

NATIONAL AEROSPACE STANDARD

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

FED SUP CLASS
5935

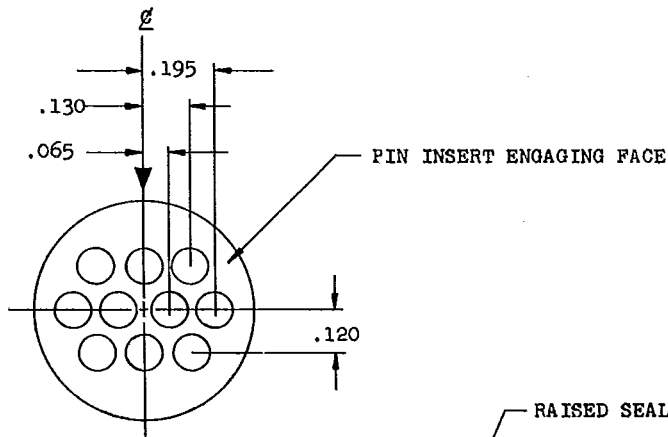
INSERT ARRANGEMENT: -10

CONTACTS: 10-SIZE 20

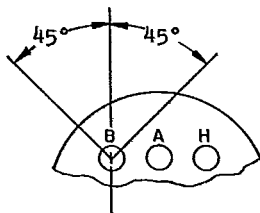
SHELL SIZE: 12

SERVICE RATING: I

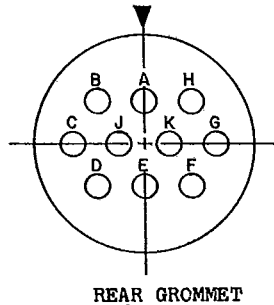
FOR USE IN CONNECTORS:

NAS1650
NAS1651
NAS1652
NAS1653

1
Inactive For Design
After 29 Dec. 1981
See Mil-Std. 1669 Sec. 30

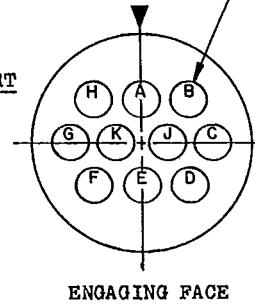


POSITION OF CONTACT
IDENTIFICATION LETTER
FOR REAR GROMMET OF PIN
AND SOCKET INSERTS.
SEE NOTE 4 (a).

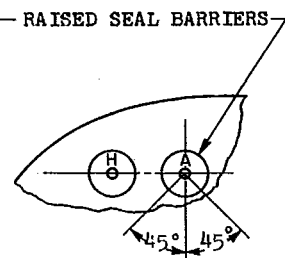


REAR GROMMET

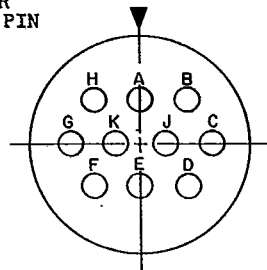
PIN INSERT



ENGAGING FACE

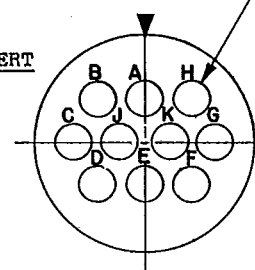


POSITION OF CONTACT
IDENTIFICATION LETTER
FOR ENGAGING FACE OF
PIN INSERT. SEE NOTE
4 (b).



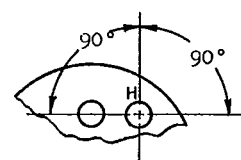
REAR GROMMET

SOCKET INSERT



ENGAGING FACE

CHAMFERED LEAD-INS



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

FOR GENERAL NOTES SEE LAST SHEET

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

TITLE

INSERT ARRANGEMENT, ELECTRICAL CONNECTOR, SHELL SIZE 12

CLASSIFICATION
DESIGN STANDARD

NAS 1655

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NATIONAL AEROSPACE STANDARD

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

AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF PATENTS TO THE SUBJECT MATTER OF NAS STANDARDS AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS.

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 $\varnothing$.
 2. DIMENSIONS SHOWN ARE FOR FRONT FACE OF PIN INSERT (SOCKET INSERT OPPOSITE). UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRIC ABOUT CENTERLINE.
 3. TOLERANCES: DECIMALS ± 0.002 , 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 $\varnothing$.
 - (c) LETTERS 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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See Mil-Std. 1669 Sec. 30

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

TITLE

INSERT ARRANGEMENTS - ELECTRICAL CONNECTOR SHELL SIZE 12

CLASSIFICATION
DESIGN STANDARDNAS 1655
SHEET 1

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