

AS81659/64

FEDERAL SUPPLY CLASS
5935

NOTICE

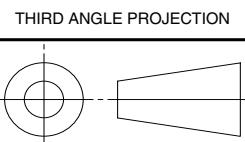
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ISSUED 2004-05



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659

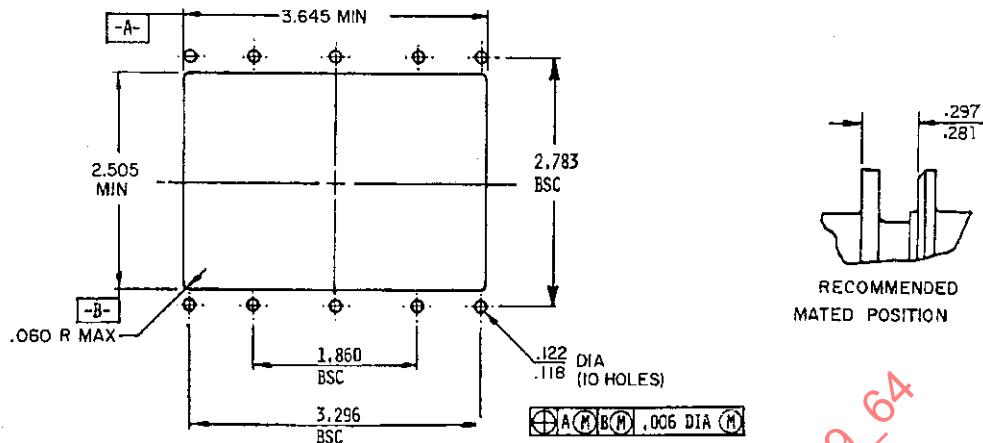
SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

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SHEET 1 OF 4

FOR CONNECTOR DRAWING SEE PAGE 2.



SUGGESTED PANEL CUT-OUT DIMENSIONS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.093	2.36	.297	7.54	1.3915	35.34	2.783	70.69
.040	1.02	.117	2.97	.521	13.23	1.427	36.25	3.060	77.12
.047	1.19	.118	3.00	.541	13.74	1.447	36.75	3.090	78.49
.050	1.27	.122	3.10	.928	23.57	1.648	41.86	3.296	83.72
.055	1.40	.133	3.38	.930	23.62	1.860	47.24	3.595	91.31
.060	1.52	.178	4.52	.948	24.08	2.250	57.15	3.625	92.08
.062	1.57	.198	5.03	1.326	33.68	2.485	63.12	3.645	92.58
.065	1.65	.281	7.14	1.367	34.72	2.505	63.62	3.845	97.66
				1.387	35.23			3.875	98.42

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 11.
6. THIS CONNECTOR DOES NOT HAVE A GROMMET SEALING PLUG.

