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REV.
C

AS85049™/95

FEDERAL SUPPLY CLASS
5935

RATIONALE

AS85049/95C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE LATEST ISSUE OF SAE AS85049.

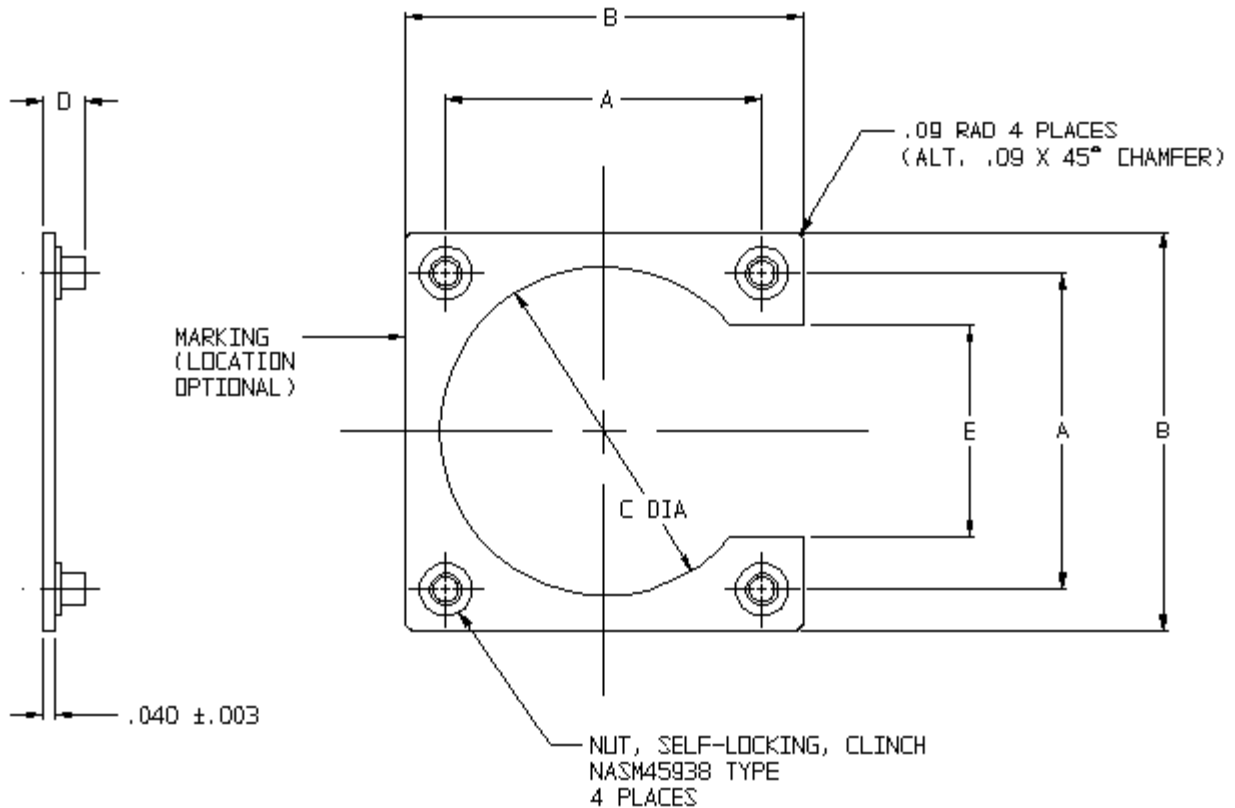
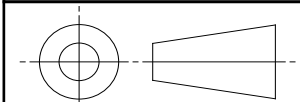


FIGURE 1 – CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/95C>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL,
MOUNTING DEVICE, FLANGE TYPE,
CATEGORY 7, 3/4 PERIMETER

