

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.

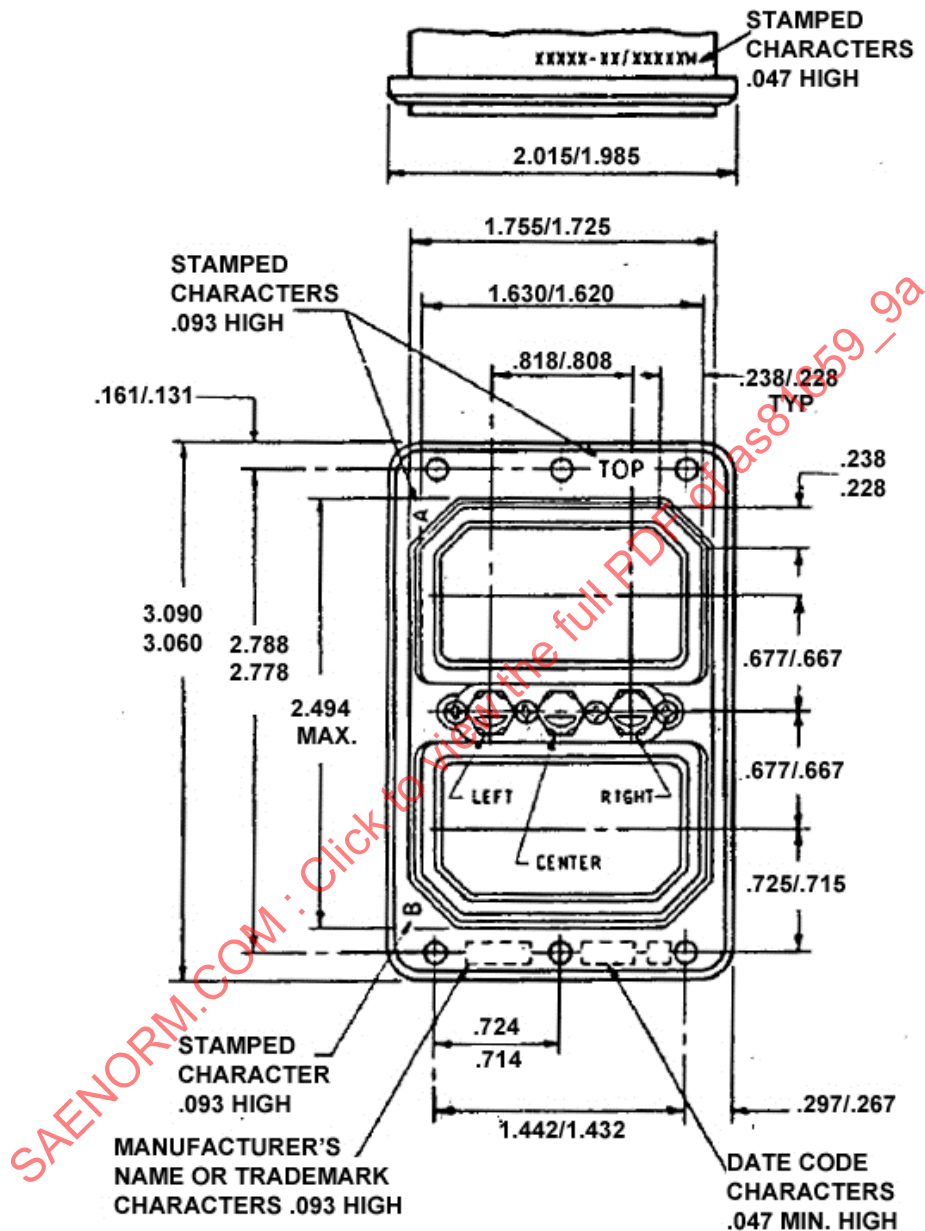
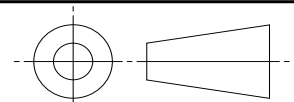


FIGURE 1 – CONNECTOR CONFIGURATIONS AND DIMENSIONS

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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE ENVIRONMENT RESISTANT, CRIMP CONTACTS, DOUBLE INSERT, TYPE II, CLASS 1 (-65 °C TO +125 °C), SERIES 1, SHELL DESIGNATOR A

