

NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON 6, D. C.

INSERT ARRANGEMENT: -61

CONTACTS: 61-SIZE 20

SHELL SIZE: 24

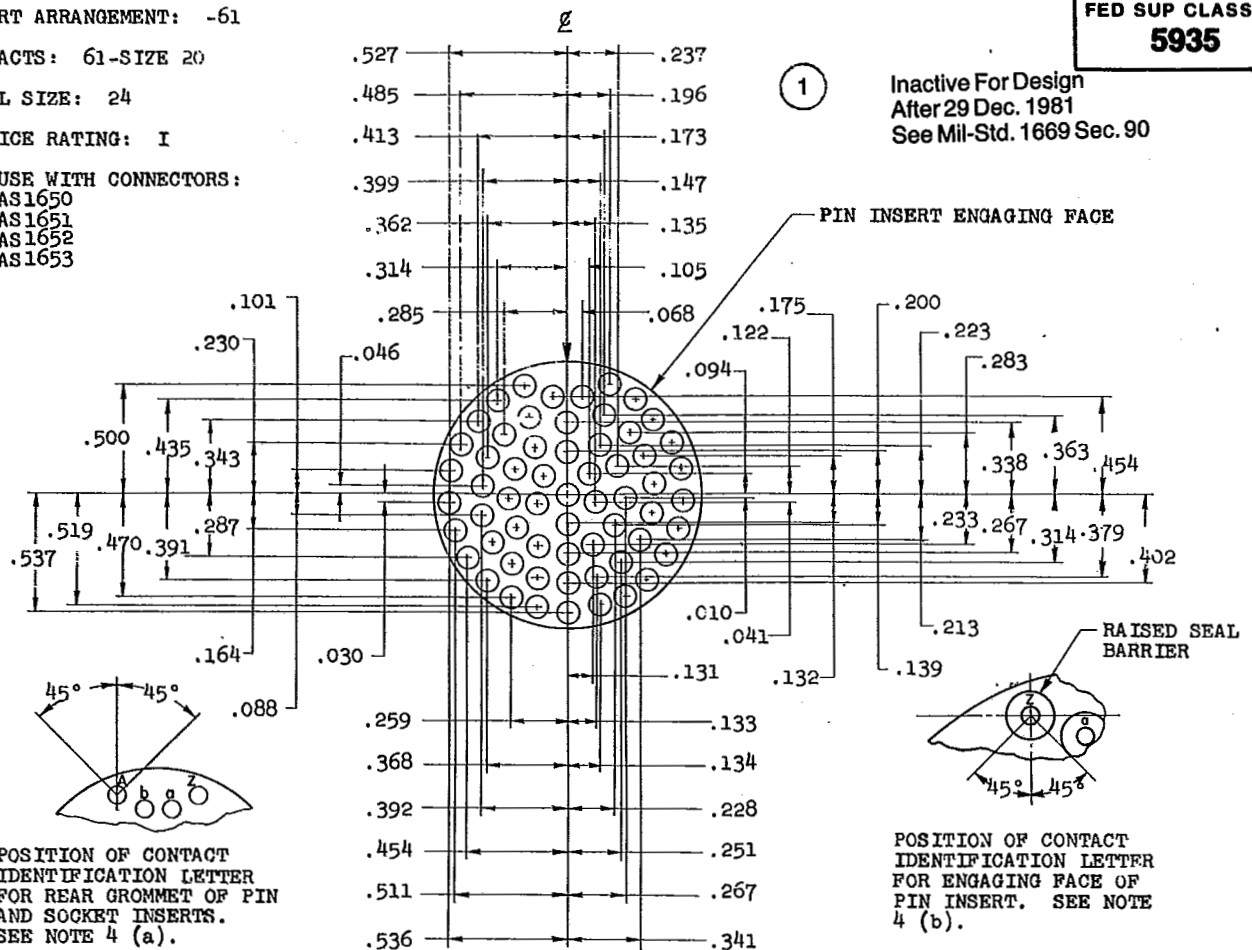
SERVICE RATING: I

FOR USE WITH CONNECTORS:

