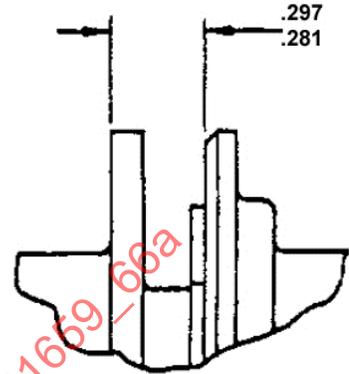
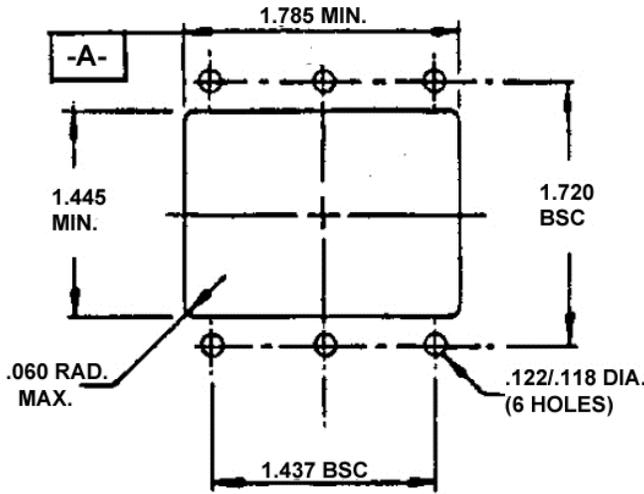


RATIONALE

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.

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RECOMMENDED
MATED POSITION

SUGGESTED PANEL
CUT-OUT DIMENSIONS

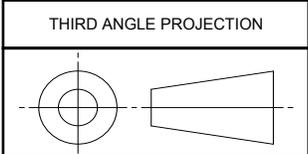


FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.118	3.00	.52	13.23	1.367	34.72	1.725	43.82
.040	1.02	.122	3.10	.541	13.74	1.387	35.23	1.765	44.83
.047	1.19	.133	3.38	.570	14.48	1.425	36.20	1.785	45.34
.050	1.27	.187	4.75	.7185	18.25	1.427	36.25	1.985	50.42
.055	1.40	.198	5.03	.720	18.29	1.437	36.50	1.997	50.72
.065	1.65	.281	7.14	1.000	25.40	1.445	36.70	2.015	51.18
.117	2.97	.297	7.54	1.326	33.68	1.447	36.75	2.027	51.49
								2.250	57.15

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
An SAE International Group

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

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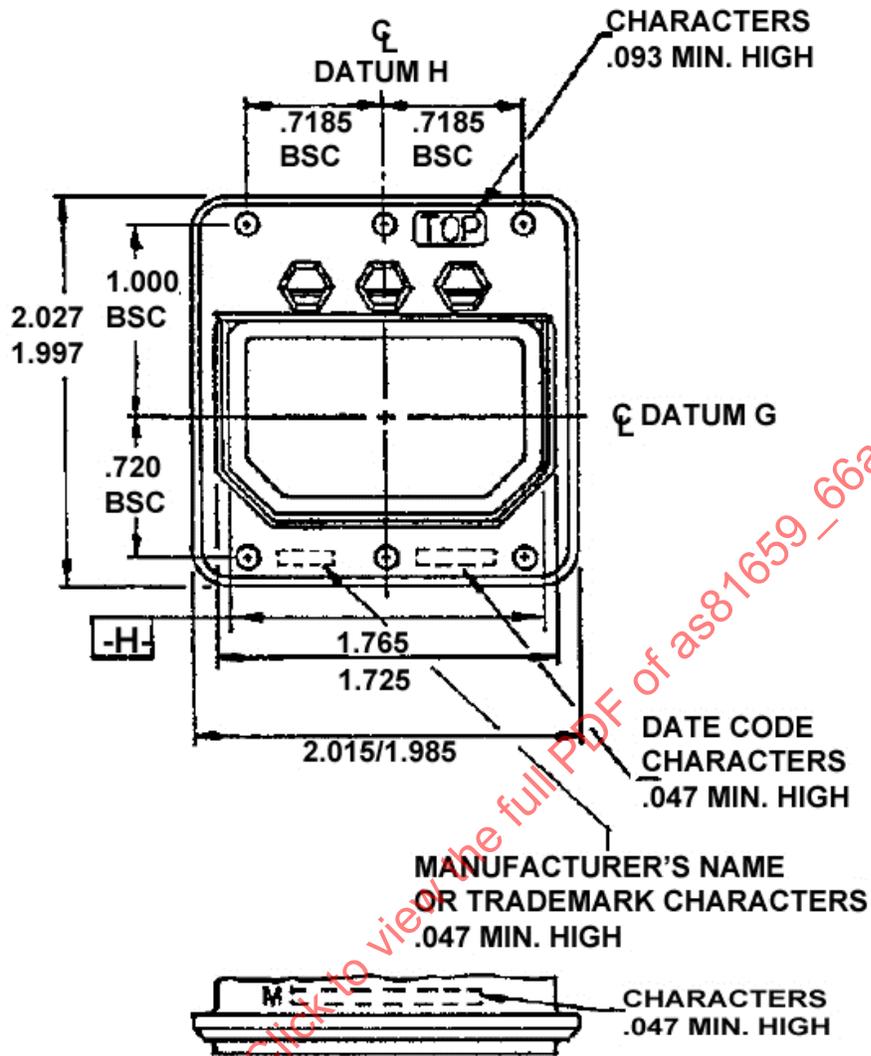


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS

 An SAE International Group	AEROSPACE STANDARD	SAE AS81659/66 SHEET 2 OF 3	REV. A
	(R) CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (SINGLE INSERT, TYPE IV, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A)		