SAE AS81659/9
SHEET 1 OF 3

REV. A

TABLE 1 – CONTACT LOCATION DIMENSIONS

CONTACT SIZE	LTR	DIMENSIONS	
		MIN	MAX
22	A	.220	.277
20	A	.353	.410
16	A	.175	.232

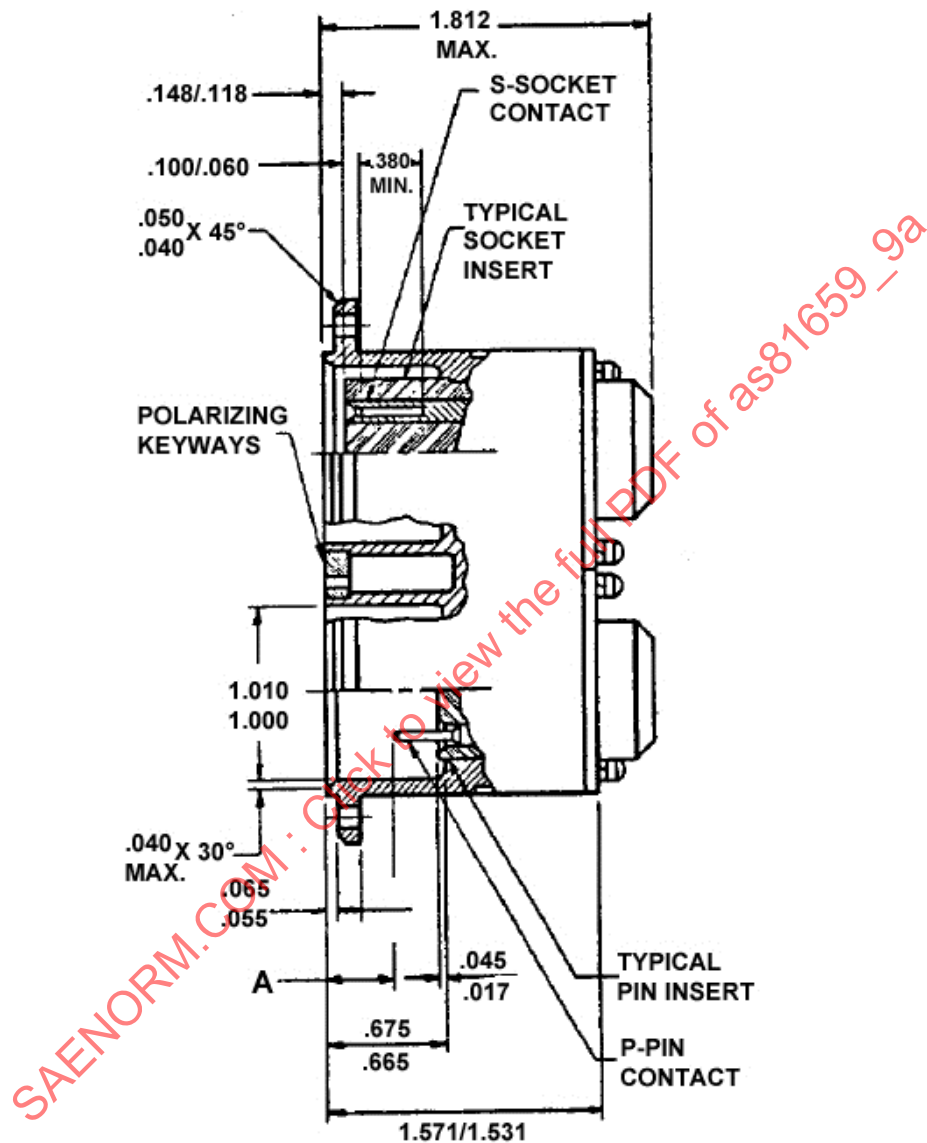


FIGURE 1 – CONNECTOR CONFIGURATIONS AND DIMENSIONS (CONTINUED)

 An SAE International Group	AEROSPACE STANDARD		 AS81659/9 SHEET 2 OF 3	REV. A
	(R) CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE ENVIRONMENT RESISTANT, CRIMP CONTACTS, DOUBLE INSERT, TYPE II, CLASS 1 (-65 °C TO +125 °C), SERIES 1, SHELL DESIGNATOR A			