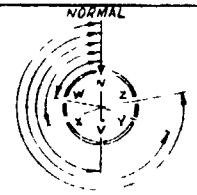
NOTICE When Government drawings specifications or other data are used for any purpose other than in connection with a definitely related Government procurement operation the United States Government thereby incurs no responsibility nor any obligation whatsoever and the fact that the Government may have formulated furnished or in any way supplied the said drawings specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation or conveying any rights or permission to manufacture use or sell any patented invention that may in any way be related thereto

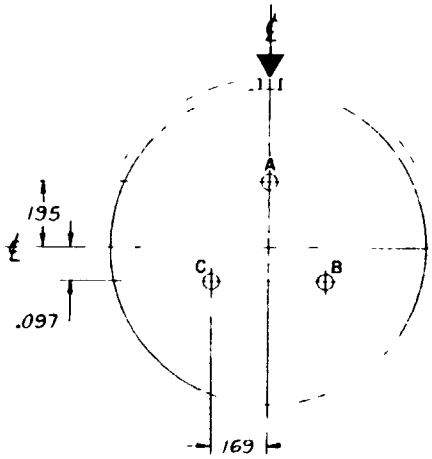


INSERT POSITIONS

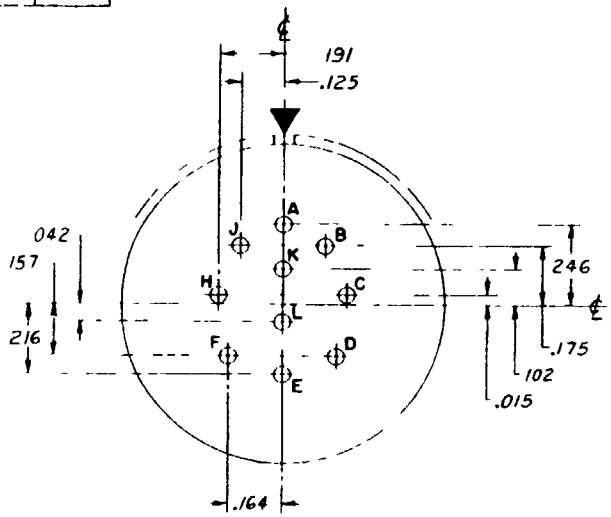
ALTERNATE INSERT POSITIONS
KEYWAY LOCATIONS (DEGREES)

INDICATOR	16-03	16-10	INDICATOR	16-03	16-10
V	180	180	E	40	40
W	80	80	F	320	320
Z	280	280	G	140	140
X	110	110	H	220	200
Y	250	250			

(B)



TYPE 16-03 (a)



TYPE 16-10 (b)

(a) NO 20 CONTACTS SERVICE 3 (A, B & C)

(b) NO 20 CONTACTS SERVICE 2 (C, E & H) SERVICE 1 (ALL OTHERS)

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ± .002.

PIN INSERTS AS VIEWED FROM ENGAGING END (SOCKET INSERTS OPPOSITE).

THIS IS A DESIGN STANDARD - NOT USED AS A PART NUMBER

APPROVED 9-JAN-58 REVISED (A) 27 MAY 58 (B) 18 OCT 60

CUSTODIANS: AIR FORCE

OTHER INT: A - N - AF -

PROCUREMENT SPECIFICATION: NONE

SUPERSEDES

MILITARY STANDARD

INSERT ARRANGEMENT - ELECTRICAL CONNECTOR RECEPTACLE

MS24242 (USAF)

