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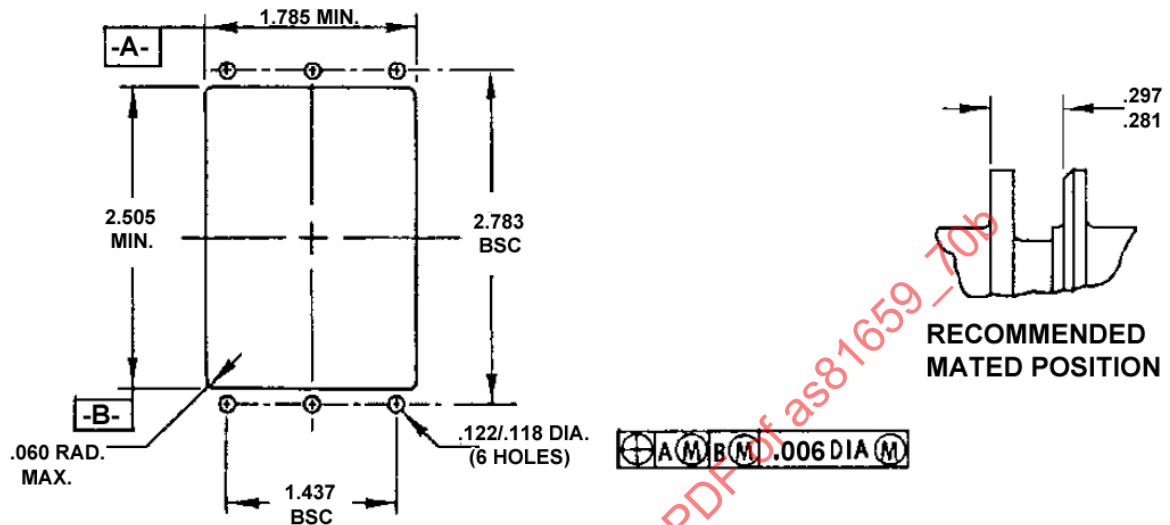
REV.
B

AS81659™/70

FEDERAL SUPPLY CLASS
5935

RATIONALE

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



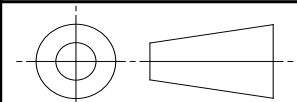
SUGGESTED PANEL CUT-OUT DIMENSIONS

FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCH	MM	INCH	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		

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/70B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD

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

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SHEET 1 OF 3

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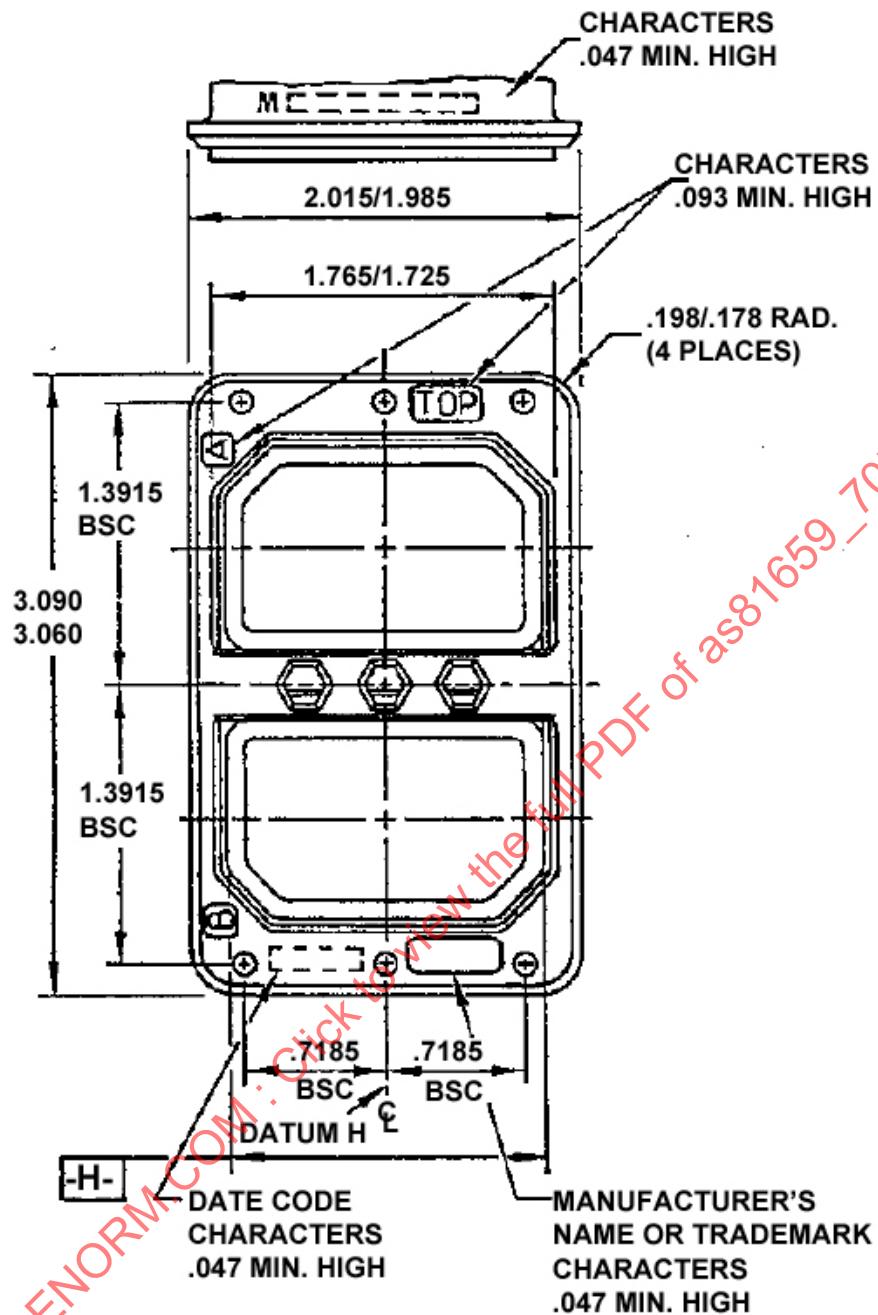


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS