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REV.
B

AS81659™/41

FEDERAL SUPPLY CLASS
5935

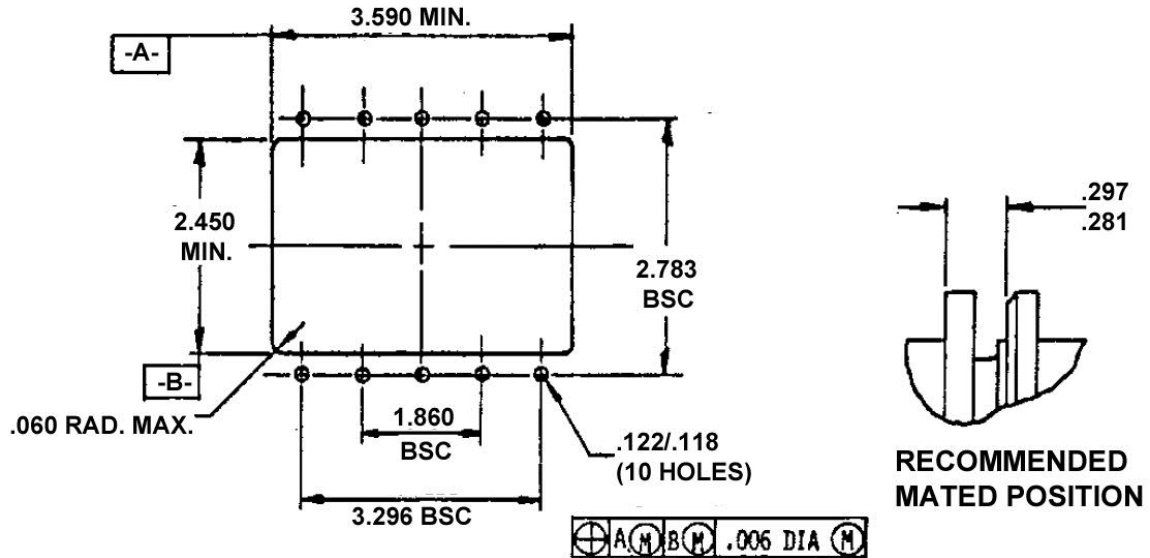
RATIONALE

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

AS81659/41B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81659.



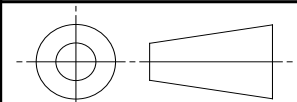
SUGGESTED PANEL CUT-OUT DIMENSIONS

FIGURE 1 - CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

INCH	MM	INCH	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.178	4.52	.885	22.48	1.427	36.25	2.783	70.69
.047	1.19	.198	5.03	.897	22.78	1.447	36.75	3.095	78.61
.060	1.52	.225	5.72	.928	23.57	1.541	39.14	3.125	79.38
.093	2.36	.235	5.97	.930	23.62	1.648	41.86	3.296	83.72
.117	2.97	.281	7.14	.948	24.08	1.860	47.24	3.580	90.93
.118	3.00	.297	7.54	1.367	34.72	2.320	58.93	3.590	91.19
.122	3.10	.521	13.23	1.387	35.23	2.440	61.98	3.845	97.66
.133	3.38	.541	13.74	1.3915	35.34	2.450	62.23	3.875	98.43

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/41B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD

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

AS81659™/41
SHEET 1 OF 3

REV.
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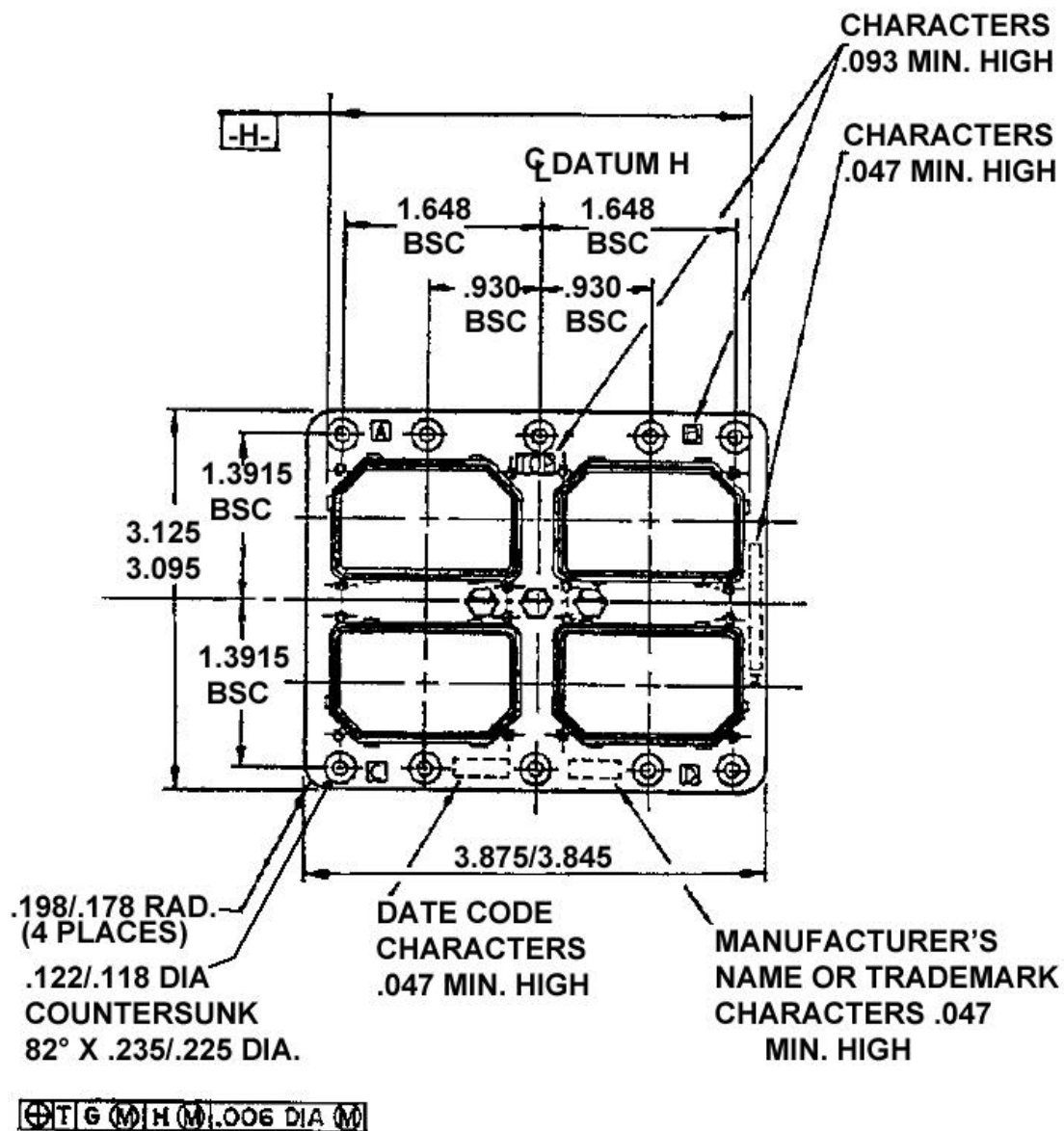


FIGURE 2 - CONNECTOR CONFIGURATIONS AND DIMENSIONS

	AEROSPACE STANDARD CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, DUAL INSERT, TYPE II, CLASS 1 (-65 °C TO +125 °C), SERIES 2, SHELL DESIGNATOR A	AS81659™/41 SHEET 2 OF 3	REV. B
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