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AS85049™/26

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO IMPROVE DRAWINGS, MOVE NOTES TO DESIGN PARAGRAPH TO FOLLOW C1 AS STANDARD FORMAT, UPDATE RESTRICTIONS, REPLACE PART NUMBER IMAGE WITH WORD FORMAT TEXT, AND UPDATE DOCUMENT FORMAT TO LATEST SAE GUIDELINES.

NOTICE

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

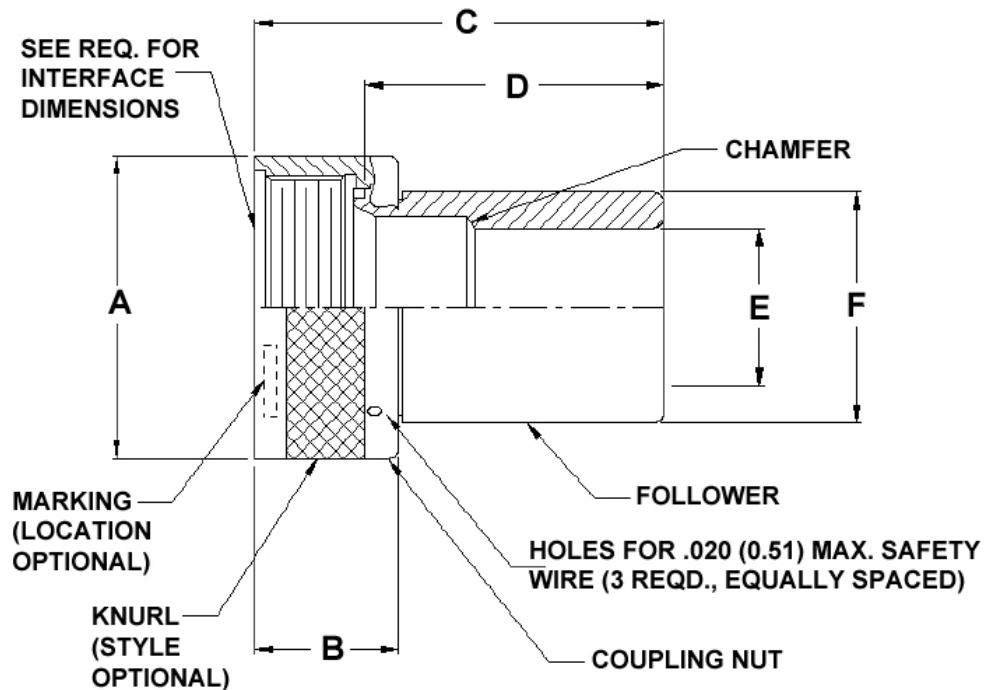
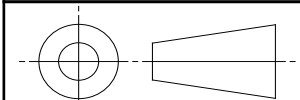


FIGURE 1 – ACCESSORY CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/26C/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

(R) CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, NON-ENVIRONMENTAL, STRAIGHT, SHIELD TERMINATION, CATEGORY 3B (FOR AS50151 CRIMP, AS95234, MIL-DTL-26482 SERIES 2, AS81703 SERIES 3 AND MIL-DTL-83723 SERIES III CONNECTORS)

AS85049™/26
SHEET 1 OF 6

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TABLE 1 - FIGURE 1 DIMENSIONS

DASH NUMBER	FOR CONNECTOR SHELL SIZE (REF)			MIL-DTL-83723 SERIES III	M85049/26-2 RING, SHIELD CRIMP (REF)
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	AS50151 CRIMP, AS95234		
-3	3	--	--	--	-8
-8	--	8	8S	8	-8
-10	--	10	10S, 10SL	10	-10
-12	7	12	12S & 12	12	-12
-14	12	14	14S & 14	14	-14
-16	19	16	16S & 16	16	-16
-18	27	18	18	18	-18
-20	37	20	20	20	-20
-22	--	22	22	22	-22
-24	--	24	24	24	-24
-28	--	--	28	--	-28
-32	--	--	32	--	-32
-36	--	--	36	--	-36
-40	--	--	40	--	-40
-44	--	--	44	--	-44
-48	--	--	48	--	-46
-61	61	--	--	--	-61

TABLE 1 - FIGURE 1 DIMENSIONS (CONTINUED)

DASH NUMBER	A ±.031 DIA.	B +.000/- .062 DIM.	C MAX DIM.	D ±.031 DIM.	E ±.015 DIA.	F ±.010 DIA.
-3	.669 (17.0)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.250 (6.4)	.337 (8.6)
-8	.617 (15.7)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.250 (6.4)	.337 (8.6)
-10	.734 (18.6)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.325 (8.3)	.488 (12.4)
-12	.858 (21.8)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.420 (10.7)	.500 (12.7)
-14	.984 (25.0)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.540 (13.7)	.620 (15.7)
-16	1.112 (28.2)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.670 (17.0)	.750 (19.1)
-18	1.218 (30.9)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.789 (20.0)	.880 (22.4)
-20	1.345 (34.2)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	.914 (23.2)	1.000 (25.4)
-22	1.468 (37.3)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	1.039 (26.4)	1.120 (28.4)
-24	1.593 (40.5)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	1.112 (28.2)	1.192 (30.3)
-28	1.969 (50.0)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	1.389 (35.3)	1.545 (39.2)
-32	2.219 (56.4)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	1.635 (41.5)	1.795 (45.6)
-36	2.469 (62.7)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	1.850 (47.0)	2.045 (51.9)
-40	2.719 (69.1)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	2.065 (52.5)	2.295 (58.3)
-44	2.969 (75.4)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	2.320 (58.9)	2.545 (64.6)
-48	3.219 (81.8)	.702 (17.8)	1.439 (36.6)	.926 (23.5)	2.570 (65.3)	2.795 (71.0)
-61	1.653 (42.0)	.540 (13.7)	1.277 (32.4)	.926 (23.5)	1.210 (30.7)	1.359 (34.5)



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AS85049™/26
SHEET 2 OF 6

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