

REV.  
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SAE AS81659/61

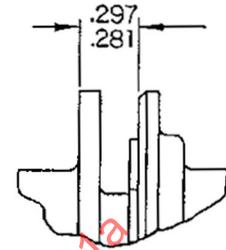
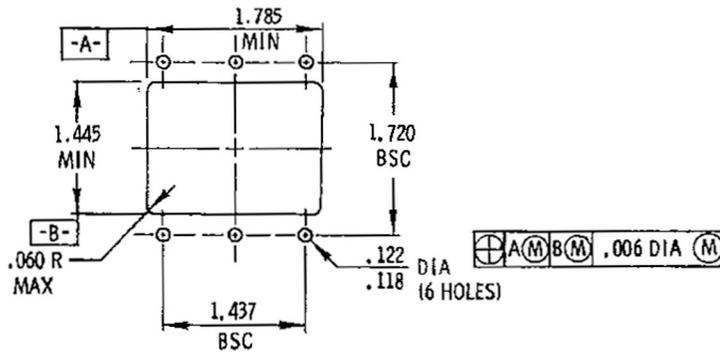
FEDERAL SUPPLY CLASS  
5935

RATIONALE

LIMIT SCOPE BALLOT REQUIRED TO INCORPORATE AS81659-1A.

NOTICE

THE REQUIREMENTS FOR ACQUIRING THE COMPONENTS DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION AND THE LATEST ISSUE OF AS81659



SUGGESTED PANEL CUT-OUT DIMENSIONS

FIGURE 1 – CONNECTOR PANEL CUT-OUT

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. DIMENSIONS APPLY AFTER PLATING.
3. NORMAL (01) POLARIZATION POSITION SHOWN. FOR ALTERNATE POSITIONS SEE AS81659.
4. FOR LOCATION OF DATUMS G AND H REFER TO AS81659, FIGURE 5.
5. THIS CONNECTOR DOES NOT HAVE A WIRE SEALING GROMMET.
6. A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

REQUIREMENTS

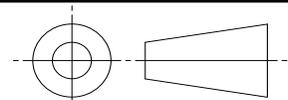
INSERT ARRANGEMENTS SHALL BE IN ACCORDANCE WITH MS3157.

CONTACTS SHALL BE IN ACCORDANCE WITH AS39029/11 OR AS39029/12 AS APPLICABLE.

INSTALLING AND REMOVAL TOOLS SHALL BE IN ACCORDANCE WITH MIL-I-81969/1 OR MIL-I-81969/14

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS81659/61A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

**SAE Aerospace**  
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AEROSPACE STANDARD

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

**SAE AS81659/61**  
SHEET 1 OF 2

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