SHEET 1 OF 4

DD FORM 672-1 1 OCT 52

MWM CORP DAYTON OHIO 11/60

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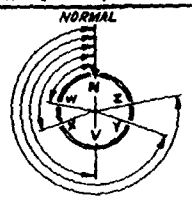
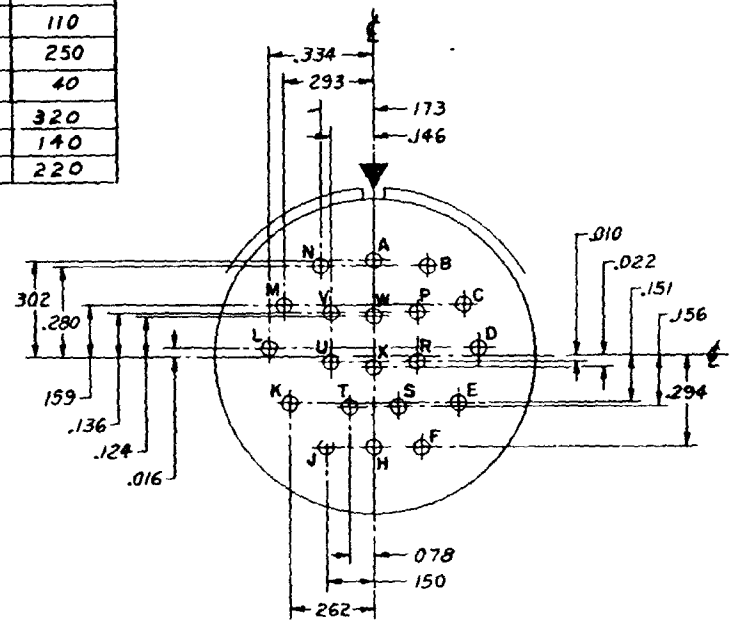


INSERT POSITIONS

ALTERNATE INSERT POSITIONS KEYWAY LOCATIONS (DEGREES)	
INDICATOR	19-20
V	180
W	80
Z	280
X	110
Y	250
E	40
F	320
G	140
H	220

(B)



TYPE 19-20 (a)

(a) NO 20 CONTACTS SERVICE 2 (A, E & K) SERVICE 1 (ALL OTHERS)

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ±.002.

PIN INSERTS AS VIEWED FROM ENGAGING END (SOCKET INSERTS OPPOSITE).

THIS IS A DESIGN STANDARD - NOT USED AS A PART NUMBER

APPROVED 9-JAN-58 REVISED (A) 27 MAY 58 (B) 18 OCT 60

FED SUP CLASS

CUSTODIANS: AIR FORCE

OTHER INT.: A- K- AF-

PROCUREMENT SPECIFICATION: NONE

SUPERSEDES:

MILITARY STANDARD

INSERT ARRANGEMENT-ELECTRICAL CONNECTOR RECEPTACLE

MS24242 (USAF)

SHEET 2 OF 4

DD FORM 672-1 1 OCT 52

M.W.M.CORP DAYTON OHIO 11/60 3500

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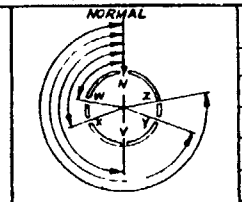
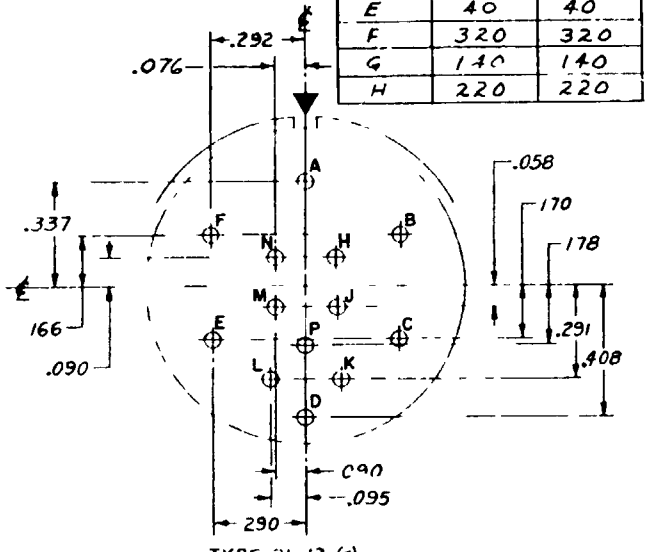


