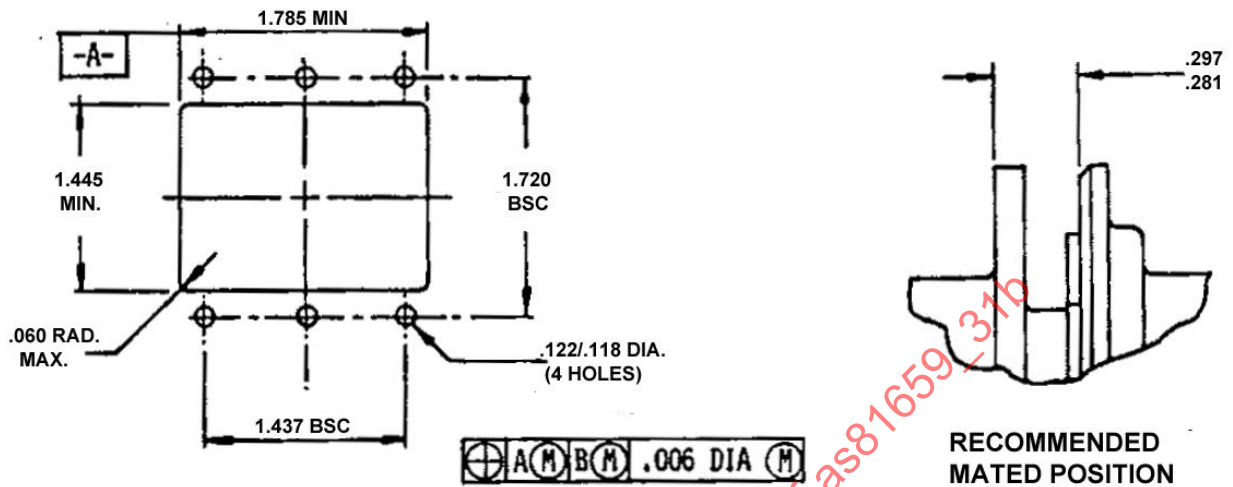


RATIONALE

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



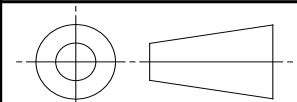
SUGGESTED PANEL CUTOUT DIMENSIONS

INCH	MM	INCH	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.118	3.00	.521	13.23	1.387	35.23	1.725	43.82
.040	1.02	.122	3.10	.541	13.74	1.425	36.20	1.765	44.83
.047	1.19	.133	3.38	.570	14.48	1.427	36.25	1.785	45.34
.050	1.27	.187	4.75	.7185	18.25	1.437	36.50	1.985	50.42
.055	1.40	.198	5.03	.720	18.29	1.445	36.70	1.997	50.72
.065	1.65	.281	7.14	1.000	25.40	1.447	36.75	2.015	51.18
.117	2.97	.297	7.54	1.367	34.72	1.634	41.50	2.027	51.49
								2.413	61.29

FIGURE 1 - CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/31B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



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

AS81659™/31
SHEET 1 OF 3

**REV.
B**

