

REV.
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AS85049™/136

RATIONALE

SAE FIVE-YEAR REVIEW CORRECTION.

NOTICE

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

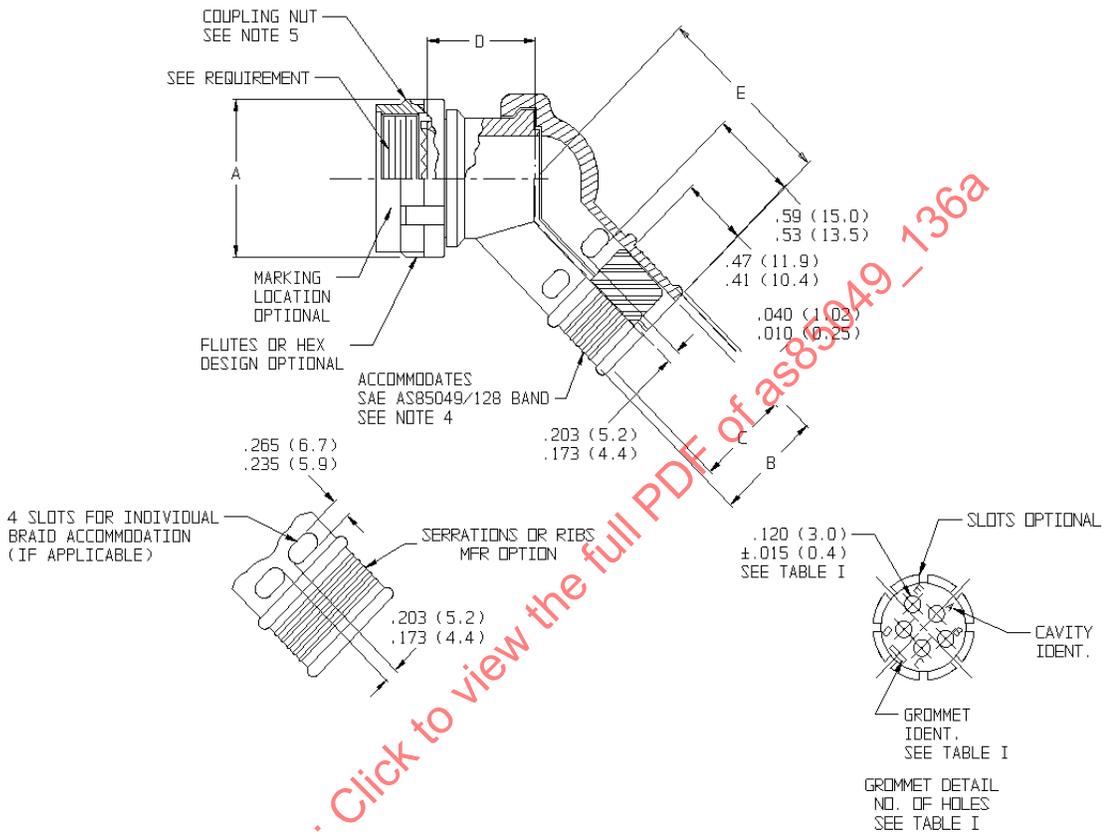
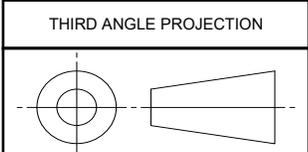


FIGURE 1 - CONFIGURATION AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/136A/>



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD
CONNECTOR ACCESSORIES, FIBER OPTIC
BACKSHELL, SPLIT, 45 DEGREES, SELF-LOCKING
CATEGORY 3B FOR MIL-DTL-38999 SERIES III
AND AS5590/1 CONNECTORS

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SHEET 1 OF 3

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TABLE 1 - SHELL SIZE AND DIMENSIONS