NAS1650
NAS1651
NAS1652
NAS1653

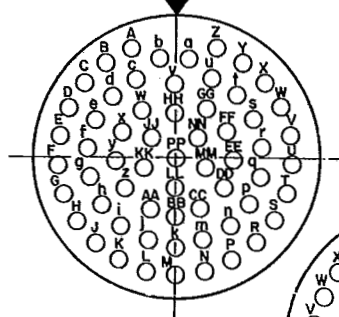
FED SUP CLASS
5935

Inactive For Design
After 29 Dec. 1981
See Mil-Std. 1669 Sec. 90

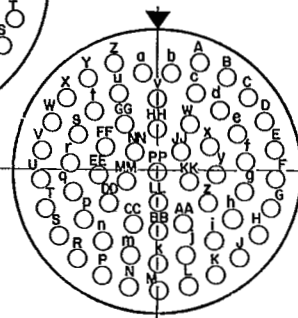


POSITION OF CONTACT
IDENTIFICATION LETTER
FOR REAR GROMMET OF PIN
AND SOCKET INSERTS.
SEE NOTE 4 (a).

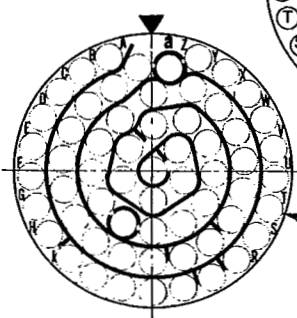
POSITION OF CONTACT
IDENTIFICATION LETTER
FOR ENGAGING FACE OF
PIN INSERT. SEE NOTE
4 (b).



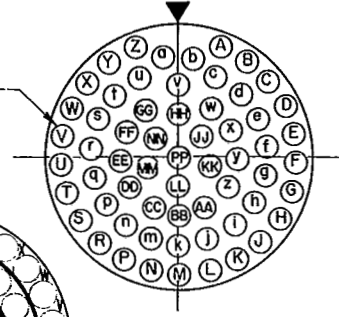
REAR GROMMET
PIN INSERT



REAR GROMMET
SOCKET INSERT

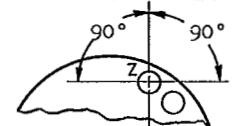


ENGAGING FACE
SOCKET INSERT



ENGAGING FACE
PIN INSERT

CHAMFERED LEAD-INS



FOR POSITION OF CONTACT
IDENTIFICATION LETTER FOR
ENGAGING FACE OF SOCKET
INSERT, SEE NOTE 4 (c)

LIST OF ACTIVE SHEETS

SHEET	REVISION
1	1
2	1

FOR GENERAL NOTES SEE LAST SHEET

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

TITLE

INSERT ARRANGEMENT, ELECTRICAL CONNECTOR, SHELL SIZE 24

CLASSIFICATION
DESIGN STANDARD

NAS 1661

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NATIONAL AEROSPACE STANDARD

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THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.

- NOTES: 1. THE SYMBOL ▼ INDICATES LOCATION OF INSERT VERTICAL $\angle$.
2. DIMENSIONS SHOWN ARE FOR FRONT FACE OF PIN INSERT (SOCKET INSERT OPPOSITE). UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETERICAL ABOUT CENTERLINE.
3. TOLERANCES: DECIMALS $\pm .002$, ANGLES $\pm 1/2^\circ$.
4. CONTACT IDENTIFICATION:
- (a) CONTACT IDENTIFICATION LETTERS ON REAR GROMMET FACE OF SOCKET AND PIN INSERT SHALL BE WITHIN 45° EITHER SIDE OF VERTICAL CENTERLINE ABOVE THE CONTACT CAVITY.
- (b) LETTERS ON THE ENGAGING FACE OF THE PIN INSERT SHALL BE ON THE RAISED SEAL BARRIER ABOVE OR ELONGATED BESIDE THE PIN CONTACT CAVITY. LETTERS SHALL NOT EXTEND INTO THE LOWER SECTOR OF THE RAISED SEAL BARRIER WHICH EXTENDS 45° EITHER SIDE OF THE VERTICAL $\angle$.
- (c) LETTERS AND A SPIRAL LINE SHALL BE PLACED ON SOCKET INSERT ENGAGING FACE AS SHOWN. THE LETTERS SHALL BE ABOVE THE HORIZONTAL CENTERLINE OF THE CHAMFERED LEAD-INS.
5. FOR PART NUMBER EXAMPLES, SEE CONNECTOR DRAWINGS.
6. FOR AVAILABLE ALTERNATE POLARIZING POSITIONS, SEE CONNECTOR DRAWINGS.

1
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PROCUREMENT SPECIFICATION	TITLE INSERT ARRANGEMENTS - ELECTRICAL CONNECTOR SHELL SIZE 24	CLASSIFICATION DESIGN STANDARD
		NAS 1661 SHEET 2

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Documents

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