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AS85049™/60

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO ADD THE APPLICABLE AS95234 CONNECTOR SPECIFICATION TO THE DOCUMENT TITLE AND TABLE 1, TO REPLACE SUPERSESSION IMAGES WITH WORD TEXT, AND TO UPDATE FINISH RESTRICTION FOOTNOTES.

NOTICE

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

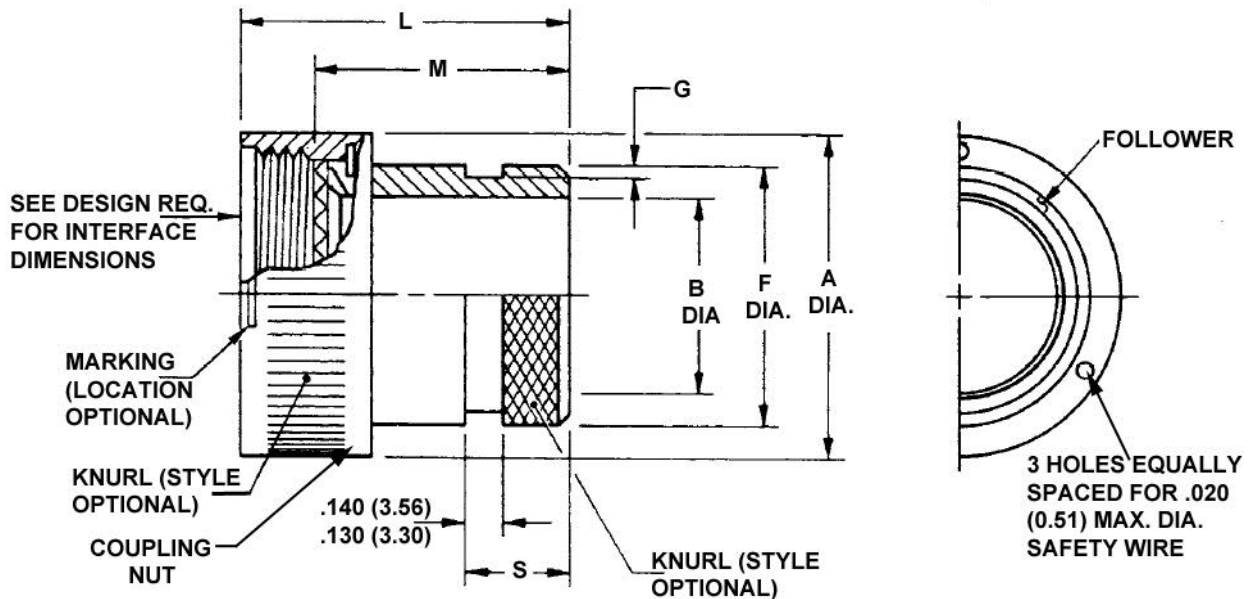
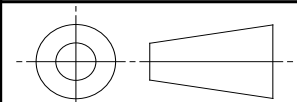


FIGURE 1 – ACCESSORY CONFIGURATION AND DIMENSIONS

For more information on this standard, visit

<https://www.sae.org/standards/content/AS85049/60D>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

(R) CONNECTOR, ACCESSORIES, ELECTRICAL, ADAPTER, SHRINK BOOT, CATEGORY 5 (FOR AS50151 CRIMP, AS95234, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

AS85049™/60
SHEET 1 OF 5

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Documents

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TABLE 1 – FIGURE 1 DASH NUMBERS AND DIMENSIONS

