

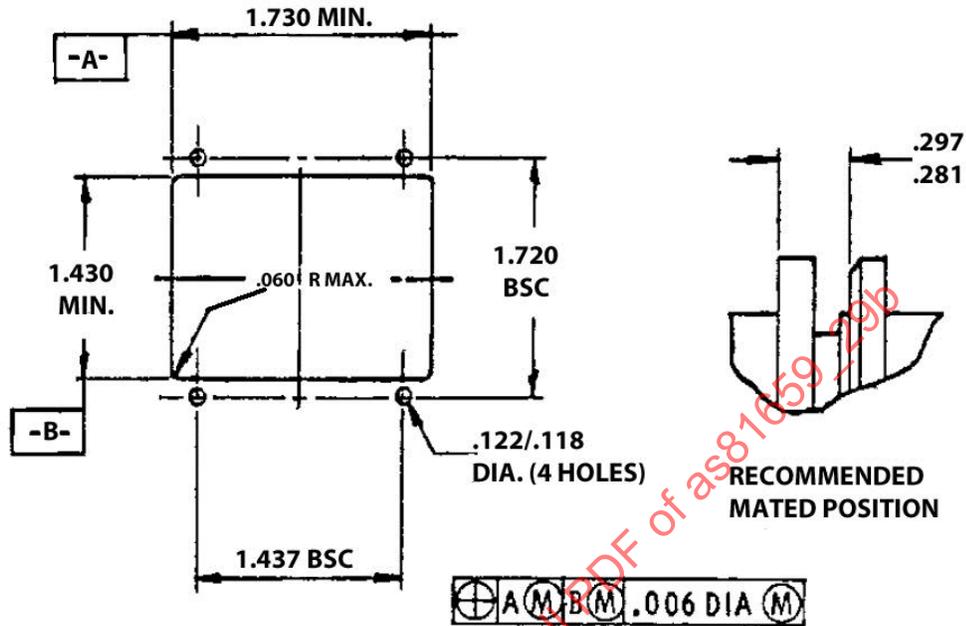
REV.
B

AS81659™/29

FEDERAL SUPPLY CLASS
5935

RATIONALE

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



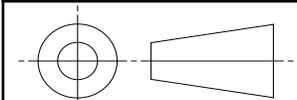
SUGGESTED PANEL CUT-OUT

FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.133	3.38	.550	13.97	1.000	25.40	1.541	39.14
.047	1.19	.178	4.52	.7185	18.25	1.175	29.84	1.720	43.69
.060	1.52	.198	5.03	.720	18.29	1.367	34.72	1.730	43.94
.115	2.92	.281	7.14	.885	22.48	1.387	35.23	1.985	50.42
.117	2.97	.297	7.54	.897	22.78	1.427	36.25	2.015	51.18
.118	3.00	.521	13.23	.928	23.57	1.430	36.32	2.032	51.61
.122	3.10	.541	13.74	.948	24.08	1.437	36.50	2.062	52.37
.125	3.18					1.447	36.75	2.320	58.93

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/29B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD

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

AS81659™/29
SHEET 1 OF 3

REV.
B

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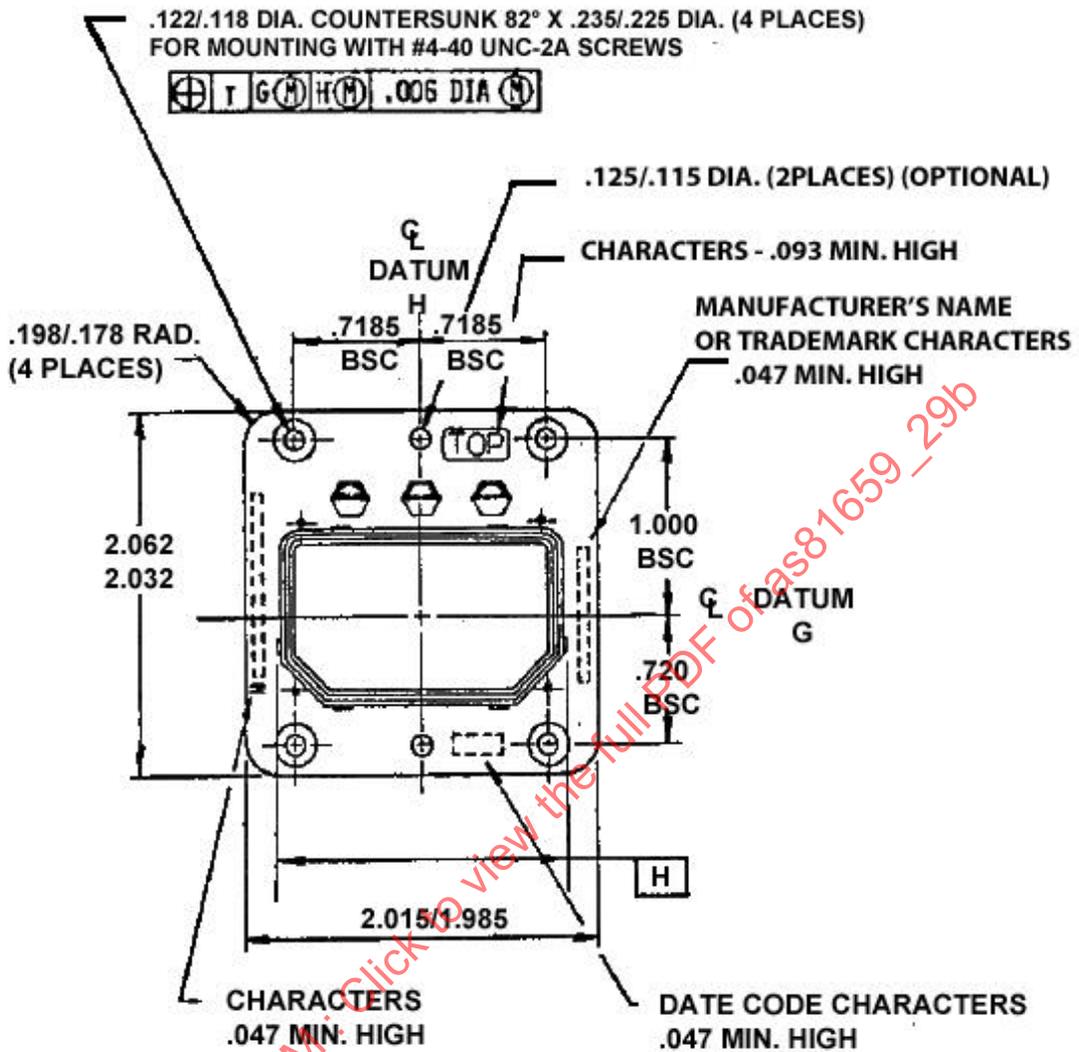


FIGURE 2 - CONNECTOR CONFIGURATIONS AND DIMENSIONS

	AEROSPACE STANDARD	AS81659™/29 SHEET 2 OF 3	REV. B
	CONNECTORS, ELECTRICAL, RECTANGULAR, PLUG, CRIMP CONTACTS (SINGLE INSERT, TYPE II, CLASS 1, (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A)		