INSERT POSITIONS

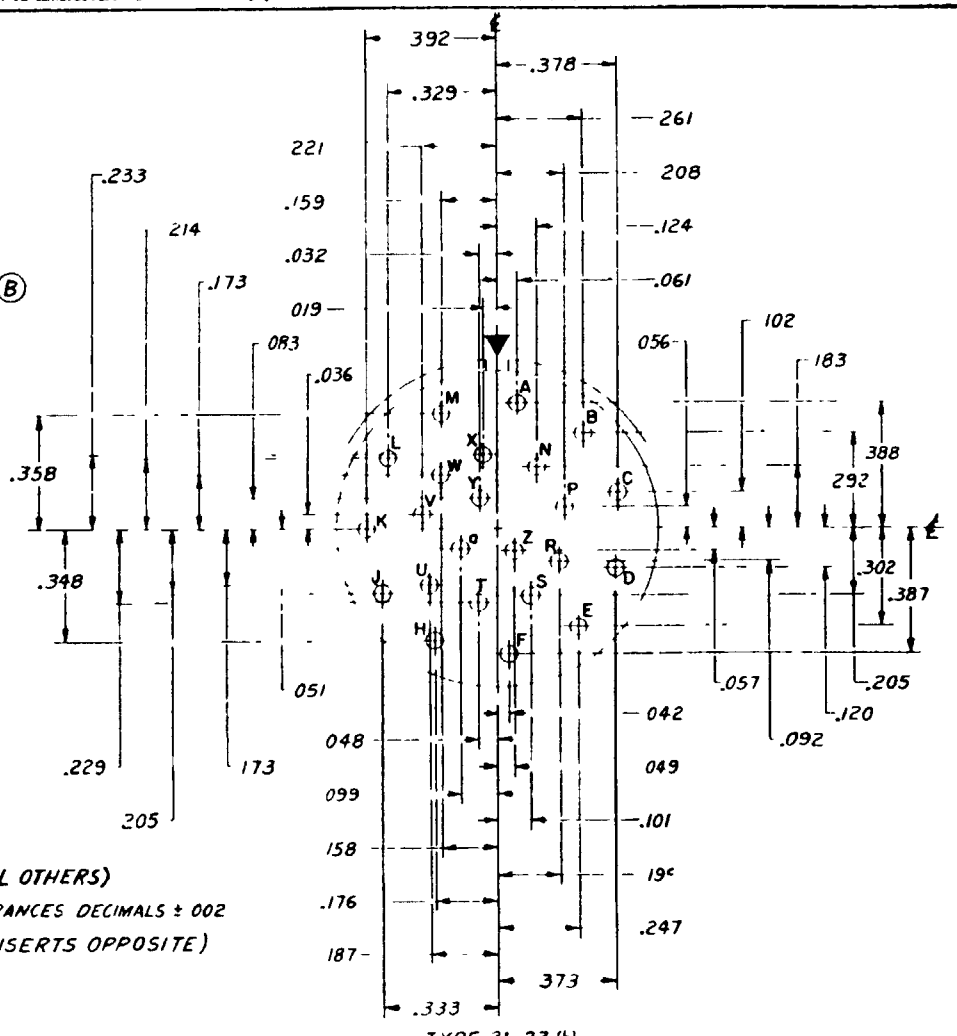
ALTERNATE INSERT POSITIONS
KEYWAY LOCATIONS (DEGREES)

INDICATOR	21-13	21-23
V	180	180
W	80	80
Z	280	280
X	110	110
Y	250	250
E	40	40
F	320	320
G	140	140
H	220	220

(B)



TYPE 21-13 (a)



TYPE 21-23 (b)

(a) NO 20 CONTACTS SERVICE 3 (A,B,C E & F) SERVICE 1 (ALL OTHERS)

