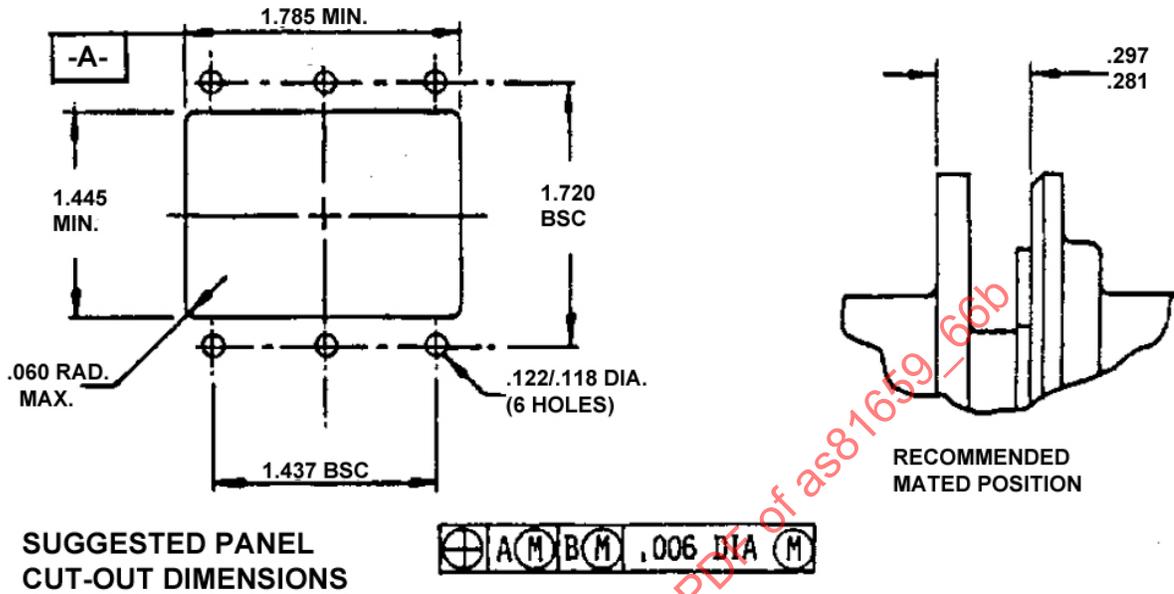


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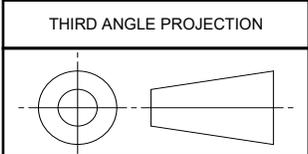
RATIONALE

REVISION IS REQUIRED TO UPDATE THE CONNECTOR INSERT AND INSTALLING/REMOVAL TOOL REFERENCES.



INCH	MM	INCH	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.118	3.00	.521	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

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/66B/>



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD
 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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 SHEET 1 OF 3

REV.
B

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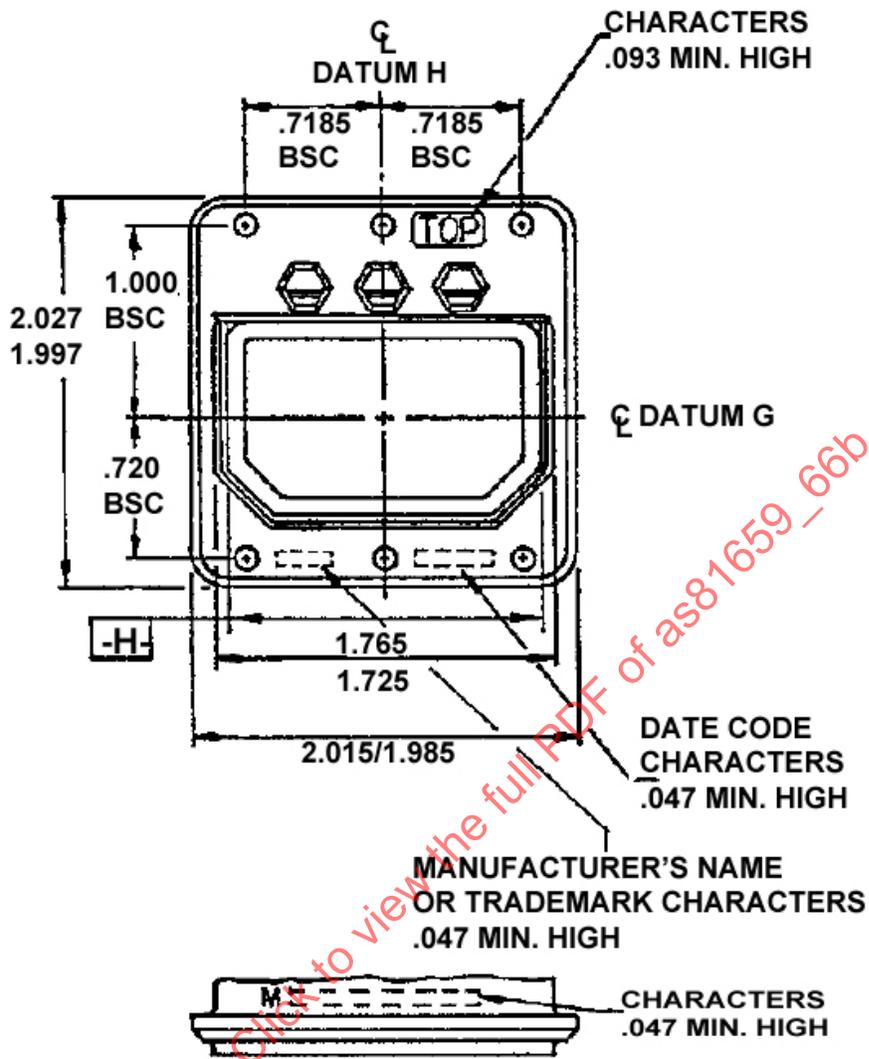


FIGURE 2 - CONNECTOR CONFIGURATIONS AND DIMENSIONS

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