SHELL SIZE	SHELL SIZE CODE (REF)	ARRANGEMENT NUMBER	A MAX DIA	B ±.03 (±0.8) DIA	C ±.03 (±0.8) DIA	D MAX DIM	E MAX DIM	GROMMET IDENT	NUMBER GROMMET HOLES
09	A	-1	.86 (21.8)	.63 (16.0)	.47 (11.9)	1.03 (26.2)	1.405 (35.69)	9- 1	1
		-2						9- 2	2
11	B	-2	.98 (24.9)	.63 (16.0)	.47 (11.9)	1.10 (27.9)	1.435 (36.45)	11- 2	2
		-4						11- 4	4
13	C	-4	1.16 (29.5)	.87 (22.1)	.71 (18.0)	1.16 (29.5)	1.465 (37.21)	13- 4	4
		-5						13- 5	5
15	D	-5	1.28 (32.5)	.87 (22.1)	.71 (18.0)	1.22 (31.0)	1.485 (37.72)	15- 5	5
		-6						15- 6	6
17	E	-6	1.41 (35.8)	1.17 (29.7)	1.01 (25.7)	1.31 (33.3)	1.515 (38.48)	17- 6	6
		-8						17- 8	8
19	F	-11	1.52 (38.6)	1.17 (29.7)	1.01 (25.7)	1.37 (34.8)	1.535 (38.99)	19-11	11
		-12						19-12	12
21	G	-16	1.64 (41.7)	1.42 (36.1)	1.26 (32.0)	1.37 (34.8)	1.565 (39.75)	21-16	16
		-21						21-21	21
23	H	-21	1.77 (45.0)	1.73 (43.9)	1.57 (39.9)	1.44 (36.6)	1.595 (40.51)	23-21	21
		-25						23-25	25
25	J	-29	1.89 (48.0)	1.73 (43.9)	1.57 (39.9)	1.56 (39.6)	1.615 (41.02)	25-29	29
		-37						25-37	37

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS IN PARENTHESES ARE FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1.000 INCH (25.40 MM).
- DIMENSIONS APPLY AFTER PLATING. ACCESSORY CONFIGURATION IS OPTIONAL WITHIN THE DIMENSION ENVELOPE SPECIFIED IN FIGURE 1 AND TABLE 1.
- ADAPTER LENGTH IS MEASURED FROM THE BOTTOM OF THE ACCESSORY TEETH TO THE SPLIT CENTERLINE OF THE ELBOW.
- SPLIT SECTION RETENTION, GROMMET COMPRESSION, AND TERMINATION OF OVERALL/INDIVIDUAL BRAID (AS APPLICABLE) ACCOMPLISHED BY INSTALLING AS85049/128 BAND.
- PART SUPPLIED WITH STANDARD DETENTED SELF-LOCKING WHICH PROVIDES A POSITIVE AUDIBLE DETENTED COUPLING. OPTION 'N' IS A NON-DETENTED SELF-LOCKING COUPLING.
- NUMBER OF FILLER PLUGS SUPPLIED: ARRANGEMENT; -1 & -2 = 0 EA, -4, -5, -6, & -8 = 1 EA, -11, -12, & -16 = 2 EA, -21, -25, & -29 = 3 EA, & -37 = 4 EA. FOR ADDITIONAL FILLER PLUGS, REFER TO AS85049/134.

REQUIREMENTS:

- DESIGN AND CONSTRUCTION:
 DIMENSIONS AND CONFIGURATION: SEE FIGURE 1 AND TABLE 1.
 INTERFACE DIMENSIONS: SHALL CONFORM TO AS85049, FIGURE 3.
 COUPLING NUT: SHALL BE CAPTIVATED TO THE ADAPTER BODY AND ROTATABLE.
- MATERIAL AND FINISH:
 ADAPTER, COUPLING: IN ACCORDANCE WITH AS85049 AND TABLE 2 HEREIN.
 GROMMET: IN ACCORDANCE WITH AS85049.

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