

REV.
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SAE AS81659/63

FEDERAL SUPPLY CLASS
5935

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.

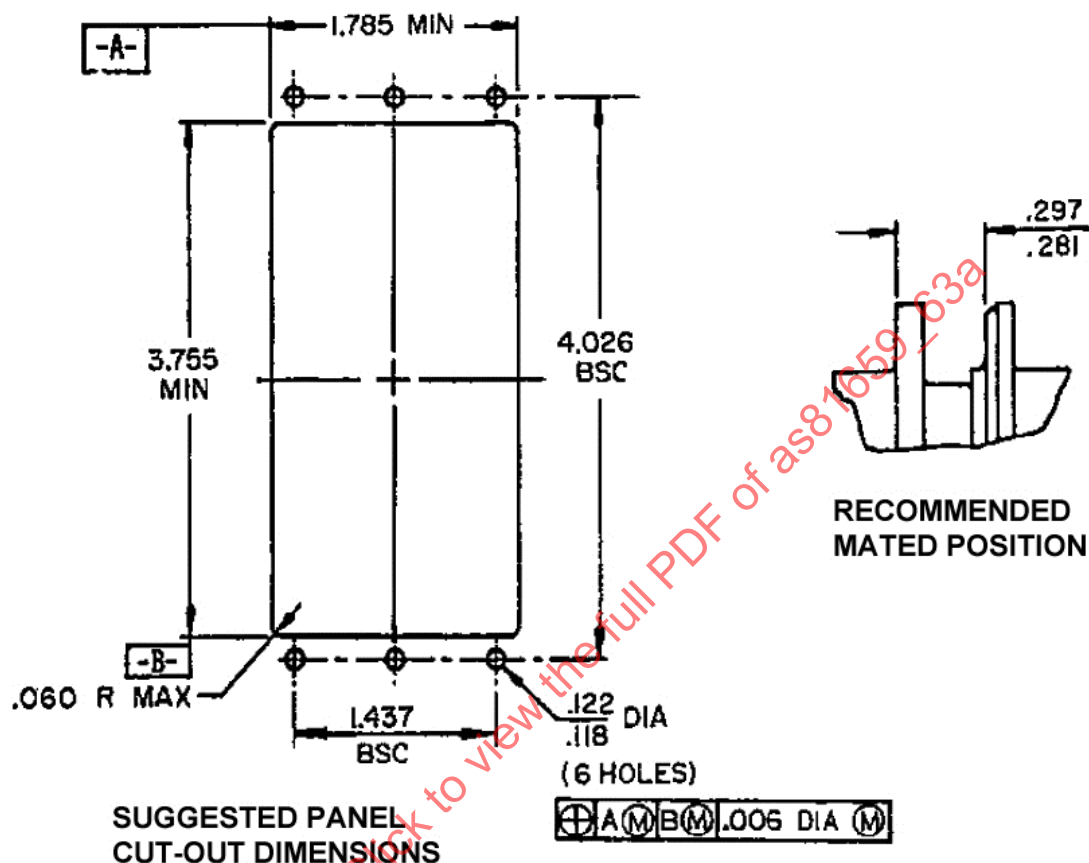
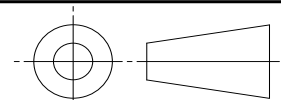


FIGURE 1 – CONNECTOR SUGGESTED PANEL CUTOUT/RECOMMENDED MATED POSITION

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		

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS81659/63A>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS81659/63
SHEET 1 OF 3

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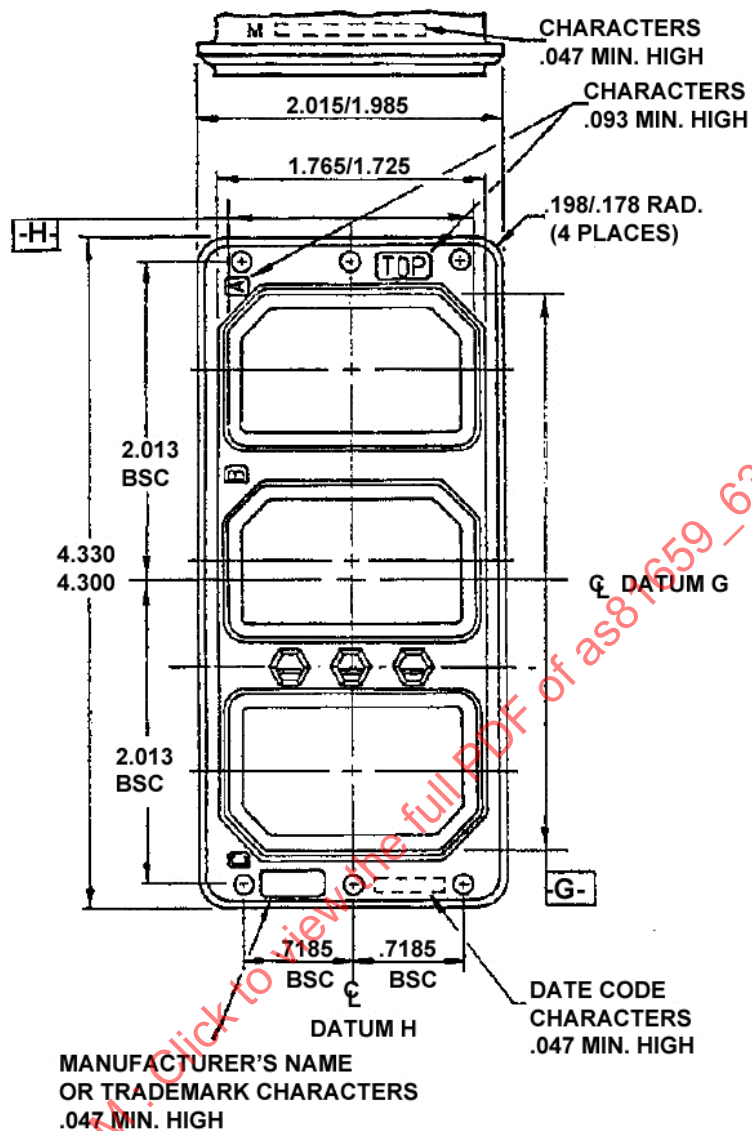


FIGURE 2 – CONNECTOR CONFIGURATIONS AND DIMENSIONS