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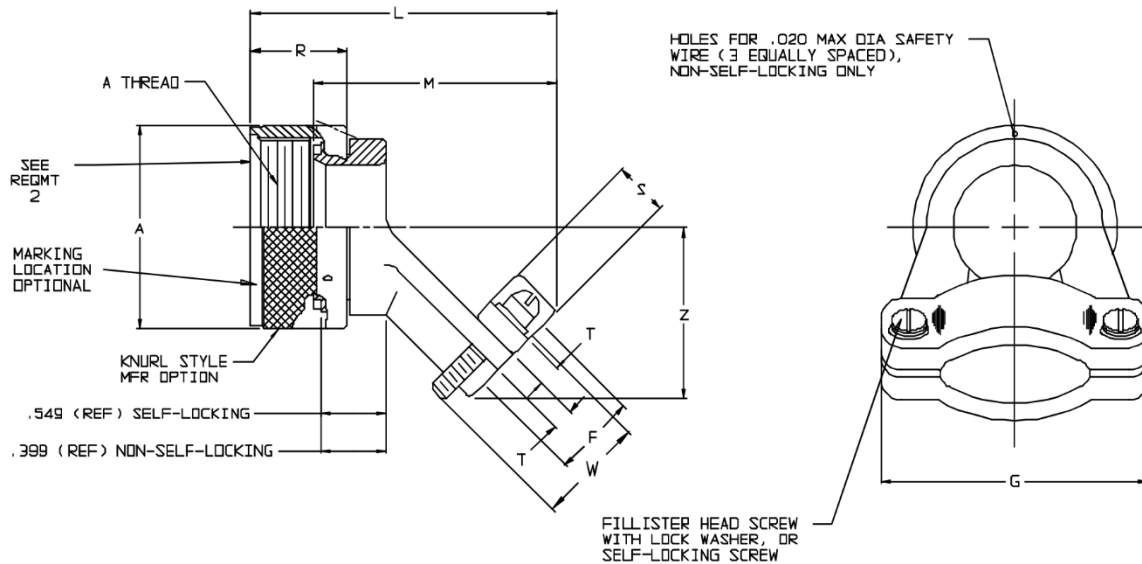
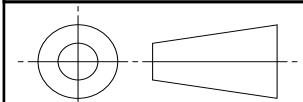


**FIGURE 1 - CONFIGURATION AND DIMENSIONS
SELF-LOCKING AND NON-SELF-LOCKING**

For more information on this standard, visit
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, STRAIN RELIEF,
NON-ENVIRONMENTAL, SELF-LOCKING AND NON-SELF-LOCKING, 45°,
CATEGORY 4B (FOR MIL-DTL-5015 CRIMP, MIL-DTL-26482 SERIES 2,
AS18703 SERIES 3, AND MIL-DTL-83723 SERIES III CONNECTORS)

