 6H	1.000 (25.4)
15	02	05	M22 X 1 - 6H	1.100 (27.9)
17	02	06	M25 X 1 - 6H	1.250 (31.8)
19	03	07	M28 X 1 - 6H	1.400 (35.6)
21	03	08	M31 X 1 - 6H	1.500 (38.1)
23	03	09	M34 X 1 - 6H	1.650 (41.9)
25	04	10	M37 X 1 - 6H	1.750 (44.5)

TABLE II: Cable Range and Dimensions

Clamp Size	Cable Range Min	Cable Range Max	E Max
01	.062 (1.6)	.125 (3.2)	.800 (20.3)
02	.125 (3.2)	.250 (6.4)	1.000 (25.4)
03	.250 (6.4)	.375 (9.5)	1.100 (27.9)
04	.312 (7.9)	.500 (12.7)	1.200 (30.5)
05	.437 (11.1)	.625 (15.9)	1.250 (31.8)
06	.562 (14.3)	.750 (19.1)	1.400 (35.6)
07	.687 (17.4)	.875 (22.2)	1.500 (38.1)
08	.812 (20.6)	1.000 (25.4)	1.650 (41.9)
09	.937 (23.8)	1.125 (28.6)	1.750 (44.5)
10	1.062 (27.0)	1.250 (31.8)	1.900 (48.3)

TABLE III: Length Code

Length Code	Length
Std.	1.500 (38.1)
A	2.500 (63.5)
B	3.500 (88.9)
C	4.500 (114.3)

Dimensions in inches (millimeters) and are subject to change without notice.

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Mil-Spec Backshells

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