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REV.
B

AS85049™/150

RATIONALE

DIMENSIONAL ERROR CORRECTIONS ARE REQUIRED TO ALIGN THIS DETAIL SPECIFICATION WITH ACTUAL PARTS IN PRODUCTION. V AND VS PLATING PROVISIONS ARE ADDED.

NOTICE

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

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FEDERAL SUPPLY CLASS
5935

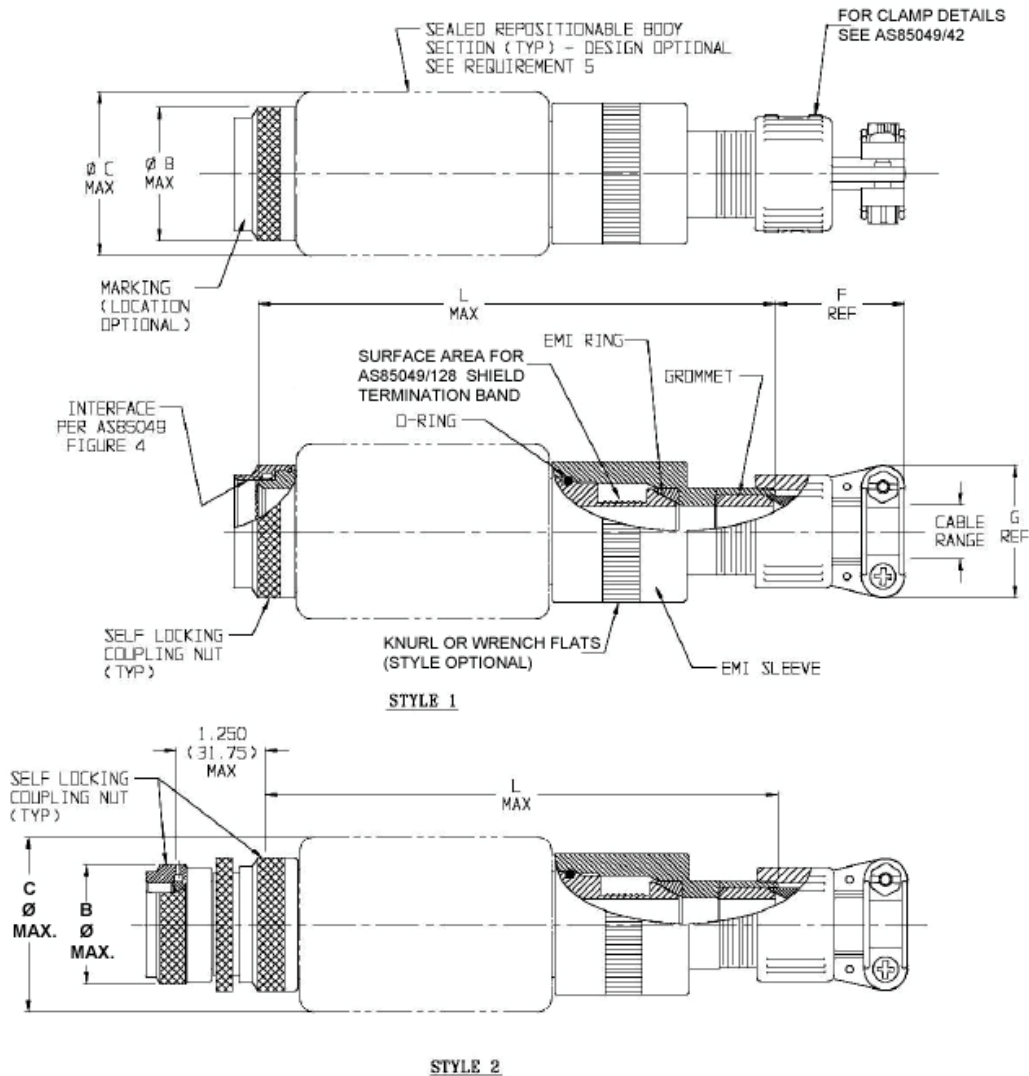
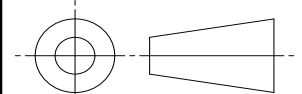


FIGURE 1 - CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/150B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
REPOSITIONABLE TO STRAIGHT, 45° AND 90°, ENVIRONMENTAL,
CABLE SEALING, SHIELD TERMINATION, CATEGORY 1A,
(FOR MIL-DTL-83723 SERIES III, AS50151 CRIMP, AS81703
SERIES 3, MIL-DTL-26482 SERIES 2, AND AS95234 CONNECTORS)