DASH NO.	FOR CONNECTOR SHELL SIZE (REF.)				A DIA.	F DIA.	G	L	M	S	B MIN DIA
	AS81703 SERIES 3	MIL-DTL-83723 SERIES III	AS95234 AS50151 CRIMP	MIL-DTL-26482 SERIES 2	+ .000 -.045 (1.14)	+ .000 -.020 (0.51)	+ .008 (0.20) - .000	MAX	MAX	± .031 (0.79)	
3	3				.669 (17.0)	.533 (13.5)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.250 (6.4)
8		8	8S	8	.617 (15.7)	.533 (13.5)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.250 (6.4)
10		10	10S, 10SL	10	.734 (18.6)	.605 (15.4)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.355 (9.0)
12	7	12	12S, 12	12	.858 (21.8)	.774 (19.7)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.491 (12.5)
14	12	14	14S, 14	14	.984 (25.0)	.838 (21.3)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.565 (14.4)
16	19	16	16S, 16	16	1.112 (28.2)	.963 (24.5)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.690 (17.5)
18	27	18	18	18	1.218 (30.9)	1.042 (26.5)	.044 (1.1)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.769 (19.5)
20	37	20	20	20	1.345 (34.2)	1.217 (30.9)	.069 (1.8)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	.894 (22.7)
22		22	22	22	1.468 (37.3)	1.355 (34.4)	.069 (1.8)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	1.019 (25.9)
24		24	24	24	1.593 (40.5)	1.443 (36.7)	.069 (1.8)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	1.134 (28.8)
28			28		1.969 (50.0)	1.709 (43.4)	.069 (1.8)	1.511 (38.4)	.994 (25.2)	.406 (10.3)	1.369 (34.8)
32			32		2.219 (56.4)	1.919 (48.7)	.086 (2.2)	1.511 (38.4)	.994 (25.2)	.563 (14.3)	1.615 (41.0)
36			36		2.469 (62.7)	2.169 (55.1)	.086 (2.2)	1.511 (38.4)	.994 (25.2)	.563 (14.3)	1.830 (46.5)
40			40		2.719 (69.1)	2.402 (61.0)	.086 (2.2)	1.511 (38.4)	.994 (25.2)	.563 (14.3)	2.045 (51.9)
44			44		2.969 (75.4)	2.657 (67.5)	.086 (2.2)	1.511 (38.4)	.994 (25.2)	.563 (14.3)	2.300 (58.4)
48			48		3.219 (81.8)	2.907 (73.8)	.086 (2.2)	1.511 (38.4)	.994 (25.2)	.563 (14.3)	2.550 (64.8)
61	61				1.653 (42.0)	1.529 (38.8)	.069 (1.8)	1.187 (30.1)	.832 (21.1)	.406 (10.3)	1.174 (29.8)

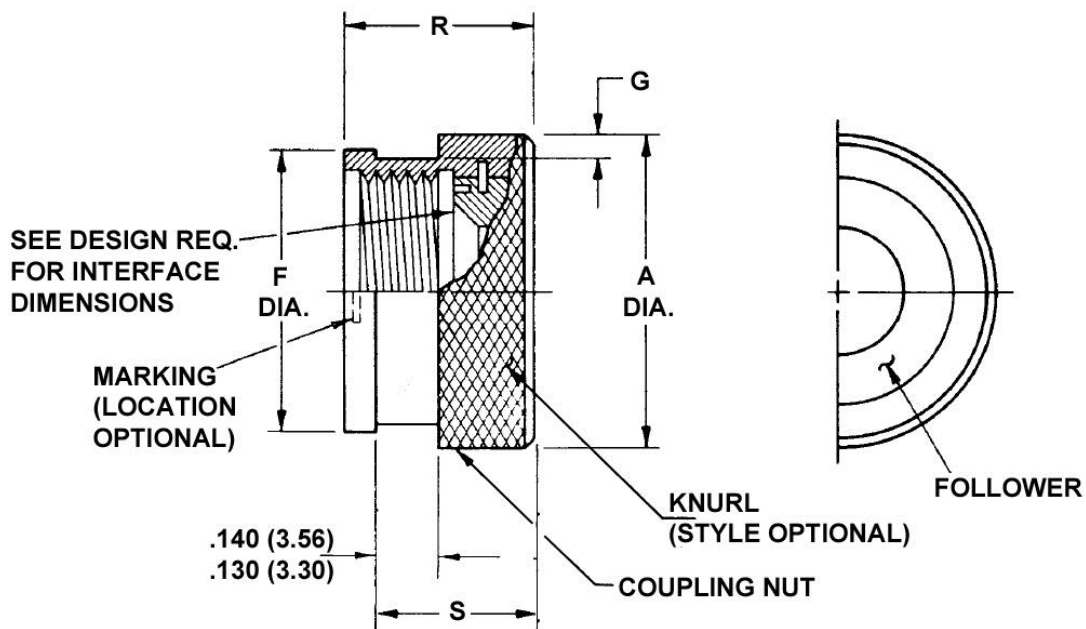


FIGURE 2 – ACCESSORY CONFIGURATION AND DIMENSIONS

	AEROSPACE STANDARD	AS85049™/60 SHEET 2 OF 5	REV. D
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