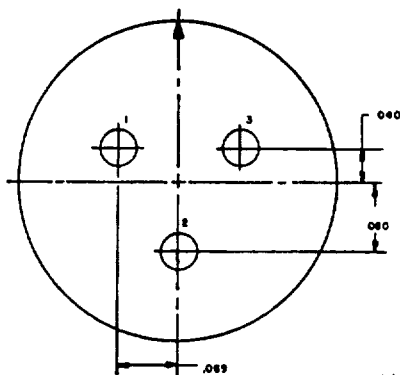


FED SUP CLASS  
5935CONTACT  
SERVICE RATING

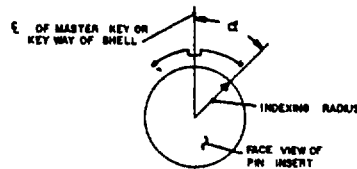
INSERT ARR

CONTACT  
SERVICE RATING

INSERT ARR

CONTACT (3) # 20  
SERVICE RATING 2

INSERT ARR. 3-50



INSERT POSITION FIGURE

INSERT ARR	INSERT POSITIONS $\alpha$ DEGREES (a)					
	H	W	X	Y	B	C
3 50 (a)	O	(a)	(b)	75°	(b)	(b)

(a)  $\uparrow$  TO BE WITHIN .003 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 3DIMENSIONS 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 "H" POSITION THE INDEXING RADIUS COINCIDES WITH  $\epsilon$  OF THE "MASTER KEY OR KEYWAY OF SHELL"IN OTHER THAN "H" POSITION THE PIN INSERT IS ROTATED  $\alpha$  DEGREES CLOCKWISE RELATIVE TO  
 $\epsilon$  OF THE "MASTER KEY OR KEYWAY OF SHELL" AS INDICATEDIN OTHER THAN "H" POSITION THE SOCKET INSERT IS ROTATED  $\alpha$  DEGREES COUNTER-CLOCKWISE  
RELATIVE TO  $\epsilon$  OF THE "MASTER KEY OR KEYWAY OF SHELL"

## RECEPTACLES (Ref)

## PLUGS (Ref)

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

DIMENSIONS IN INCHES ANGLES IN DEGREES TOLERANCES: DECIMALS  $\pm .003$ 

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

P A NAVY-AS

International  
Interest

TITLE

INSERT ARRANGEMENTS, ELECTRIC  
CONNECTOR, SHELL SIZE 3

MILITARY STANDARD

Other Cust

MS33698(NAVY)

Procurement Specification  
MIL-C-81703

SUPERSEDES

SHEET | OF |

DD FORM 672  
10 APR 64

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.

APPROVED 14 MAY 59 REVISED (A) 28 FEB 61 (B) 6 SEPT 62 (C) 1 OCT 62 (D) 1 NOV 65 (E) 18 SEPT 1969 (F) 21 JULY 1971