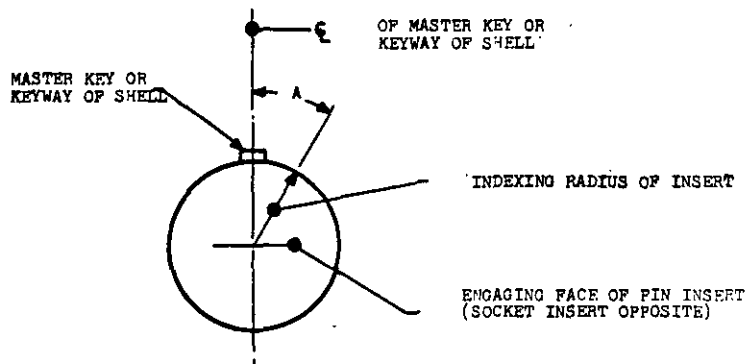


FED. SUP CLASS

5935



## NOTES:

1. DIMENSIONS IN INCHES, DIMENSIONING IN ACCORDANCE WITH ANSI Y14.5-1966.
2. DIMENSIONS LOCATING CONTACTS AND INSERTS ARE TRUE POSITION. FOLLOWING TOLERANCES APPLY TO INSERT INSTALLED IN SHELL.
  - (A) FOR CRIMP CONTACT CONNECTORS, CENTER OF EACH HOLE IN INSERT SHALL BE LOCATED AT TRUE POSITION WITHIN .014 DIA.  $\pm .014$  DIA.
  - (B) CENTER OF ENGAGING END OF EACH CONTACT SHALL BE LOCATED AT TRUE POSITION WITHIN .024 DIA.  $\pm .024$  DIA.
3. DIMENSIONS AND MARKINGS SHOWN ARE FOR ENGAGING FACE OF PIN INSERT (SOCKET INSERT OPPOSITE).
4. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES.
5. EACH INSERT ARRANGEMENT IS SHOWN IN ITS NORMAL POSITION IN THE SHELL.
6. IN NORMAL POSITION THE INDEXING RADIUS COINCIDES WITH  $\phi$  OF THE MASTER KEY OR KEYWAY OF SHELL.
7. IN ALTERNATE POSITIONS THE PIN INSERT IS ROTATED CLOCKWISE SO THAT ANGLE "A" BETWEEN THE INDEXING RADIUS AND THE  $\phi$  OF THE MASTER KEY OR KEYWAY OF SHELL IS AS REQUIRED.
8. IN ALTERNATE POSITIONS THE SOCKET INSERT IS ROTATED COUNTER-CLOCKWISE SO THAT ANGLE "A" BETWEEN THE INDEXING RADIUS AND THE  $\phi$  OF THE MASTER KEY OR KEYWAY OF SHELL IS AS REQUIRED.

CANCELED AFTER 20 February 78  
 USE MIL-STD-1669 (B)

(B) Denotes Changes

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

P.A. AIR FORCE 95 Other Cust (B)	TITLE INSERT ARRANGEMENTS MIL-C-83723 ELECTRIC CONNECTOR SIZE 18	MILITARY STANDARD MS27730(USAF)
PROCUREMENT SPECIFICATION NONE	SUPSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

5935-F089-4

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APPROVED 26 MARCH 1969 REVISED (A) 6 AUG 1971 (B) 20 Feb 78

Approved by the AFM/1001E  
 and is mandatory for use by  
 all military activities and required  
 to employ this standard where suitable.

(B) Reviewers: AF 99