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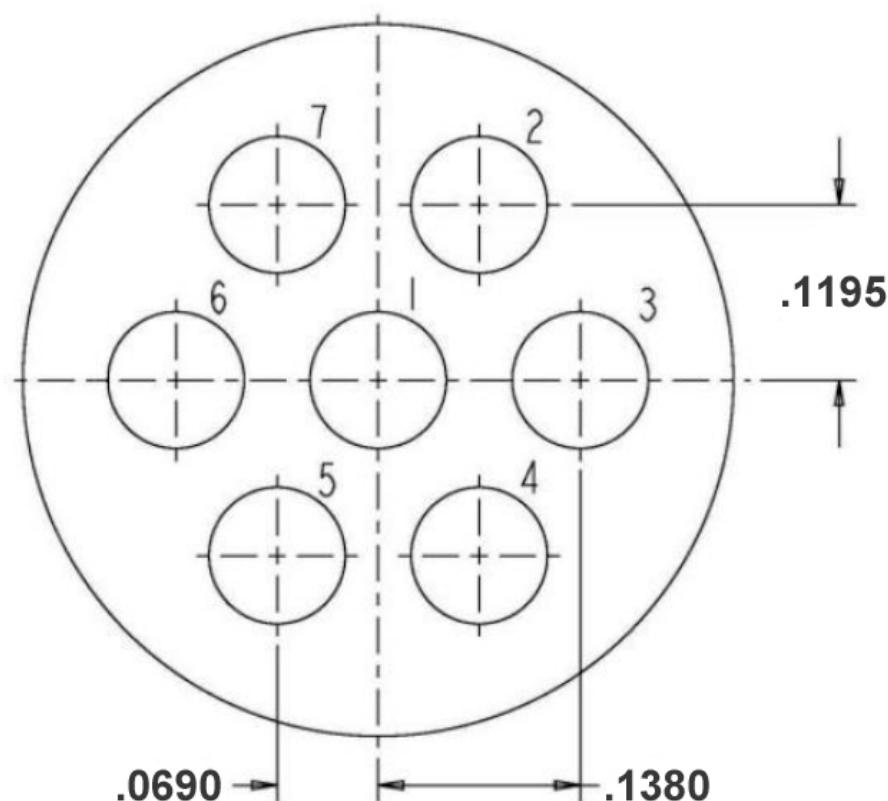
REV.
B

AS33699™

FEDERAL SUPPLY CLASS
5935

RATIONALE

REVISION IS REQUIRED TO REMOVE IMAGES AND REPLACE WITH WORD TEXT/TABLES, TO DELETE CANCELLED CONNECTOR SPECIFICATION REFERENCES, TO REMOVE GOVERNMENT JARGON/CONVERSION INFORMATION, TO CHANGE ALL DIMENSIONS TO FOUR DECIMAL PLACES, TO REMOVE THE PROCUREMENT SPECIFICATION, TO ADD THE APPLICABLE CONNECTOR SPECIFICATION TO THE DOCUMENT TITLE, AND TO UPDATE DOCUMENT TO MOST CURRENT SAE GUIDELINES.

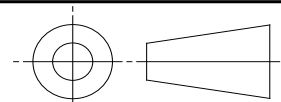


CONTACT SIZE: 20
NUMBER OF CONTACTS: 7
SERVICE RATING: I

FIGURE 1 - INSERT ARRANGEMENT 7-50

For more information on this standard, visit
<https://www.sae.org/standards/content/AS33699B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

(R) INSERT ARRANGEMENTS, ELECTRIC
CONNECTOR, SHELL SIZE 7
(FOR AS81703 CONNECTORS)

AS33699™
SHEET 1 OF 3

REV.
B

Documents

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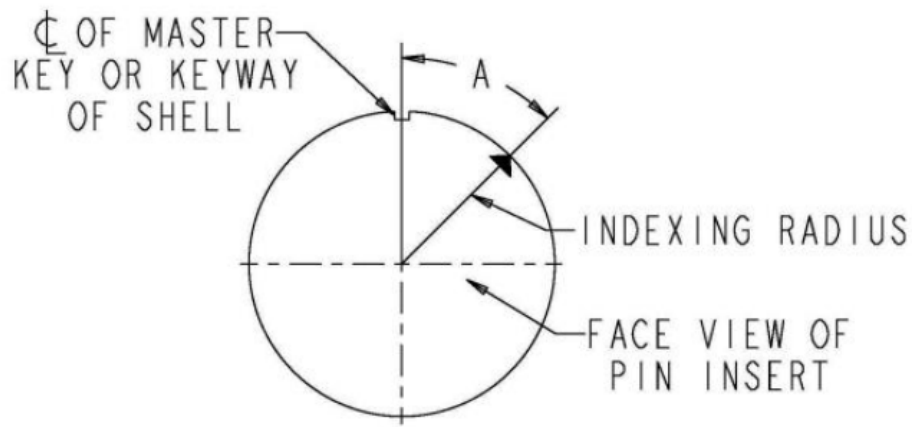


FIGURE 2 - INSERT POSITION

TABLE 1 - INSERT POSITION DETAILS (SEE FIGURE 2)

INSERT ARRANGEMENT	INSERT POSITION "A" DEGREES					
	N	W	X	Y	B	C
7-50 (C)	0°	(B)	(B)	(B)	150°	(B)

- (A) ↑ TO BE WITHIN .005 INCHES OF THE REQUIRED POSITION
- (B) THESE INSERT POSITIONS ARE NOT TO BE PROVIDED
- (C) INSERT ARRANGEMENT 7-50 SUPERSEDES AND IS INTERCHANGEABLE WITH INSERT ARRANGEMENT -7

NOTES:

1.  INDICATES "MASTER KEY OR KEYWAY OF SHELL".
2. ↑ INDICATING TERMINUS OF "INDEXING RADIUS OF INSERT" SHALL BE PERMANENTLY MARKED ON THE INSERT FOR ALL INSERT POSITIONS OTHER THAN "N" OR "NORMAL".
3. WHEN VIEWED FROM THE ENGAGING END, IN "N" POSITION THE INDEXING RADIUS COINCIDES WITH THE CENTERLINE OF THE MASTER KEYWAY OF THE SHELL.
4. WHEN VIEWED FROM THE ENGAGING END, IN OTHER THAN "N" POSITION THE PIN INSERT IS ROTATED "A" DEGREES CLOCKWISE RELATIVE TO THE CENTERLINE OF THE MASTER KEY OR KEYWAY OF THE SHELL AS INDICATED.
5. WHEN VIEWED FROM THE ENGAGING END, IN OTHER THAN "N" POSITION THE SOCKET INSERT IS ROTATED "A" DEGREES COUNTER CLOCKWISE RELATIVE TO THE CENTERLINE OF THE MASTER KEY OR KEYWAY OF THE SHELL.
6. DIMENSIONS AND MARKINGS SHOWN IN FIGURES 1 AND 2 ARE FOR FRONT FACE OF PIN INSERT (SOCKET INSERT OPPOSITE). UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINE.
7. DIMENSIONS ARE IN INCHES. ANGLES ARE IN DEGREES. TOLERANCES: DECIMALS ±.005.
8. THIS IS A DESIGN STANDARD AND IS NOT TO BE USED AS A PART NUMBER.
9. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

	AEROSPACE STANDARD		AS33699™ SHEET 2 OF 3	REV. B
	(R) INSERT ARRANGEMENTS, ELECTRIC CONNECTOR, SHELL SIZE 7 (FOR AS81703 CONNECTORS)			

