

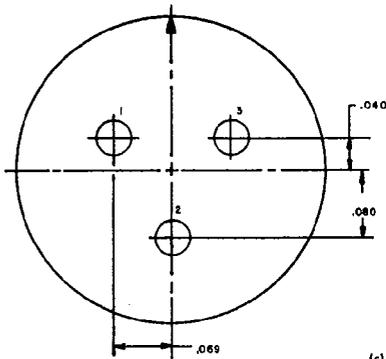
APPROVED 14 MAY 59 REVISED 20 FEB 61 6 SEPT 62 1 OCT 62 1 NOV 1965 18 Sept 1969 21 July 1971

CONTACT:
SERVICE RATING:

INSERT ARR.

CONTACT:
SERVICE RATING:

INSERT ARR.



CONTACT: (3) # 20
SERVICE RATING:

INSERT ARR. 3-50

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

INDICATES "MASTER KEY OR KEYWAY OF SHELL"

INDICATING TERMINUS OF "INDEXING RADIUS OF INSERT" SHALL BE PERMANENTLY MARKED ON THE INSERT.
IN "N" POSITION THE INDEXING RADIUS COINCIDES WITH ξ OF THE "MASTER KEY OR KEYWAY OF SHELL"

IN OTHER THAN "N" POSITION THE PIN INSERT IS ROTATED α DEGREES CLOCKWISE RELATIVE TO ξ OF THE "MASTER KEY OR KEYWAY OF SHELL" AS INDICATED.

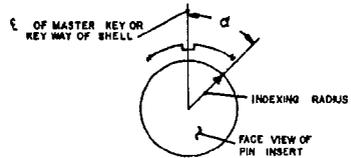
IN OTHER THAN "N" POSITION THE SOCKET INSERT IS ROTATED α DEGREES COUNTER-CLOCKWISE RELATIVE TO ξ OF THE "MASTER KEY OR KEYWAY OF SHELL."

DIMENSIONS IN INCHES. ANGLES IN DEGREES. TOLERANCES: DECIMALS $\pm .005$

THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.



INSERT POSITION FIGURE

INSERT ARR.	INSERT POSITIONS α DEGREES (a)					
	M	W	X	Y	B	O
3-50 (c)	O	(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 ARR 3-50 SUPERSEDES AND IS INTERCHANGEABLE WITH INSERT ARR -3.

RECEPTACLES (Ref)

MS3130	PLUGS (Ref)
MS3132	MS3137
MS3134	MS3138
MS3139	MS3147
MS3140	MS3148
MS3143	MS3446
MS3144	MS3467
MS3145	MS3468
MS3149	MS3445
MS3424	
MS3463	
MS3464	
MS3466	
MS3469	

P.A. NAVY-AS

International Interest

TITLE

INSERT ARRANGEMENTS, ELECTRIC CONNECTOR, SHELL SIZE 3

MILITARY STANDARD

MS33698(NAVY)

Procurement Specification
MIL-C-81703

SUPERSEDES:

SHEET 1 OF 1

DD FORM 10 APR 64 672

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-N668-17

(Limited Coordination)

This standard has been approved by the Department of the NAVY and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.