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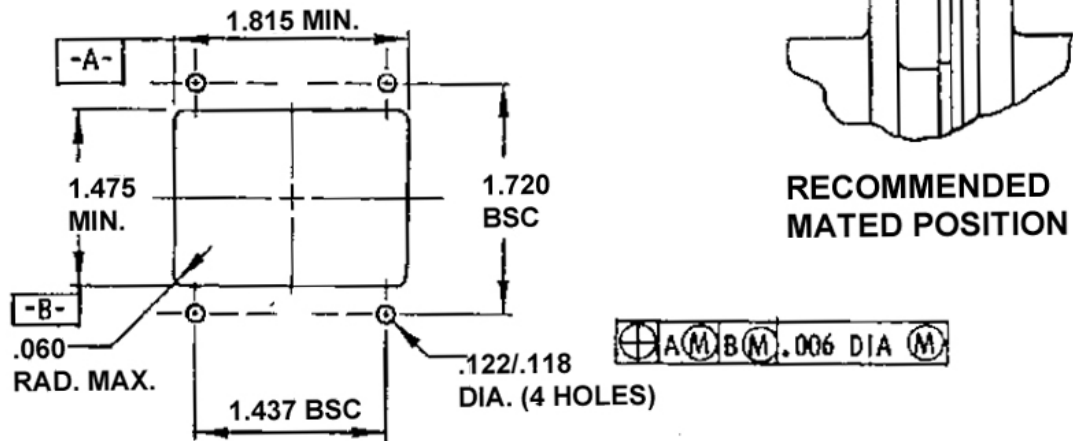
REV.
B

AS81659™/68

FEDERAL SUPPLY CLASS
5935

RATIONALE

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



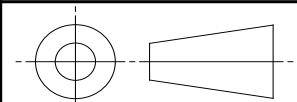
SUGGESTED PANEL CUT-OUT DIMENSIONS

FIGURE 1 - CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCH	MM	INCH	MM	INCH	MM	INCHES	MM	INCHES	MM
.005	.13	.050	1.27	.198	5.03	.948	24.08	1.475	37.46
.006	.15	.055	1.40	.245	6.22	1.000	25.40	1.720	43.69
.015	.38	.060	1.52	.255	6.48	1.326	33.68	1.725	43.82
.023	.58	.065	1.65	.421	10.69	1.367	34.72	1.765	44.83
.025	.64	.117	2.97	.467	11.86	1.387	35.23	1.815	46.10
.027	.69	.118	3.00	.521	13.23	1.425	36.20	1.985	50.42
.037	.94	.122	3.10	.541	13.74	1.427	36.25	1.997	50.72
.040	1.02	.133	3.38	.570	14.48	1.437	36.50	2.015	51.18
.047	1.19	.178	4.52	.7185	18.25	1.447	36.75	2.027	51.49
				.928	23.57			2.250	57.15

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/68B/>

THIRD ANGLE PROJECTION



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, FLOAT MOUNTING)

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SHEET 1 OF 4

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Documents

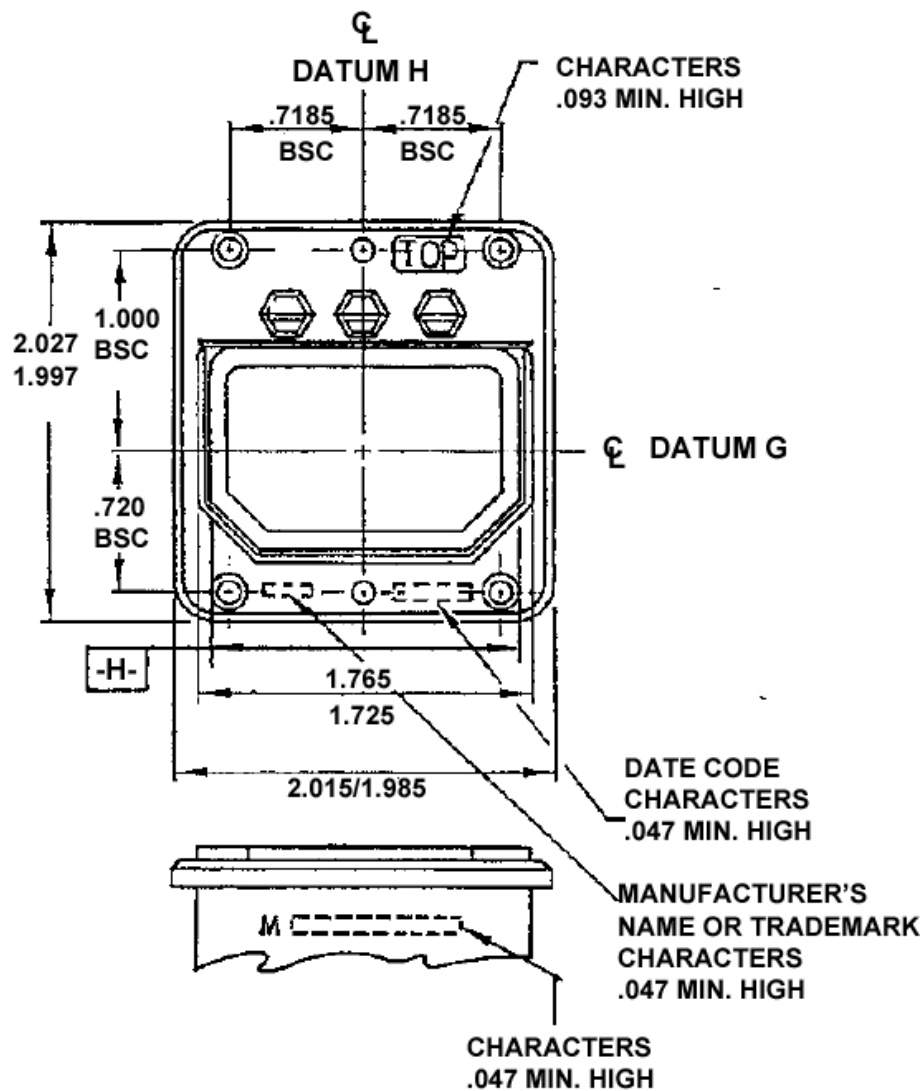


FIGURE 2 - CONNECTOR CONFIGURATIONS AND DIMENSIONS

	AEROSPACE STANDARD CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (SINGLE INSERT, TYPE IV, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A, FLOAT MOUNTING)	AS81659™/68 SHEET 2 OF 4	REV. B
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