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REV.
F

AS85049™/52

FEDERAL SUPPLY CLASS
5935

RATIONALE

TO CORRECT DIMENSION W TO SHOW THE DIMENSION FROM THE BASE OF THE SCREW HEAD TO THE END OF THE SCREW AND TO CHANGE THE PART NUMBER EXAMPLE CONFIGURATION SECTION TO REMOVE THE WORD "DASH."

AS85049/52F 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. AS85049/118 IS RECOMMENDED FOR NEW DESIGN.

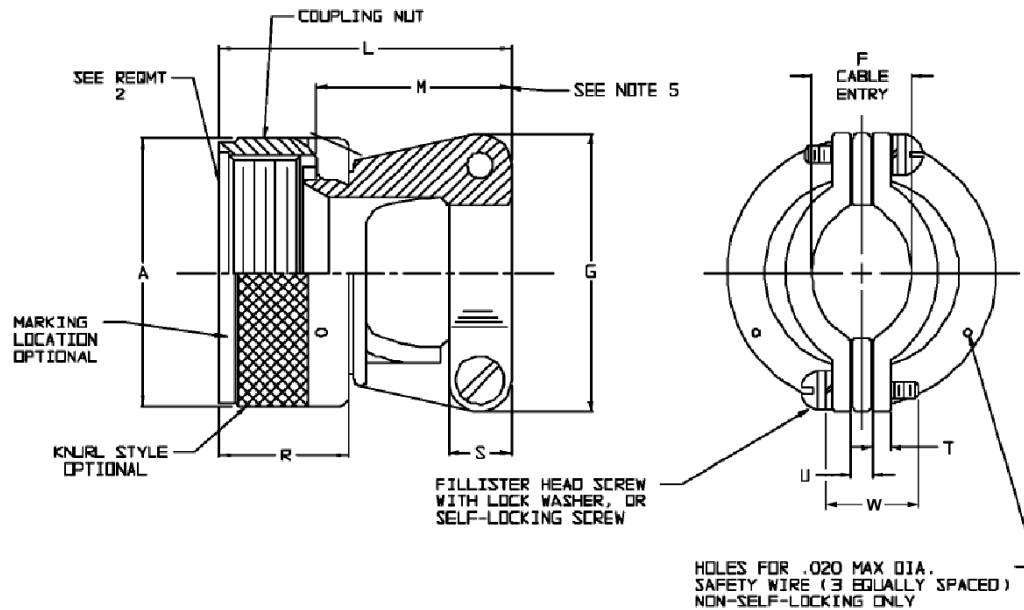
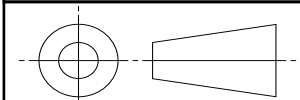


**FIGURE 1 - ACCESSORY CONFIGURATION AND DIMENSIONS
(NON-SELF-LOCKING OR SELF-LOCKING COUPLING)**

For more information on this standard, visit

<https://www.sae.org/standards/content/AS85049/52F/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF,
NONENVIRONMENTAL, SELF-LOCKING AND NON-SELF-LOCKING,
STRAIGHT, CATEGORY 4B (FOR AS50151 CRIMP, AS95234, MIL-DTL-26482)
SERIES 2, AS81703 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTOR

AS85049™/52
SHEET 1 OF 6

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TABLE 1A - DIMENSIONS (NON-SELF-LOCKING ONLY)

DASH NUMBER	FOR CONNECTOR SHELL SIZE (REF)				NON-SELF-LOCKING			
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	AS50151 CRIMP, AS95234	MIL-DTL-83723 SERIES III	A MAX DIA	L ±.062	M MAX (SEE FIGURE 1)	R MAX
-3	3	--	--	--	.669 (16.99)	.890 (22.61)	.63 (16.0)	.540 (13.72)
-8	--	8	8S	8	.617 (15.67)	.890 (22.61)	.63 (16.0)	
-10		10	10S, 10SL	10	.734 (18.64)	1.000 (25.40)	.74 (18.8)	
-12	7	12	12S, 12	12	.858 (21.79)	1.125 (28.58)	.86 (21.8)	
-14	12	14	14S, 14	14	.984 (24.99)	1.125 (28.58)	.86 (21.8)	
-16	19	16	16S, 16	16	1.112 (28.24)	1.250 (31.75)	.99 (25.2)	
-18	27	18	18	18	1.218 (30.94)	1.500 (38.10)	1.24 (31.5)	
-20	37	20	20	20	1.345 (34.16)	1.625 (41.28)	1.36 (34.5)	
-22	--	22	22	22	1.468 (37.29)	1.750 (44.45)	1.49 (37.8)	
-24		24	24	24	1.593 (40.46)	1.875 (47.63)	1.61 (40.9)	
-28		--	28	--	1.969 (50.01)	2.187 (55.55)	1.76 (44.7)	.702 (17.83)
-32			32		2.219 (56.36)	2.375 (60.33)	1.95 (49.5)	
-36			36		2.469 (62.71)	2.750 (69.85)	2.33 (59.2)	
-40			40		2.719 (69.06)	2.938 (74.63)	2.51 (63.8)	
-44			44		2.969 (75.41)	3.312 (84.12)	2.89 (73.4)	
-48			48		3.219 (81.76)	3.687 (93.65)	3.26 (82.8)	
-61	61		--		1.653 (41.99)	1.875 (47.63)	1.61 (40.9)	.540 (13.72)



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