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REV.
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AS85049™/63

FEDERAL SUPPLY CLASS
5935

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CLARIFY THE SAFETY WIRE HOLE REQUIREMENTS IN FIGURE 1 FOR THE NON-SELF-LOCKING COUPLING NUT CONFIGURATION.

AS85049/63E HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85049.

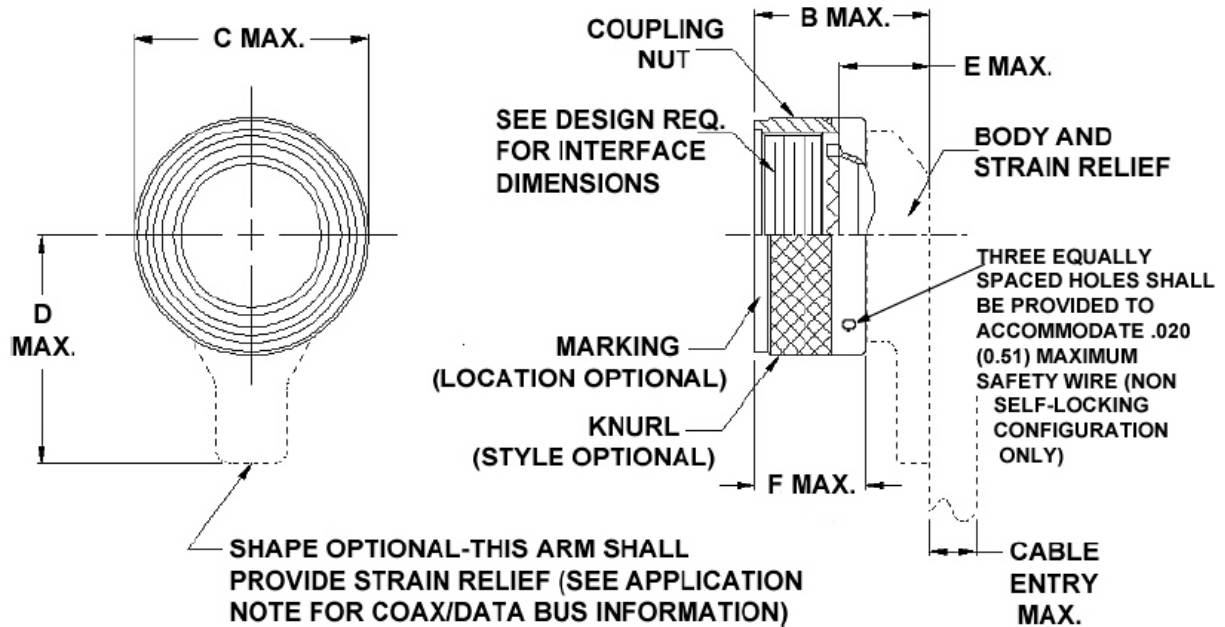
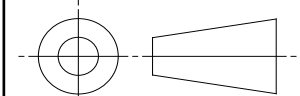


FIGURE 1 - DIMENSIONS AND CONFIGURATION (SELF-LOCKING AND NON-SELF-LOCKING)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/63E/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL,
STRAIN RELIEF, 90°, SELF-LOCKING AND
NON-SELF-LOCKING, CATEGORY 4C
(MIL-DTL-38999 SERIES I AND II CONNECTORS)

