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REV.
B

AS81659™/9

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO UPDATE THE CONNECTOR INSERT AND INSTALLING/REMOVAL TOOL REFERENCES

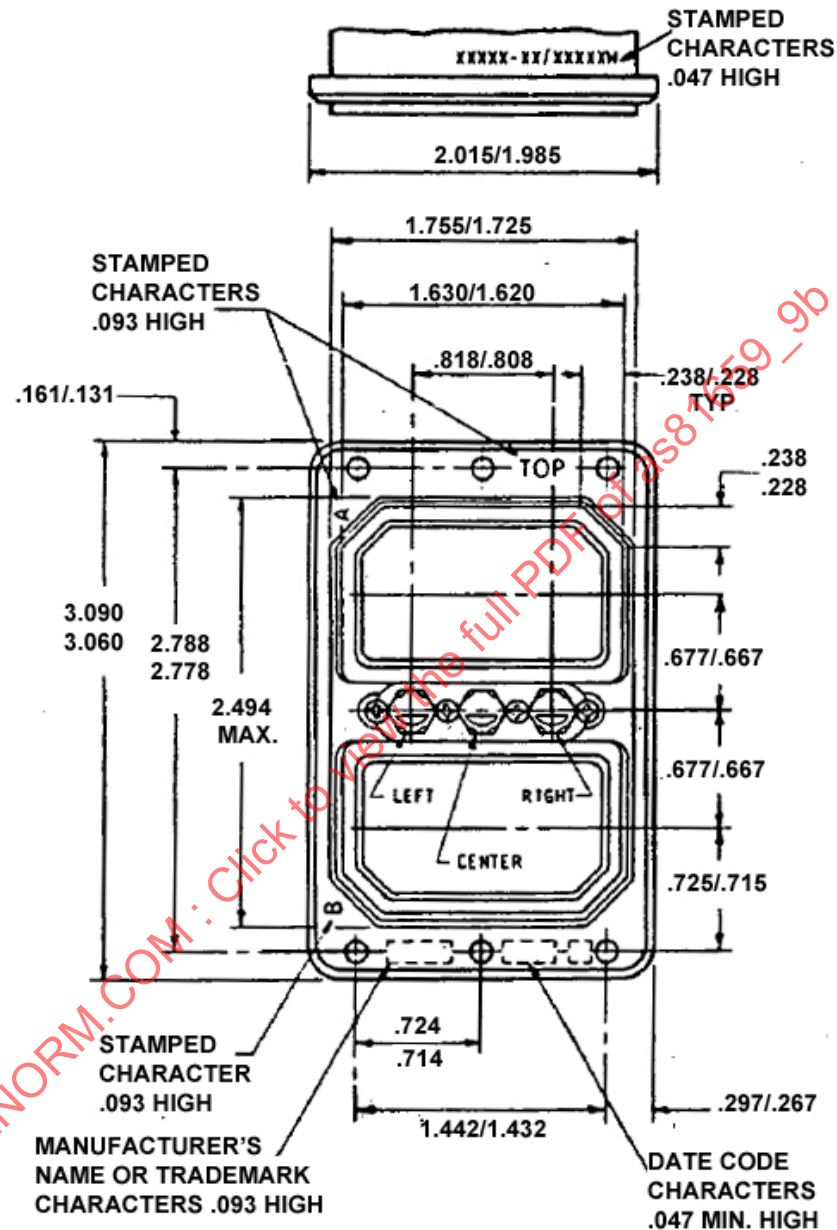
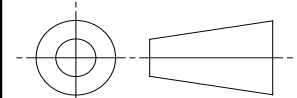


FIGURE 1 - CONNECTOR CONFIGURATIONS AND DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS81659/9B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81659



AEROSPACE STANDARD

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

AS81659™/9
SHEET 1 OF 3

REV.
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ISSUED 2004-05 REVISED 2017-06 REAFFIRMED 2022-01

TABLE 1 - CONTACT LOCATION DIMENSIONS

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

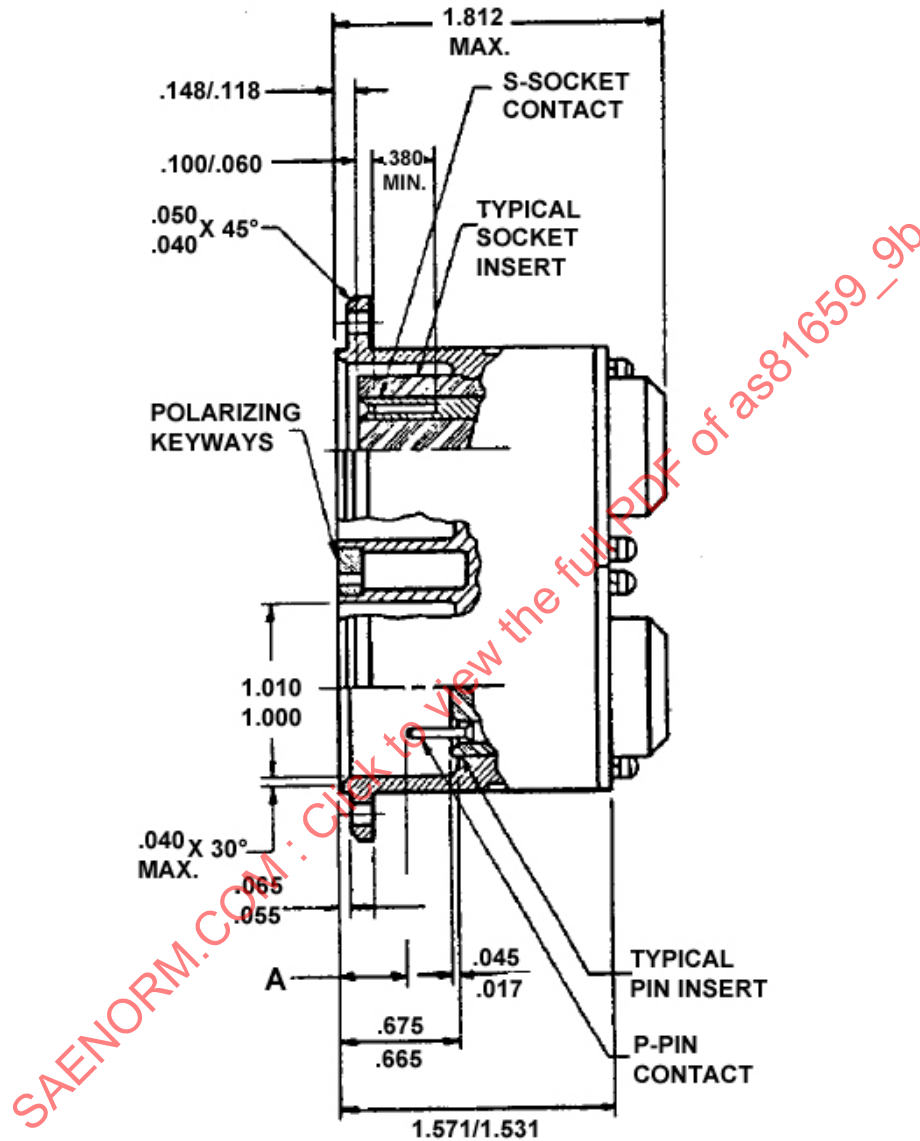


FIGURE 1 - CONNECTOR CONFIGURATIONS AND DIMENSIONS (CONTINUED)