

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



TAG® Rings
Backshells

CONNECTOR DESIGNATOR:

F

MIL-DTL-38999 Series I and II
40M38277, PAN 6433-1
PATT 614, PATT 616
NFC93422 Series HE308 and HE309

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Superseded PART NUMBER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

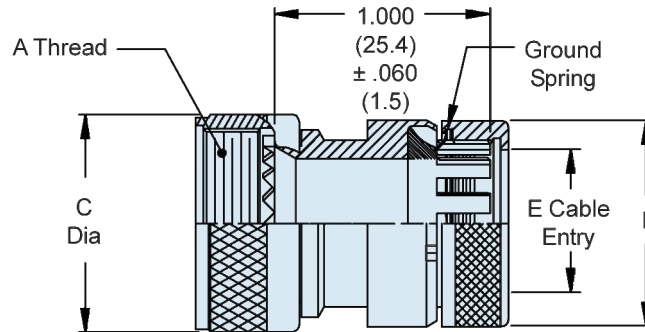


TABLE I: Clamp Size, Cable Range and Dimensions

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

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

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