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REV.
A

AS33698™

FEDERAL SUPPLY CLASS
5335

RATIONALE

AS33698A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

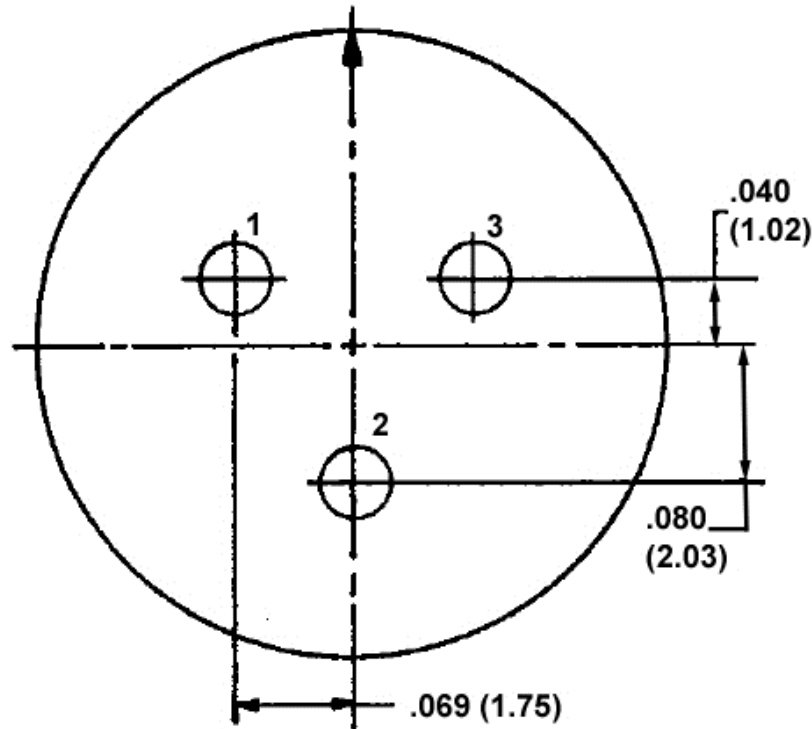
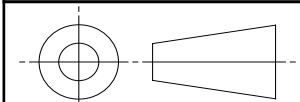


FIGURE 1 – INSERT CONFIGURATION (3-50)

DIMENSIONS AND MARKINGS SHOWN ARE FOR FRONT FACE OF PIN INSERT (SOCKET INSERT OPPOSITE).
UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINE.

For more information on this standard, visit
<https://www.sae.org/standards/content/AS33698A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS81703



AEROSPACE STANDARD
(R) INSERT ARRANGEMENTS, ELECTRIC
CONNECTOR, SHELL SIZE 3 (FOR AS81703
CONNECTORS)

AS33698™
SHEET 1 OF 3

REV.
A

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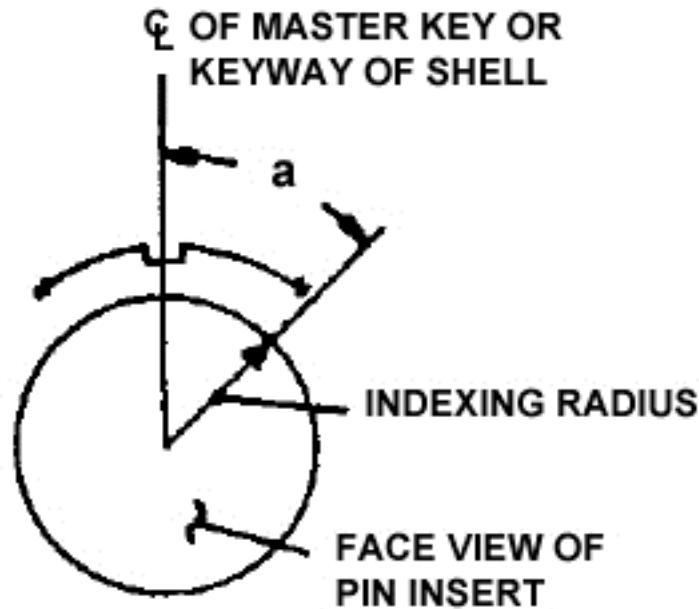


FIGURE 2 – INSERT POSITION FIGURE

TABLE 1 - INSERT DETAILS

SHELL SIZE	ARRANGEMENT NUMBER	SERVICE RATING	NUMBER OF CONTACTS	SIZE CONTACTS	SYMBOL	CONTACT LOCATION
3	50	I	3	20	⊕	ALL

TABLE 2 – INSERT POSITION DETAILS

INSERT ARRANGEMENT	INSERT POSITIONS (DEGREES FROM CENTERLINE OF MASTER KEYWAY) (a)					
	N	W	X	Y	B	C
3-50 (c)	0	(b)	(b)	76°	(b)	(b)

- (a) TO BE WITHIN .005 INCHES OF THE REQUIRED POSITION.
 (b) THESE INSERT POSITIONS ARE NOT TO BE PROVIDED.
 (c) INSERT ARRANGEMENT 3-50 SUPERSEDES AND IS INTERCHANGEABLE WITH INSERT -3.



INDICATES "MASTER KEY OR KEYWAY OF SHELL"



INDICATING TERMINUS OF "INDEXING RADIUS OF INSERT" SHALL BE PERMENTLY MARKED ON INSERT.

IN OTHER THAN "N" POSITION, THE PIN INSERT IS ROTATED THE DESIGNATED NUMBER OF DEGREES **CLOCKWISE** RELATIVE TO THE CENTERLINE OF THE "MASTER KEY OR KEYWAY OF THE SHELL" AS INDICATED.

IN OTHER THAN "N" POSITION, THE SOCKET INSERT IS ROTATED THE DESIGNATED NUMBER OF DEGREES **COUNTER CLOCKWISE** RELATIVE TO THE CENTERLINE OF THE "MASTER KEY OR THE KEYWAY OF THE SHELL".

	AEROSPACE STANDARD		AS33698™ SHEET 2 OF 3	REV. A
	(R) INSERT ARRANGEMENTS, ELECTRIC CONNECTOR, SHELL SIZE 3 (FOR AS81703 CONNECTORS)			



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