AS85049/27 and M38999/1
Self-Locking and Non-Self-Locking E-Nut

CONNECTOR DESIGNATOR:	
F	MIL-DTL-27599, MIL-DTL-38999 Series I & II

Basic Part Number

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

M85049/27 **N** **10** **W**

- *S = Self-Locking*
- *N = Non-Detented*

Use Dash for Non-Self-Locking

Shell Size

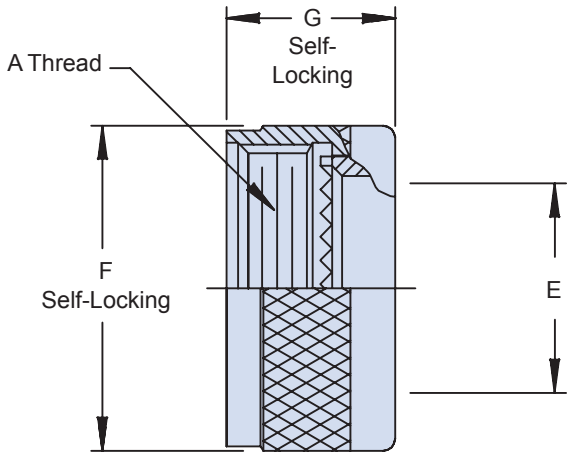

TABLE I: Shell Size, Thread and Dimensions

Shell Size	A Thread Class 2B	Ø E Max		Ø F Max		G Max	
08	.438 - 28 UNEF	.274	(7.0)	.859	(21.8)	.590	(15.0)
10	.562 - 24 UNEF	.412	(10.5)	.984	(25.0)	.590	(15.0)
12	.688 - 24 UNEF	.526	(13.4)	1.156	(29.4)	.590	(15.0)
14	.813 - 20 UNEF	.651	(16.5)	1.281	(32.5)	.590	(15.0)
16	.938 - 20 UNEF	.776	(19.7)	1.406	(35.7)	.590	(15.0)
18	1.063 - 18 UNEF	.882	(22.4)	1.516	(38.5)	.590	(15.0)
20	1.188 - 18 UNEF	1.006	(25.6)	1.641	(41.7)	.590	(15.0)
22	1.313 - 18 UNEF	1.132	(28.8)	1.766	(44.9)	.590	(15.0)
24	1.438 - 18 UNEF	1.257	(31.9)	1.891	(48.0)	.590	(15.0)

APPLICATION NOTES

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

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

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