AS85049™/150
SHEET 1 OF 7

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Documents

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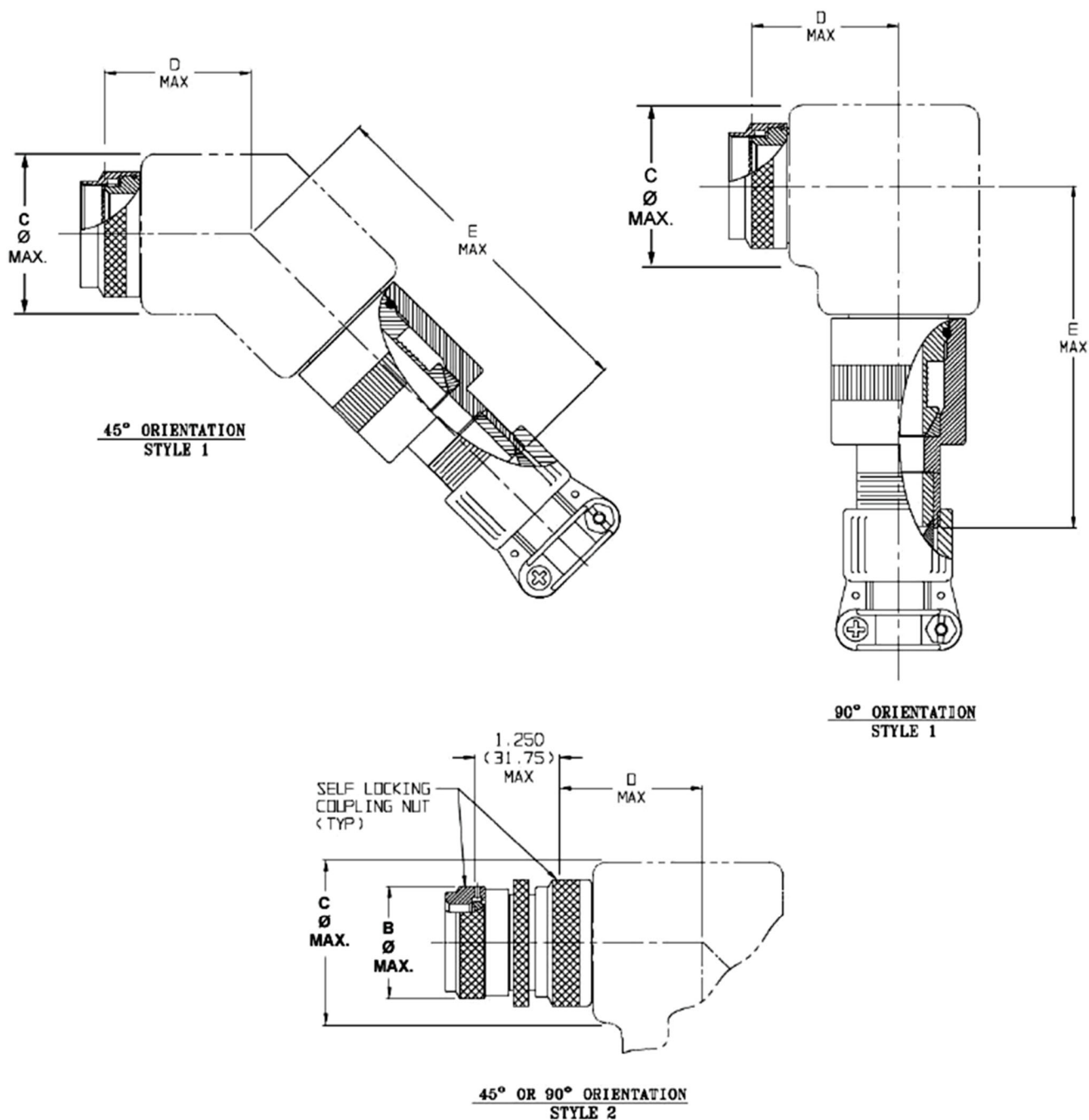


FIGURE 1 - CONFIGURATION AND DIMENSIONS (CONTINUED)

	AEROSPACE STANDARD		AS85049™/150 SHEET 2 OF 7	REV. B
	CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL, REPOSITIONABLE TO STRAIGHT, 45° AND 90°, ENVIRONMENTAL, CABLE SEALING, SHIELD TERMINATION, CATEGORY 1A, (FOR MIL-DTL-83723 SERIES III, AS50151 CRIMP, AS81703 SERIES 3, MIL-DTL-26482 SERIES 2, AND AS95234 CONNECTORS)			



