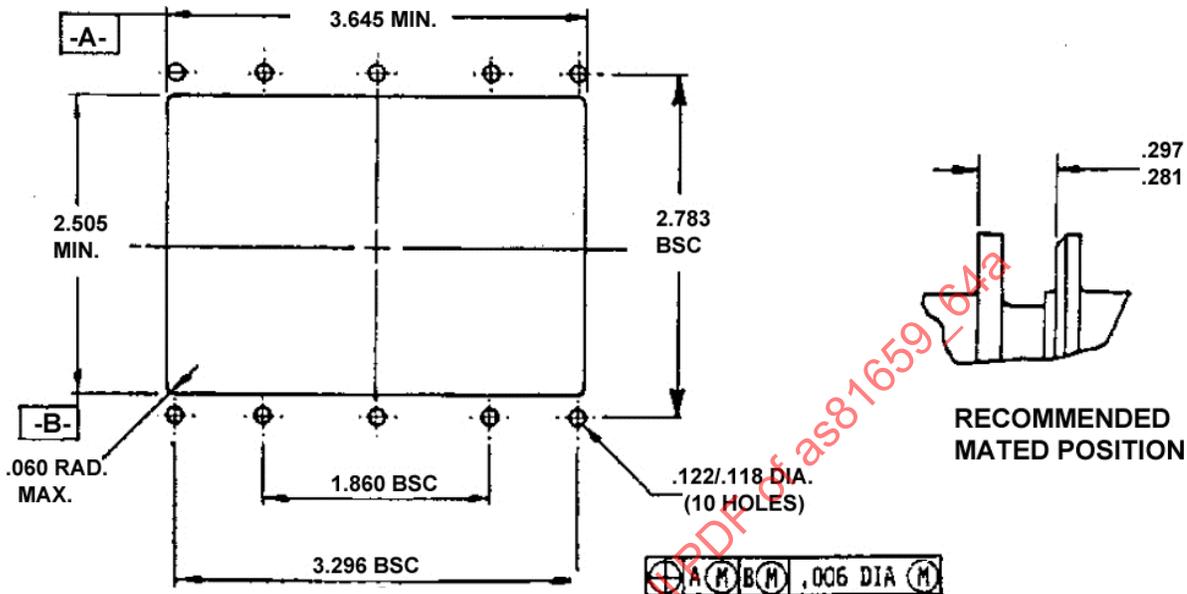


RATIONALE

REVISE TO INCLUDE COMMENTS RECEIVED BY THE GOVERNMENT AND INDUSTRY, REVISE DIMENSIONS, ALIGN SPECIFICATION WITH SAE GUIDELINES AND RE-WORK ILLEGIBLE DRAWINGS/TABLES, AND REVIEW SPECIFICATION FOR KNOWN TECHNICAL PROBLEMS.

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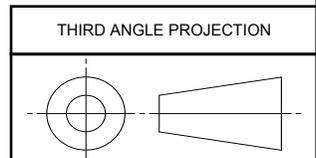


SUGGESTED PANEL CUTOUT DIMENSIONS

FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

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

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CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD

(R) 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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ISSUED 2004-05 REVISED 2012-03

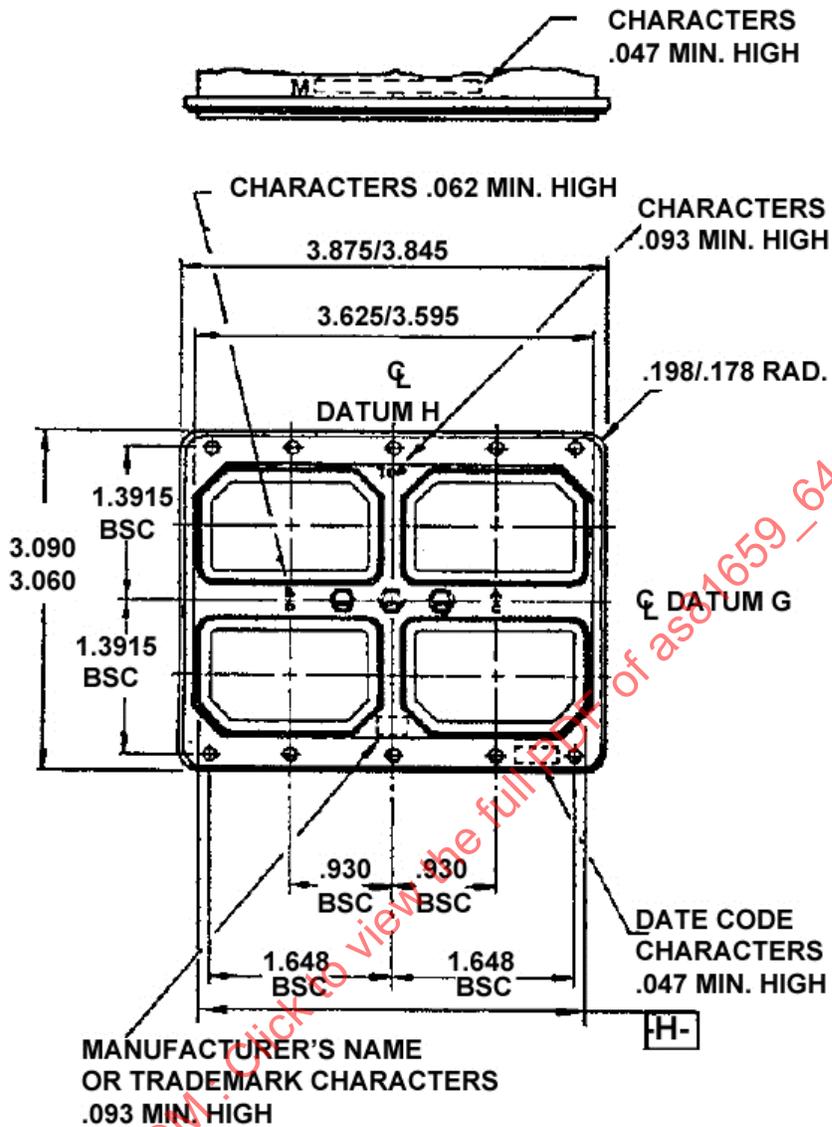


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS