

AS85049/46 and MS27663-2 90° Non-Self-Locking Composite Strain Relief



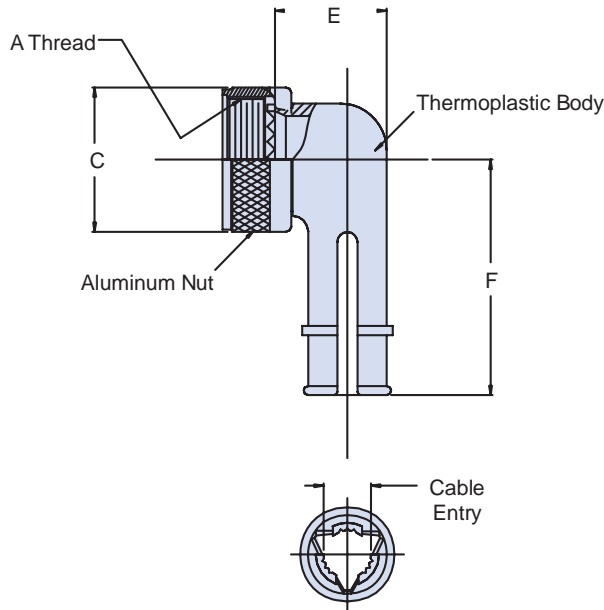
AS85049

B

CONNECTOR DESIGNATOR:
F MIL-DTL-38999 Series I and II

Basic Part Number
M85049/46

Dash No.
W 10



Finish
A = Anodize, Black
W = 1,000 Hour Cadmium Olive Drab over Electroless Nickel
X = Nickel Fluorocarbon Polymer
Y = Pure Dense Electrodeposited Aluminum
Z = Zinc-Nickel, Black

Superseded Part Number
MS27663-2

Basic Part No. Dash No.

TABLE I: Shell Size, Cable Entry and Backshell Dimensions

Dash No.	Shell Size Ref.	A Thread Class 2B	Ø C Max	E Max	F Max	Cable Entry			
						Min	Max	Min	Max
8	8/9	.438 - 28 UNEF	.578 (14.7)	.656 (16.7)	1.015 (25.8)	.094 (2.4)	.203 (5.2)		
10	10/11	.562 - 24 UNEF	.703 (17.9)	.688 (17.5)	1.062 (27.0)	.141 (3.6)	.250 (6.4)		
12	12/13	.688 - 24 UNEF	.828 (21.0)	.750 (19.1)	1.125 (28.6)	.172 (4.4)	.323 (8.2)		
14	14/15	.813 - 20 UNEF	.953 (24.2)	.859 (21.8)	1.328 (33.7)	.203 (5.2)	.422 (10.7)		
16	16/17	.938 - 20 UNEF	1.078 (27.4)	.937 (23.8)	1.392 (35.4)	.234 (5.9)	.500 (12.7)		
18	18/19	1.063 - 18 UNEF	1.203 (30.6)	1.000 (25.4)	1.453 (36.9)	.265 (6.7)	.562 (14.3)		
20	20/21	1.188 - 18 UNEF	1.328 (33.7)	1.062 (27.0)	1.609 (40.9)	.297 (7.5)	.625 (15.9)		
22	22/23	1.313 - 18 UNEF	1.453 (36.9)	1.141 (29.0)	1.656 (42.1)	.328 (8.3)	.703 (17.9)		
24	24/25	1.438 - 18 UNEF	1.578 (40.1)	1.203 (30.6)	1.719 (43.7)	.359 (9.1)	.765 (19.4)		

- APPLICATION NOTES**
1. Assembly to be identified with manufacturer's name and part number, space permitting.
 2. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
 3. For complete dimensions, see the applicable Military Specification.
 4. Metric dimensions (mm) are in parentheses.

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