AS85049™/43
SHEET 1 OF 4

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Documents

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

DASH NO.	FOR CONNECTOR SHELL SIZE (REF)				NON-SELF-LOCKING			
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SERIES III	A MAX DIA	L MAX CLOSED	M MAX	R MAX
-3	3	--	--	--	.669 (16.99)	1.490 (37.85)	1.160 (29.46)	.540 (13.72)
-8	--	8	8S	8	.617 (15.67)	1.490 (37.85)	1.160 (29.46)	.540 (13.72)
-10	--	10	10S, 10SL	10	.734 (18.64)	1.534 (38.96)	1.204 (30.58)	.540 (13.72)
-12	7	12	12S, 12	12	.858 (21.79)	1.608 (40.84)	1.278 (32.46)	.540 (13.72)
-14	12	14	14S, 14	14	.984 (24.99)	1.650 (41.91)	1.320 (33.53)	.540 (13.72)
-16	19	16	16S, 16	16	1.112 (28.24)	1.756 (44.60)	1.426 (36.22)	.540 (13.72)
-18	27	18	18	18	1.218 (30.94)	1.874 (47.60)	1.544 (39.22)	.540 (13.72)
-20	37	20	20	20	1.345 (34.16)	1.918 (48.72)	1.588 (40.34)	.540 (13.72)
-22	--	22	22	22	1.468 (37.29)	1.962 (49.83)	1.632 (41.45)	.540 (13.72)
-24	--	24	24	24	1.593 (40.46)	2.006 (50.95)	1.676 (42.57)	.540 (13.72)
-28	--	--	28	--	1.969 (50.01)	2.301 (58.45)	1.801 (45.75)	.702 (17.83)
-32	--	--	32	--	2.219 (56.36)	2.389 (60.68)	1.889 (47.98)	.702 (17.83)
-36	--	--	36	--	2.469 (62.71)	2.433 (61.80)	1.933 (49.10)	.702 (17.83)
-40	--	--	40	--	2.719 (69.06)	2.434 (61.82)	1.934 (49.12)	.702 (17.83)
-44	--	--	44	--	2.969 (75.41)	2.700 (68.58)	2.200 (55.88)	.702 (17.83)
-48	--	--	48	--	3.219 (81.76)	2.788 (70.82)	2.288 (58.12)	.702 (17.83)
-61	61	--	--	--	1.653 (41.99)	2.006 (50.95)	1.676 (42.57)	.540 (13.72)

TABLE 1B - DIMENSIONS (SELF-LOCKING ONLY)

DASH NO.	FOR CONNECTOR SHELL SIZE (REF)				SELF-LOCKING			
	AS81703 SERIES 3	MIL-DTL-26482 SERIES 2	MIL-DTL-5015 CRIMP	MIL-DTL-83723 SERIES III	A MAX DIA	L MAX CLOSED	M MAX	R MAX
-3 1/	3	--	--	--	--	--	--	--
-8	--	8	8S	8	.885 (22.48)	1.650 (41.91)	1.320 (33.53)	.710 (18.03)
-10	--	10	10S, 10SL	10	1.010 (25.65)	1.694 (43.03)	1.364 (34.65)	.710 (18.03)
-12	7	12	12S, 12	12	1.135 (28.83)	1.768 (44.91)	1.438 (36.53)	.710 (18.03)
-14	12	14	14S, 14	14	1.260 (32.00)	1.810 (45.97)	1.480 (37.59)	.710 (18.03)
-16	19	16	16S, 16	16	1.385 (35.18)	1.916 (48.67)	1.586 (40.28)	.710 (18.03)
-18	27	18	18	18	1.510 (38.35)	2.034 (51.67)	1.704 (43.28)	.710 (18.03)
-20	37	20	20	20	1.635 (41.53)	2.078 (52.78)	1.748 (44.40)	.710 (18.03)
-22	--	22	22	22	1.760 (44.70)	2.122 (53.90)	1.792 (45.52)	.710 (18.03)
-24	--	24	24	24	1.885 (47.88)	2.166 (55.02)	1.836 (46.63)	.710 (18.03)
-28	--	--	28	--	2.135 (54.23)	2.461 (62.51)	1.961 (49.81)	.890 (22.61)
-32	--	--	32	--	2.395 (60.83)	2.549 (64.74)	2.049 (52.04)	.890 (22.61)
-36	--	--	36	--	2.635 (66.93)	2.593 (65.86)	2.093 (53.16)	.890 (22.61)
-40	--	--	40	--	2.885 (73.28)	2.599 (66.01)	2.094 (53.19)	.890 (22.61)
-44	--	--	44	--	3.135 (79.63)	2.860 (72.64)	2.360 (59.94)	.890 (22.61)
-48	--	--	48	--	3.385 (85.98)	2.948 (74.88)	2.448 (62.18)	.890 (22.61)
-61 1/	61	--	--	--	--	--	--	--

1/ NOT AVAILABLE ON SELF-LOCKING CONFIGURATION.