

AS81659/72

FEDERAL SUPPLY CLASS
5935

NOTICE

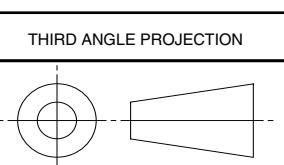
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ISSUED 2004-05



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659

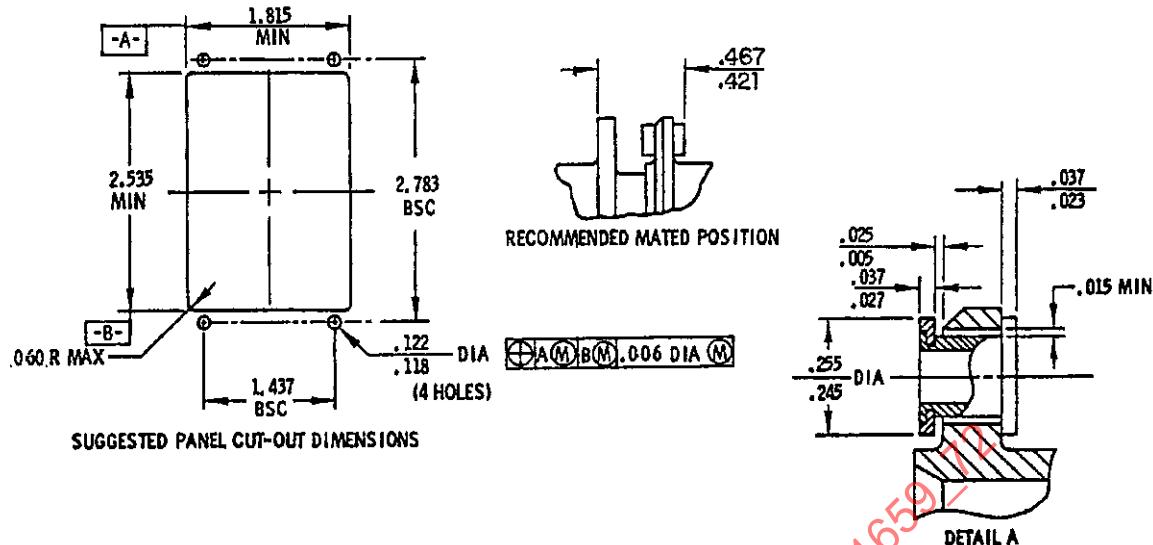
SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

AS81659/72
SHEET 1 OF 4

FOR CONNECTOR DRAWING SEE PAGE 2.



INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.005	.13	.050	1.27	.178	4.52	.928	23.57	1.765	44.83
.006	.15	.055	1.40	.198	5.03	.948	24.08	1.815	46.10
.015	.38	.060	1.52	.245	6.22	1.367	34.72	1.985	50.42
.023	.58	.065	1.65	.255	6.48	1.387	35.23	2.015	51.18
.025	.64	.093	2.36	.421	10.69	1.3915	35.34	2.485	63.12
.027	.69	.117	2.97	.467	11.86	1.427	36.25	2.535	64.38
.037	.94	.118	3.00	.521	13.23	1.437	36.50	2.783	70.69
.040	1.02	.122	3.10	.541	13.74	1.447	36.75	3.060	77.72
.047	1.19	.133	3.38	.7185	18.25	1.725	43.82	3.090	78.49

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 7.
6. THIS CONNECTOR DOES NOT HAVE A WIRE SEALING GROMMET.

