

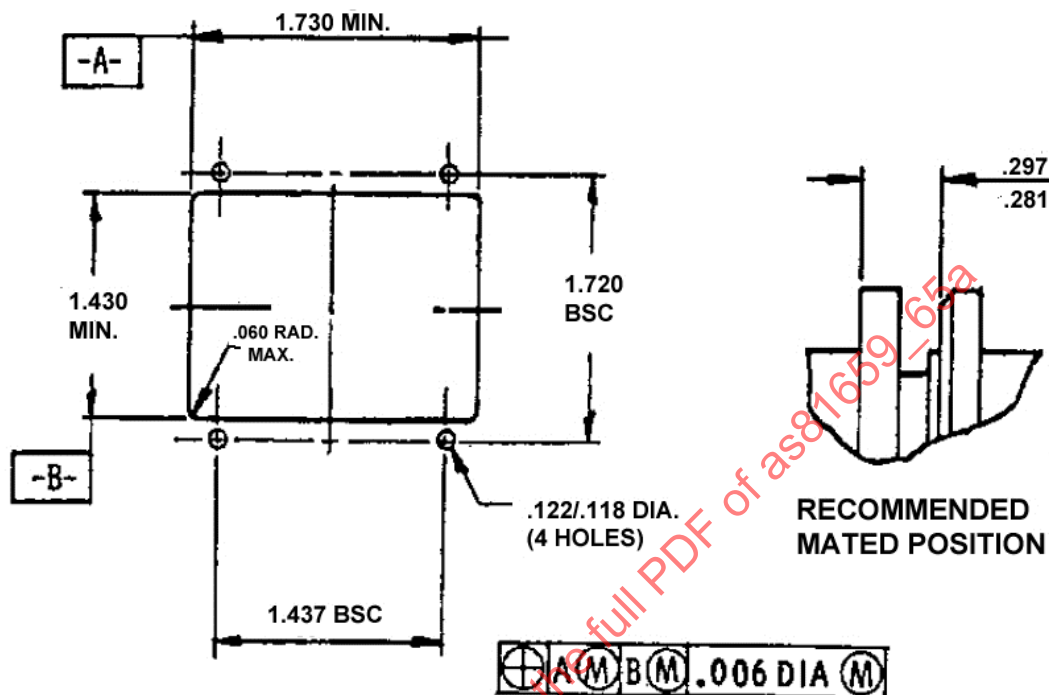
REV.
A

SAE AS81659/65

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISE TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT AND INDUSTRY, REVISE DIMENSIONS, ALIGN SPECIFICATION WITH SAE GUIDELINES AND RE-WORK ILLEGIBLE DRAWINGS/TABLES, AND REVIEW SPECIFICATION FOR KNOWN TECHNICAL PROBLEMS.



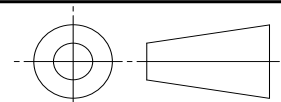
SUGGESTED PANEL CUT-OUT DIMENSIONS

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	1.447	36.75
.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	1.215	30.86	1.730	43.94
.115	2.92	.281	7.14	.885	22.48	1.367	34.72	1.985	50.42
.117	2.97	.297	7.54	.897	22.78	1.387	35.23	2.015	51.18
.118	3.00	.521	13.23	.928	23.57	1.427	36.25	2.032	51.61
.122	3.10	.541	13.74	.948	24.08	1.430	36.32	2.062	52.37
.125	3.18					1.437	36.50	2.145	54.48

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS81659/65A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS81659/65
SHEET 1 OF 3

REV.
A

Copyright 2012 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

ISSUED 2004-05 REVISED 2012-03

