

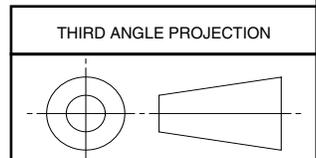
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ISSUED 2004-05

CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659



**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 4

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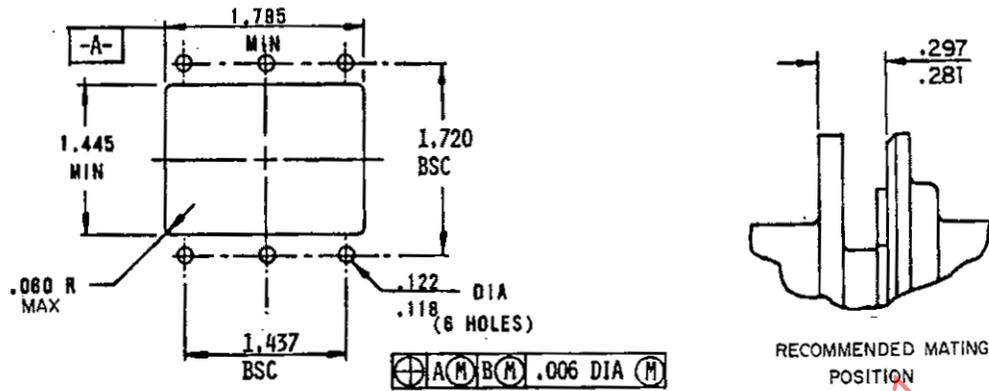
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FOR CONNECTOR DRAWING SEE PAGE 2.

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SUGGESTED PANEL CUT-OUT DIMENSIONS

INCHES	MM	INCHES	MM	INCHES	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	.7185	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
								2.413	61.29

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 5.

