REV B

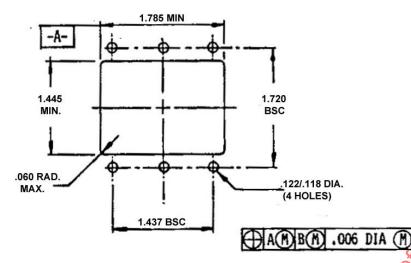
AS81659™/31

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user'

SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is

RATIONALE

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



.297 .281

RECOMMENDED MATED POSITION

SUGGESTED PANEL CUTOUT DIMENSIONS

INCH	MM	_	INCH	MM	INCHE	ES 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	.718	5 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
						7.				2.413	61.29

SAENORM. COM. CITC FIGURE 1 - CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

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

SSUED 2004-05 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. В

REAFFIRMED 2022-07

REVISED 2017-06

Copyright © 2022 SAE International

