

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.

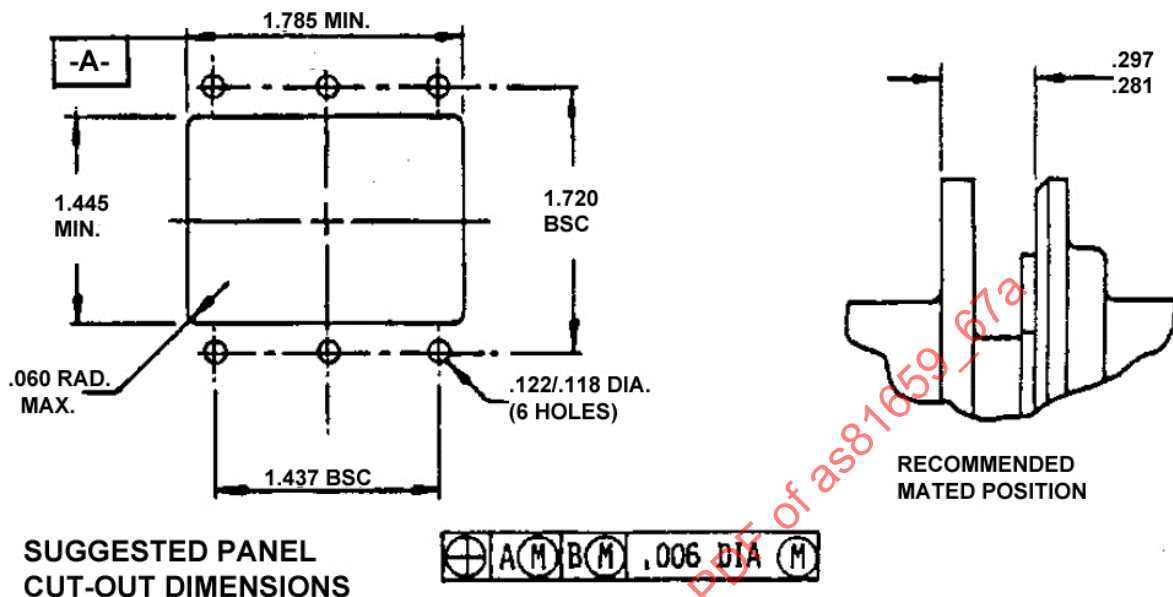
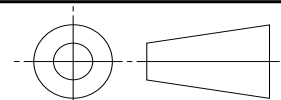


FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.118	3.00	.541	13.74	1.367	34.72	1.725	43.82
.040	1.02	.122	3.10	.570	14.48	1.387	35.23	1.765	44.83
.047	1.19	.133	3.38	.7185	18.25	1.425	36.20	1.785	45.34
.050	1.27	.178	4.52	.720	18.29	1.427	36.25	1.985	50.42
.055	1.40	.198	5.03	.928	23.57	1.437	36.50	1.997	50.72
.060	1.52	.281	7.14	.948	24.08	1.445	36.70	2.015	51.18
.065	1.65	.297	7.54	1.000	25.40	1.447	36.75	2.027	51.49
.117	2.97	.521	13.23	1.326	33.68	1.720	43.69	2.250	57.15

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS81659/67A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
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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, CLINCH NUT MOUNTING)

SAE AS81659/67
SHEET 1 OF 3

REV. A

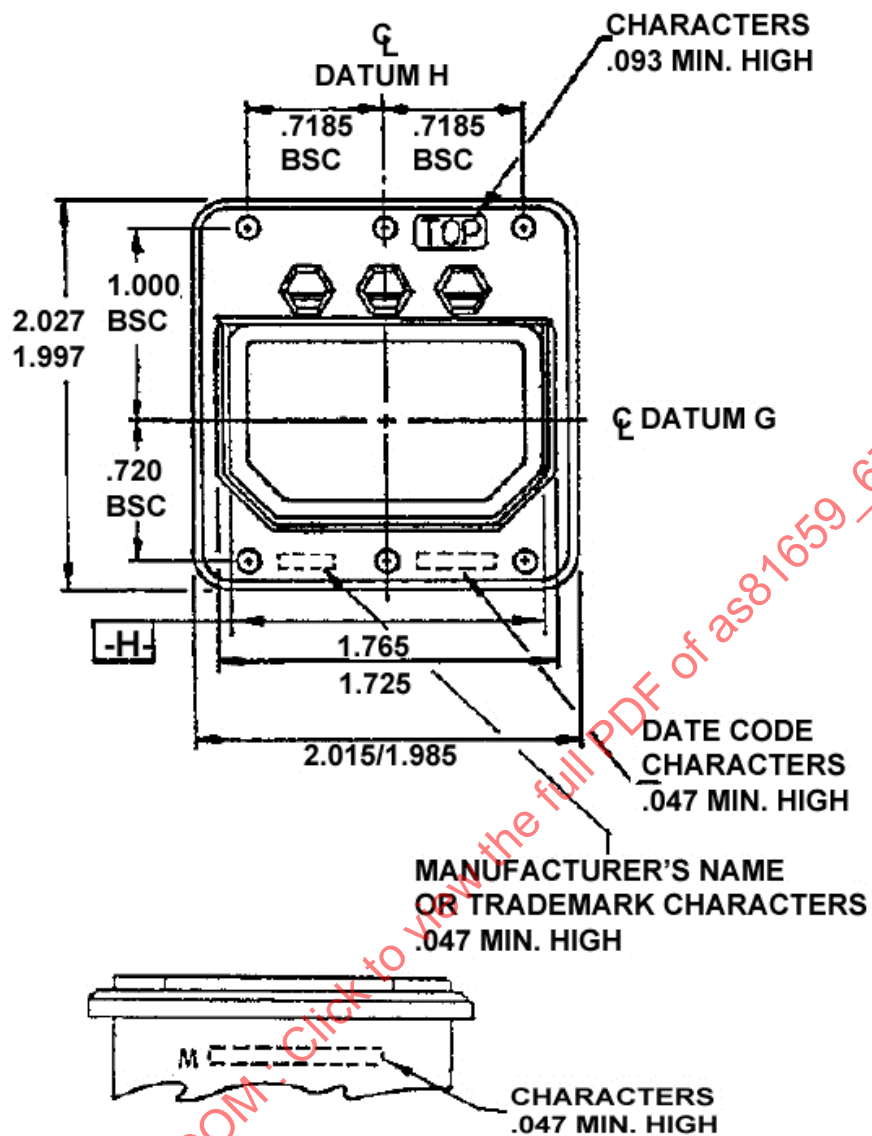


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS