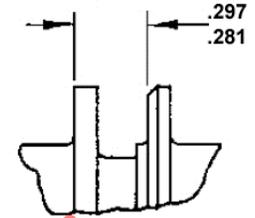
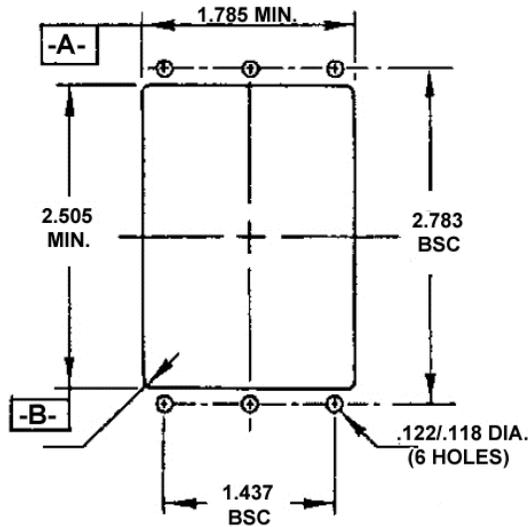


REV.
A

RATIONALE

REVISE TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT AND INDUSTRY, REVISE DIMENSIONS, ALIGN SPECIFICATION WITH SAE GUIDELINES AND RE-WORK ILLEGIBLE DRAWINGS/TABLES, AND REVIEW SPECIFICATION FOR KNOWN TECHNICAL PROBLEMS.

SAE AS81659/35



RECOMMENDED
MATED POSITION

⊕ A (M) B (M) .006 DIA (M)

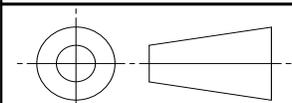
SUGGESTED PANEL CUT-OUT DIMENSIONS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.117	2.97	.521	13.23	1.427	36.25	2.015	51.18
.040	1.02	.118	3.00	.541	13.74	1.437	36.50	2.413	61.29
.047	1.19	.122	3.10	.7185	18.25	1.447	36.75	2.485	63.12
.050	1.27	.133	3.38	.928	23.57	1.634	41.50	2.505	63.63
.055	1.40	.178	4.52	.948	24.08	1.725	43.82	2.783	70.69
.060	1.52	.198	5.03	1.367	34.72	1.765	44.83	3.060	77.72
.065	1.65	.281	7.14	1.387	35.23	1.785	45.34	3.090	78.49
.093	2.36	.297	7.54	1.3915	35.34	1.985	50.42		

FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (DUAL INSERT, TYPE II, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A)

SAE AS81659/35
SHEET 1 OF 3

REV.
A

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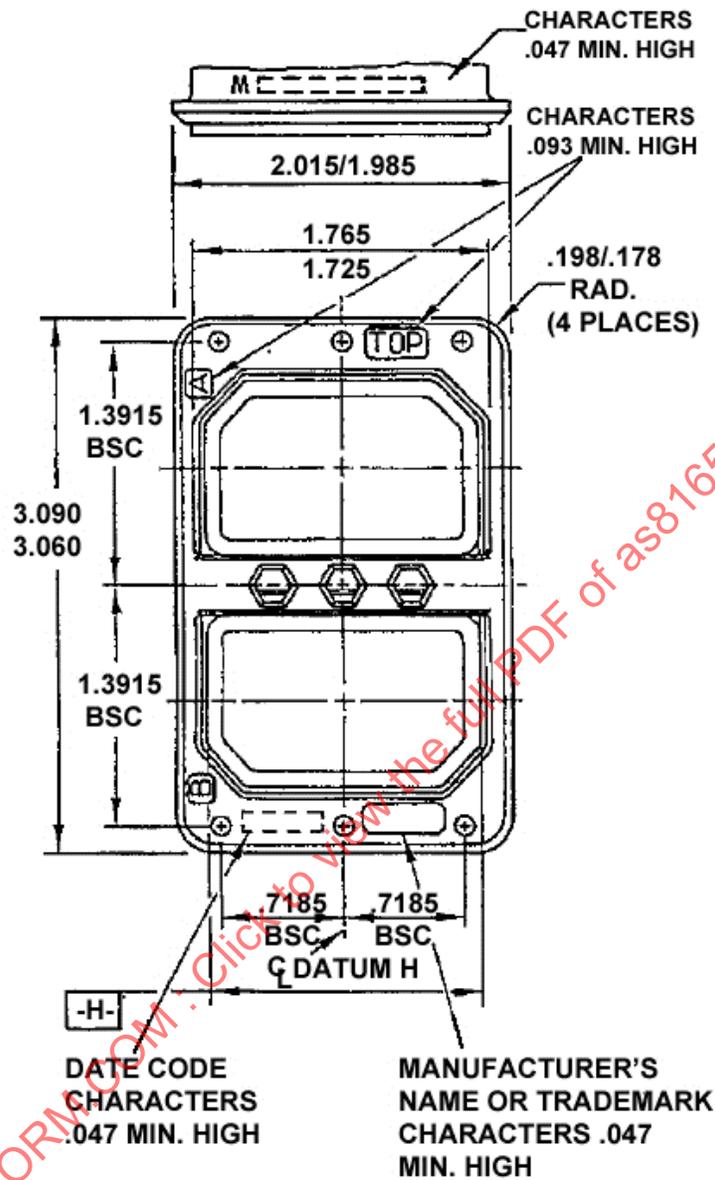


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS

 An SAE International Group	AEROSPACE STANDARD	SAE AS81659/35 SHEET 2 OF 3	REV. A
	(R) CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (DUAL INSERT, TYPE II, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A)		