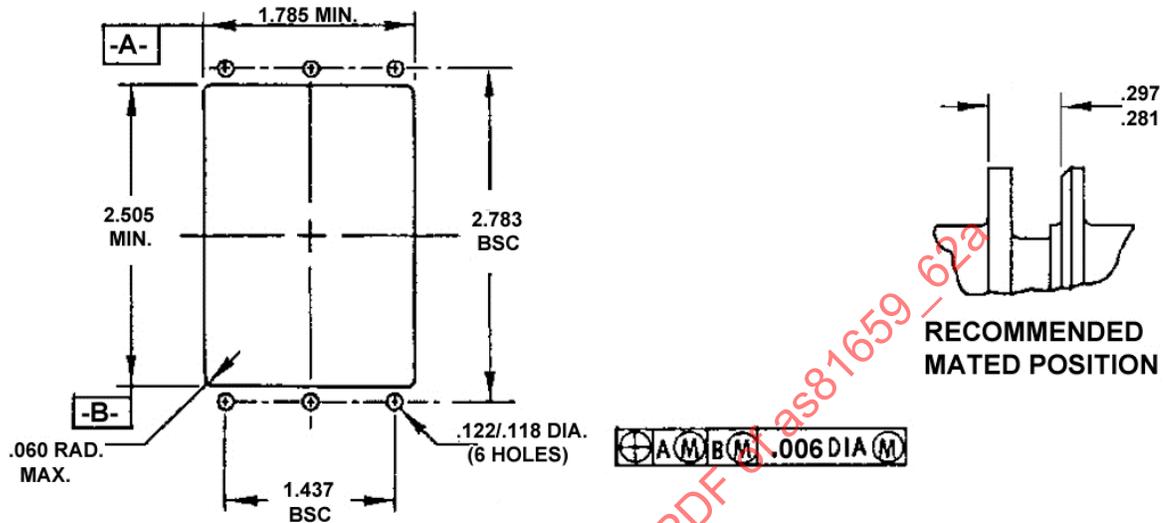


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RATIONALE

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.



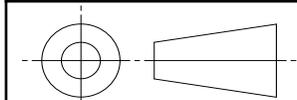
SUGGESTED PANEL CUT-OUT DIMENSIONS

FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.117	2.97	.521	13.23	1.3915	35.34	2.015	51.18
.040	1.02	.118	3.00	.541	13.74	1.427	36.25	2.250	57.15
.047	1.19	.122	3.10	.7185	18.25	1.437	36.50	2.485	63.12
.050	1.27	.133	3.38	.928	23.57	1.447	36.75	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	1.326	33.68	1.765	44.83	3.060	77.72
.065	1.65	.281	7.14	1.367	34.72	1.785	45.34	3.090	78.49
.093	2.36	.297	7.54	1.387	35.23	1.985	50.42		

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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 III, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A)

SAE AS81659/62
SHEET 1 OF 3

REV.
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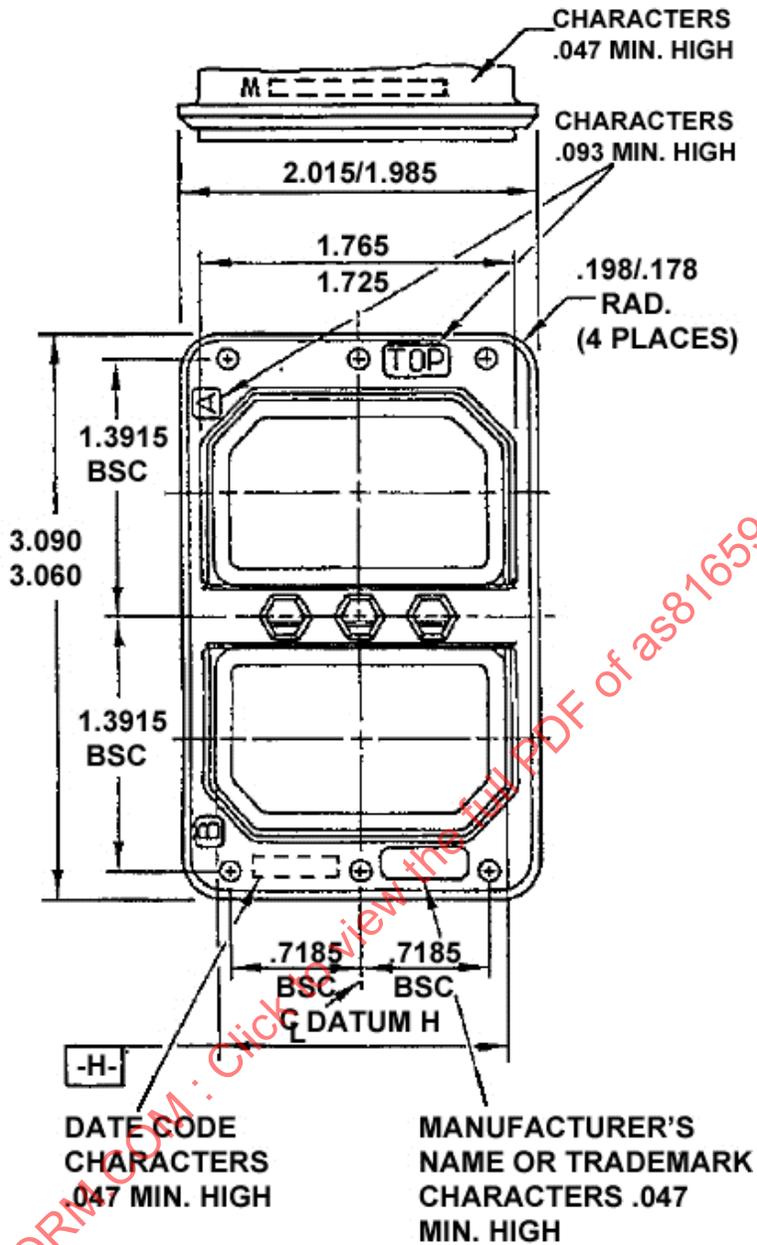


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS