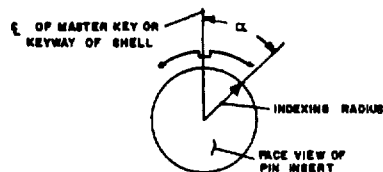
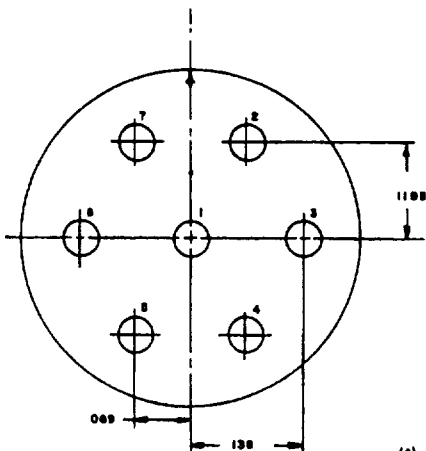


FED SUP CLASS  
5935CONTACT  
SERVICE RATING\*

INSERT ARR

CONTACT  
SERVICE RATING

INSERT ARR



INSERT POSITION FIGURE

INSERT ARR	INSERT POSITIONS $\alpha$ DEGREES (a)					
	N	W	X	Y	B	O
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 ARR 7 50 SUPERSEDES AND IS INTERCHANGEABLE WITH INSERT ARR -7

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  $\epsilon$  OF THE "MASTER KEY OR KEYWAY OF SHELL"

IN OTHER THAN "N" POSITION THE PIN INSERT IS ROTATED  $\alpha$  DEGREES CLOCKWISE RELATIVE TO  $\epsilon$  OF THE "MASTER KEY OR KEYWAY OF SHELL" AS INDICATED

IN OTHER THAN "N" POSITION THE SOCKET INSERT IS ROTATED  $\alpha$  DEGREES COUNTER-CLOCKWISE RELATIVE TO C 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

## 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 7

MILITARY STANDARD

Other Cust

MS33699(NAVY)

Procurement Specification  
MIL-C-81703

SUPERSEDES

SHEET | OF |

DD FORM 672  
10 APR 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-N668-18

(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 28 FEB 61 6 SEPT 62 1 OCT 62 1 NOV 1965 18 Sept 1969 21 July 1971