

AS81659/63

FEDERAL SUPPLY CLASS
5935

NOTICE

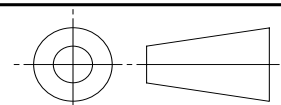
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659

SAE Aerospace
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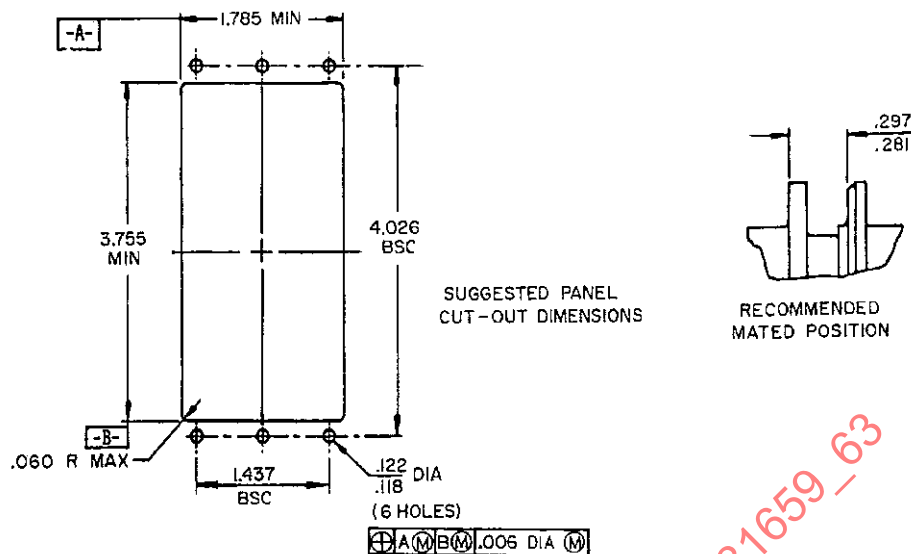
AEROSPACE STANDARD

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

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ISSUED 2004-05

FOR CONNECTOR DRAWING SEE PAGE 2.



INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.117	2.97	.521	13.23	1.427	36.25	2.015	51.18
.040	1.02	.118	3.00	.541	13.74	1.437	36.50	2.250	57.15
.047	1.19	.122	3.10	.7185	18.25	1.447	36.75	3.735	94.87
.050	1.27	.133	3.38	.928	23.57	1.725	43.82	3.755	95.38
.055	1.40	.178	4.52	.948	24.08	1.765	44.83	4.026	102.26
.060	1.52	.198	5.03	1.326	33.68	1.785	45.34	4.300	109.22
.065	1.65	.281	7.14	1.367	34.72	1.985	50.42	4.330	109.98
.093	2.36	.297	7.54	1.387	35.23	2.013	51.13		

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
3. DIMENSIONS APPLY AFTER PLATING.
4. NORMAL (01) POLARIZATION POSITION SHOWN. FOR ALTERNATE POSITIONS SEE MIL-C-81659.
5. FOR LOCATION OF DATUMS G AND H REFER TO MIL-C-81659, FIGURE 9.

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

Technical drawing of a rectangular connector housing, showing top, side, and end views with dimensions and features.

Top View Dimensions:

- Overall Length: 4.300
- Overall Width: 1.765
- Mounting Hole Spacing: 1.387, 1.367, 1.447
- Internal Features: 2.013 BSC, 4.330, 2.013 BSC

Side View Dimensions:

- Overall Height: 1.326 MAX
- Internal Features: .065, .055, .133, .117

End View Dimensions:

- Overall Width: 1.765
- Mounting Hole Spacing: 1.387, 1.367, 1.447

Features and Notes:

- #2-56UNC-2A SCREWS WITH LOCKWASHERS (12 PLACES)
- CHARACTERS .093 MIN HIGH
- DATE CODE CHARACTERS .047 MIN HIGH
- MANUFACTURER'S NAME OR TRADEMARK .047 MIN HIGH
- THIS CONNECTOR DOES NOT HAVE A WIRE SEALING GROMMET