(b) NO 20 CONTACTS SERVICE 2 (A,B,C,D,E,F,H,K,L&M) SERVICE 1 (ALL OTHERS)

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ± 002

PIN INSERTS AS VIEWED FROM ENGAGING END (SOCKET INSERTS OPPOSITE)

THIS IS A DESIGN STANDARD - NOT USED AS A PART NUMBER

APPROVED 9-JAN-58 REVISED (A) 27 MAY 58 (B) 18 OCT 60

CUSTODIANS
AIR FORCE

OTHER INT
A -
N -
AF -

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES

MILITARY STANDARD

INSERT ARRANGEMENT - ELECTRICAL CONNECTOR RECEPTACLE

MS24242 (USAF)

SHEET 3 OF 4

DD FORM 672-1
1 OCT 57

MWMCORP DAYTON, OHIO
11/60
3500

FED SUP CLASS

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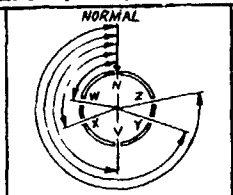
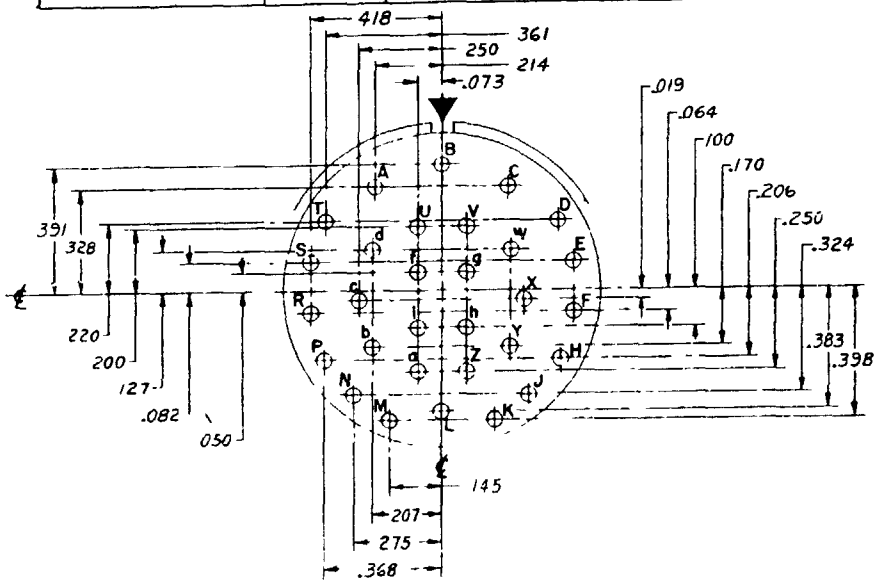


INSERT POSITIONS

ALTERNATE INSERT POSITIONS KEYWAY LOCATIONS (DEGREES)

INDICATOR	21-30	21-50	INDICATOR	21-30
V	180	—	E	40
W	80	80	F	320
Z	280	280	G	140
X	110	110	H	220
Y	250	250		

(B)



TYPE 21-30 (a)

(a) NO 20 CONTACTS SERVICE 2 (A,B & C) SERVICE 1 (ALL OTHERS)

(B)

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES DECIMALS ± .002.

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APPROVED 9-JAN-58 REVISED (A) 27 MAY 58 (B) 18 OCT 60

FTD SLP CLASS

CUSTODIANS: AIR FORCE

OTHER INT: A- N- AF-

PROCUREMENT SPECIFICATION: NONE

SUPERSEDES:

MILITARY STANDARD

INSERT ARRANGEMENT - ELECTRICAL CONNECTOR RECEPTACLE

MS24242 (USAF)

SHEET 4 OF 4

DD FORM 672-1 OCT 52

MWMCORP DAYTON, OHIO 3500 11/60