AS85049™/95
SHEET 1 OF 5

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Documents

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TABLE 1 - DIMENSIONS

DASH NUMBER	CLASS	THRD UNJC -3B	A ± .005 1/	B MAX 1/	C ± .015	D	E ± .030 1/
3	A	4-40	.625 (15.88)	.940 (23.88)	.641 (16.28)	.106 (2.69) .166 (4.22)	.325 (8.26)
7	A	4-40	.719 (18.26)	1.034 (26.26)	.688 (17.48)	.106 (2.69) .166 (4.22)	.433 (11.00)
8	A	4-40	.594 (15.09)	.900 (22.86)	.570 (14.48)	.106 (2.69) .166 (4.22)	.308 (7.82)
10	A	4-40	.719 (18.26)	1.034 (26.26)	.720 (18.29)	.106 (2.69) .166 (4.22)	.433 (11.00)
	B	6-32	.812 (20.62)	1.202 (30.53)	.749 (19.02)	.123 (3.12) .183 (4.65)	
12	A	4-40	.812 (20.62)	1.119 (28.42)	.855 (21.72)	.106 (2.69) .166 (4.22)	.530 (13.46)
	B	6-32	.938 (23.83)	1.327 (33.71)	.938 (23.83)	.123 (3.12) .183 (4.65)	
14	A	4-40	.906 (23.01)	1.213 (30.81)	.984 (24.99)	.106 (2.69) .166 (4.22)	.624 (15.85)
	B	6-32	1.031 (26.19)	1.421 (36.09)	1.031 (26.19)	.123 (3.12) .183 (4.65)	
16	A	4-40	.969 (24.61)	1.295 (32.89)	1.094 (27.79)	.106 (2.69) .166 (4.22)	.687 (17.45)
	B	6-32	1.125 (28.58)	1.515 (38.48)	1.125 (28.58)	.123 (3.12) .183 (4.65)	
18	A	4-40	1.062 (26.97)	1.421 (36.09)	1.220 (30.99)	.106 (2.69) .166 (4.22)	.780 (19.81)
	B	6-32	1.203 (30.56)	1.593 (40.46)	1.234 (31.34)	.123 (3.12) .183 (4.65)	
19	A	4-40	.906 (23.01)	1.207 (30.66)	.953 (24.21)	.106 (2.69) .166 (4.22)	.620 (15.75)
20	A	4-40	1.156 (29.36)	1.550 (39.37)	1.345 (34.16)	.106 (2.69) .166 (4.22)	.874 (22.20)
	B	6-32	1.297 (32.94)	1.703 (43.26)	1.359 (34.52)	.123 (3.12) .183 (4.65)	.865 (21.97)
22	A	4-40	1.250 (31.75)	1.680 (42.67)	1.478 (37.54)	.106 (2.69) .166 (4.22)	.968 (24.59)
	B	6-32	1.375 (34.93)	1.753 (44.53)	1.483 (37.67)	.123 (3.12) .183 (4.65)	.907 (23.04)
24	A	6-32	1.500 (38.10)	1.906 (48.41)	1.560 (39.62)	.106 (2.69) .166 (4.22)	1.000 (25.40)
	B	6-32	1.375 (34.93)	1.800 (45.72)	1.595 (40.51)	.123 (3.12) .183 (4.65)	1.031 (26.19)
25	A	6-32	1.500 (38.10)	1.906 (48.41)	1.658 (42.11)	.123 (3.12) .183 (4.65)	1.125 (28.58)
27	A	4-40	.969 (24.61)	1.270 (32.26)	1.094 (27.79)	.106 (2.69) .166 (4.22)	.683 (17.35)
28	A	6-32	1.562 (39.67)	2.015 (51.18)	1.820 (46.23)	.123 (3.12) .183 (4.65)	1.125 (28.58)
32	A	6-32	1.750 (44.45)	2.327 (59.11)	2.062 (52.37)	.123 (3.12) .183 (4.65)	1.188 (30.18)
36	A	6-32	1.938 (49.23)	2.515 (63.88)	2.312 (58.72)	.123 (3.12) .183 (4.65)	1.375 (34.93)
37	A	4-40	1.187 (30.15)	1.515 (38.48)	1.281 (32.54)	.106 (2.69) .166 (4.22)	.874 (22.20)
61	A	4-40	1.437 (36.50)	1.827 (46.41)	1.594 (40.49)	.106 (2.69) .166 (4.22)	1.062 (40.69)
1/ DIMENSIONS A, B AND E SHALL BE MEASURED WITH THE MOUNTING FLANGE IN THE RESTRAINED STATE							



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL,
MOUNTING DEVICE, FLANGE TYPE,
CATEGORY 7, 3/4 PERIMETER

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