Documents

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TABLE 1 - DIMENSIONS

DASH NUMBER	CONNECTOR SHELL SIZE				CLAMP SIZE (REF)	CABLE RANGE		STYLE 1 OR 2	B DIA MAX	C DIA MAX
	AS81703 SERIES 3	MIL-DTL- 26482 SERIES 2	AS95234 AS50151 CRIMP	MIL-DTL- 83723 SERIES III		MIN	MAX			
1	N/A	10	10S, 10SL	10	4	.125 (3.18)	.312 (7.92)	1	1.058 (26.87)	1.429 (36.30)
2					6	.250 (6.35)	.375 (9.53)	1	1.058 (26.87)	1.429 (36.30)
3					6	.250 (6.35)	.437 (11.10)	2	1.058 (26.87)	1.564 (39.73)
4	7	12	12, 12S	12	4	.125 (3.18)	.312 (7.92)	1	1.180 (29.97)	1.564 (39.73)
5					6	.250 (6.35)	.437 (11.10)	1	1.180 (29.97)	1.564 (39.73)
6					8	.312 (7.92)	.500 (12.70)	1	1.180 (29.97)	1.564 (39.73)
7					10	.375 (9.53)	.625 (15.88)	2	1.180 (29.97)	1.709 (43.41)
8	12	14	14, 14S	14	4	.125 (3.18)	.312 (7.92)	1	1.308 (33.22)	1.709 (43.41)
9					6	.250 (6.35)	.437 (11.10)	1	1.308 (33.22)	1.709 (43.41)
10					10	.375 (9.53)	.575 (14.61)	1	1.308 (33.22)	1.709 (43.41)
11					12	.500 (12.70)	.750 (19.05)	2	1.308 (33.22)	1.938 (49.23)
12	19	16	16, 16S	16	4	.125 (3.18)	.312 (7.92)	1	1.430 (36.32)	1.806 (45.87)
13					6	.250 (6.35)	.437 (11.10)	1	1.430 (36.32)	1.806 (45.87)
14					10	.375 (9.53)	.625 (15.88)	1	1.430 (36.32)	1.806 (45.87)
15					12	.500 (12.70)	.700 (17.78)	1	1.430 (36.32)	1.806 (45.87)
16					16	.625 (15.88)	.937 (23.80)	2	1.430 (36.32)	2.135 (54.23)
17	27	18	18	18	4	.125 (3.18)	.312 (7.92)	1	1.560 (39.62)	1.938 (49.23)
18					6	.250 (6.35)	.437 (11.10)	1	1.560 (39.62)	1.938 (49.23)
19					10	.375 (9.53)	.625 (15.88)	1	1.560 (39.62)	1.938 (49.23)
20					12	.500 (12.70)	.750 (19.05)	1	1.560 (39.62)	1.938 (49.23)
21					16	.625 (15.88)	.779 (19.79)	1	1.560 (39.62)	1.938 (49.23)
22					16	.625 (15.88)	.937 (23.80)	2	1.560 (39.62)	2.135 (54.23)
23	37	20	20	20	6	.250 (6.35)	.437 (11.10)	1	1.650 (41.91)	2.036 (51.71)
24					10	.375 (9.53)	.625 (15.88)	1	1.650 (41.91)	2.036 (51.71)
25					12	.500 (12.70)	.750 (19.05)	1	1.650 (41.91)	2.036 (51.71)
26					16	.625 (15.88)	.904 (22.96)	1	1.650 (41.91)	2.036 (51.71)
27	N/A	22	22	22	4	.125 (3.18)	.312 (7.92)	1	1.745 (44.32)	2.135 (54.23)
28					6	.250 (6.35)	.437 (11.10)	1	1.745 (44.32)	2.135 (54.23)
29					10	.375 (9.53)	.625 (15.88)	1	1.745 (44.32)	2.135 (54.23)
30					12	.500 (12.70)	.750 (19.05)	1	1.745 (44.32)	2.135 (54.23)
31					16	.625 (15.88)	.937 (23.80)	1	1.745 (44.32)	2.135 (54.23)
32					20	.875 (22.23)	1.029 (26.14)	1	1.745 (44.32)	2.135 (54.23)
33					20	.875 (22.23)	1.250 (31.75)	2	1.745 (44.32)	2.504 (63.60)

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