AS85049/30 and M38999/4
Straight TAG® Ring Backshell

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

Basic Part Number | **Shell Size** *(Table II)*

M85049/30 - 10 W

Finish
N = *Electroless Nickel*
W = *1,000 Hr. Cadmium Olive Drab over Electroless Nickel*
X = *Aluminum, Nickel Fluorocarbon Polymer*
Z = *Aluminum, Zinc-Nickel, Black*

Superseded Part Number

M38999/4 12 B

Basic Part No. | Shell Size

Finish
(Material is Aluminum Only)
B = Cadmium Olive Drab over Nickel
F = Electroless Nickel

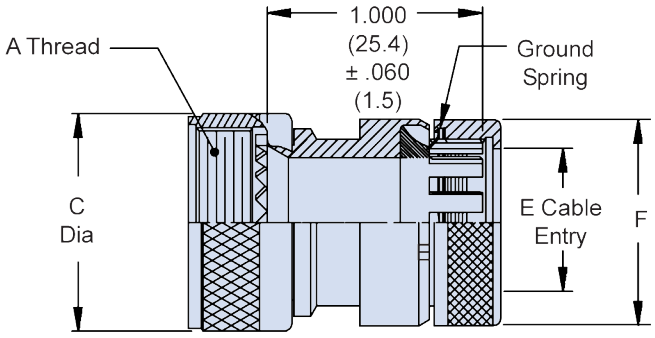

TABLE I: Clamp Size, Cable Range and Dimensions

Shell Size	Shell Size Series I Ref	A Thread Class 2B	C Dia Max	E Cable Entry Max	F Dia Max
08	9	.438 - 28 UNEF	.75 (19.1)	.250 (6.4)	.545 (13.8)
10	11	.562 - 24 UNEF	.85 (21.6)	.375 (9.5)	.670 (17.0)
12	13	.688 - 24 UNEF	1.00 (25.4)	.500 (12.7)	.795 (20.2)
14	15	.813 - 20 UNEF	1.10 (27.9)	.625 (15.9)	.920 (23.4)
16	17	.938 - 20 UNEF	1.25 (31.8)	.750 (19.1)	1.045 (26.5)
18	19	1.063 - 18 UNEF	1.40 (35.6)	.844 (21.4)	1.170 (29.7)
20	21	1.188 - 18 UNEF	1.50 (38.1)	.970 (24.6)	1.295 (32.9)
22	23	1.313 - 18 UNEF	1.65 (41.9)	1.094 (27.8)	1.420 (36.1)
24	25	1.438 - 18 UNEF	1.75 (44.5)	1.219 (31.0)	1.670 (42.4)

APPLICATION NOTES

1. For complete dimensions see the applicable Military Specification.
2. Metric dimensions (mm) are in parentheses.
3. Cable Entry 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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