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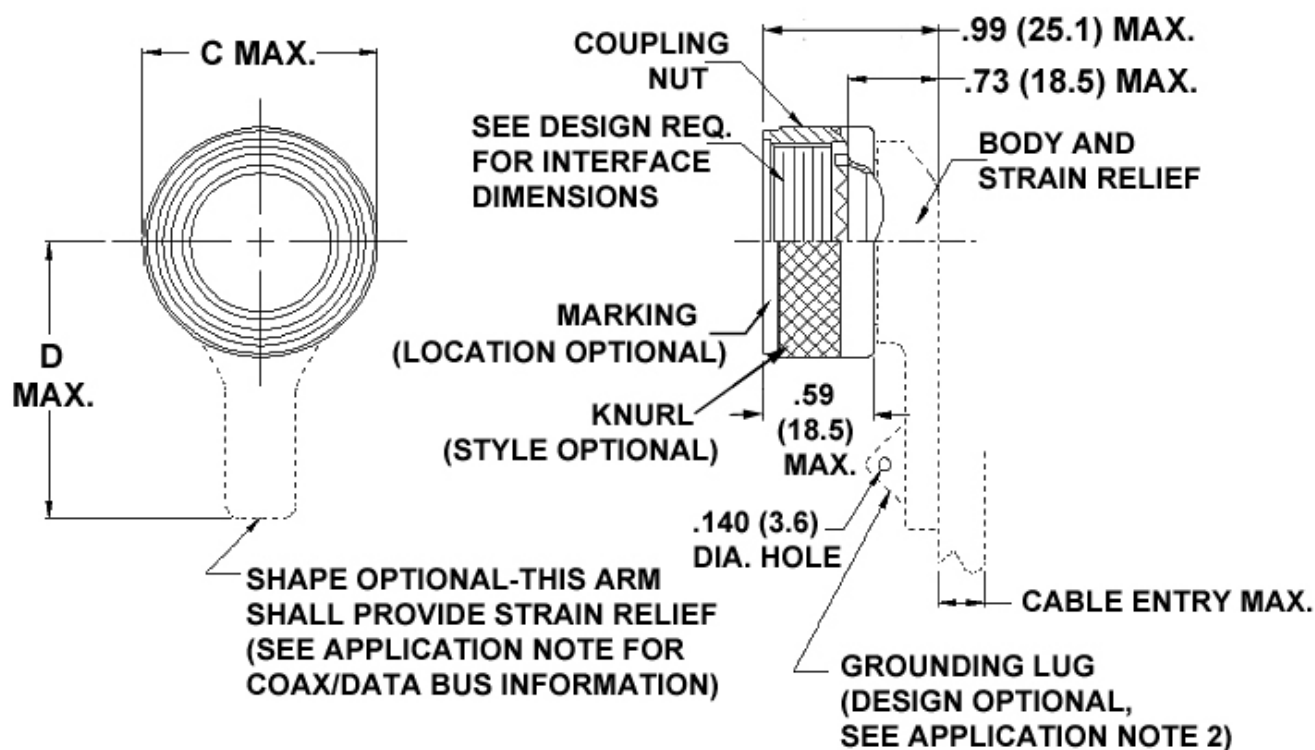


FIGURE 2 - DIMENSIONS AND CONFIGURATIONS (SELF-LOCKING ONLY WITH GROUNDING LUG)

TABLE 1 - FIGURE 1 AND 2 DASH NUMBER AND DIMENSIONS

DASH NUMBER	CONNECTOR SHELL SIZE		B MAX	C MAX		D MAX	E MAX	F MAX		CABLE ENTRY MAX
	SERIES II	SERIES I		SELF-LOCKING	NON-SELF-LOCKING			SELF-LOCKING	NON-SELF-LOCKING	
8	8	9	.99 (25.1)	.86 (21.8)	.75 (19.1)	1.22 (31.0)	.69 (17.5)	.590 (15.0)	.540 (13.7)	.264 (6.7)
10	10	11	.99 (25.1)	.98 (24.9)	.85 (21.6)	1.29 (32.8)	.69 (17.5)	.590 (15.0)	.540 (13.7)	.392 (10.0)
12	12	13	.99 (25.1)	1.16 (29.5)	1.00 (25.4)	1.62 (41.1)	.69 (17.5)	.590 (15.0)	.540 (13.7)	.506 (12.9)
14	14	15	.99 (25.1)	1.28 (32.5)	1.10 (27.9)	1.66 (42.2)	.70 (17.8)	.590 (15.0)	.540 (13.7)	.631 (16.0)
16	16	17	.99 (25.1)	1.41 (35.8)	1.25 (31.8)	1.72 (43.7)	.70 (17.8)	.590 (15.0)	.540 (13.7)	.756 (19.2)
18	18	19	.99 (25.1)	1.52 (38.6)	1.40 (35.6)	1.72 (43.7)	.73 (18.5)	.590 (15.0)	.540 (13.7)	.845 (21.5)
20	20	21	.99 (25.1)	1.64 (41.7)	1.50 (38.1)	1.79 (45.5)	.73 (18.5)	.590 (15.0)	.540 (13.7)	.970 (24.6)
22	22	23	.99 (25.1)	1.77 (45.0)	1.65 (41.9)	1.85 (47.0)	.73 (18.5)	.590 (15.0)	.540 (13.7)	1.095 (27.8)
24	24	25	.99 (25.1)	1.89 (48.0)	1.75 (44.5)	1.91 (48.5)	.73 (18.5)	.590 (15.0)	.540 (13.7)	1.220 (31.0)



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