

NATIONAL AEROSPACE STANDARD

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

FED SUP CLASS
5935

AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF THIS DRAWING TO THE DESIGN OF A PRODUCT OR TO THE DESIGN OF A PROCESS, 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.

② INACTIVE FOR DESIGN JUNE 1980. NO
SUPERSEDING STANDARD. FOR DESCRIPTION
OF STATUS NOTES SEE NAS380.

LIST OF ACTIVE SHEETS	
SHEET	REVISION
1	2
2	1
3	2
4	2

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

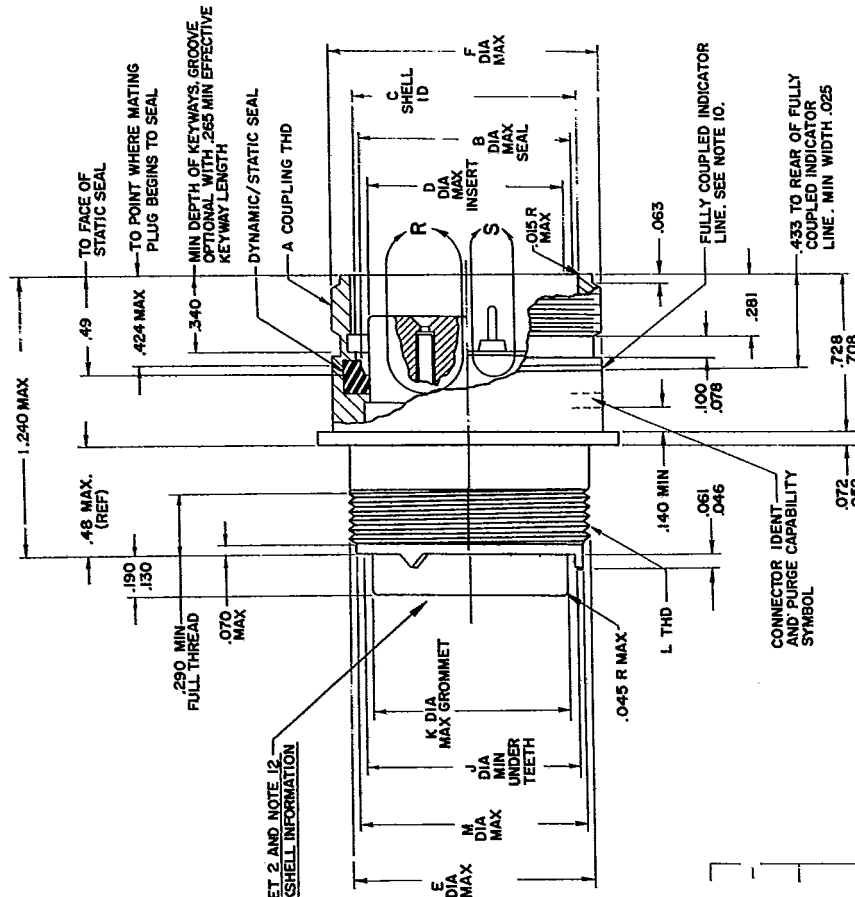
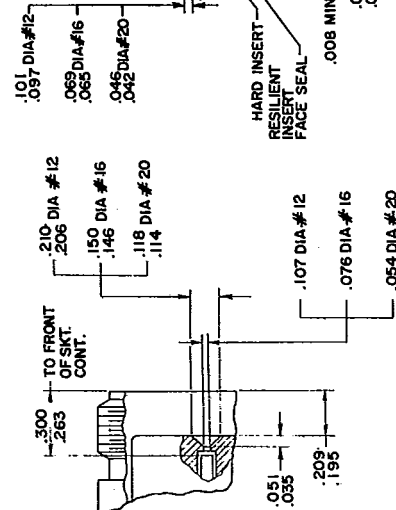
NAS 1599

TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL,
FLANGE MOUNT, THREAD COUPLINGCLASSIFICATION
STANDARD PARTNAS Documents
SHEET 1 OF 1Published and distributed by: National Standards Assoc., Inc.,
5161 River Road
Washington D.C. 20016

(C)

Aerospace Industries Association of America, Inc. 1981

Licensee: www.sepana.ir/5991803002, User=sam, albert
Not for Resale, 01/09/2016 03:45:15 MSTSEE SHEET 2 AND NOTE 12
FOR BACKSHELL INFORMATIONSEE SHEET 3 FOR KEYWAY POSITIONS AND
INSERT ROTATION POSITION.125 DIA TYP 4 HOLES LOCATED WITHIN .0025 R
OF (TP) AT (MMC) RELATIVE TO C DIA AT (MMC)
AND RELATIVE TO THE MASTER KEYWAY
WITHIN .010 EITHER SIDE OF (TP) AT (MMC)

DETAIL R

DETAIL S

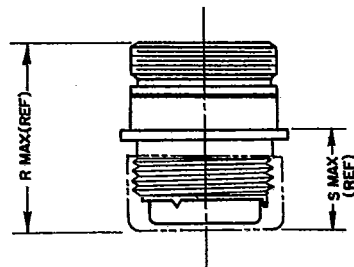
APPROVAL DATE May 1964 REVISION ① 15 Sept. 1965 ② June 1980

NATIONAL AEROSPACE STANDARD

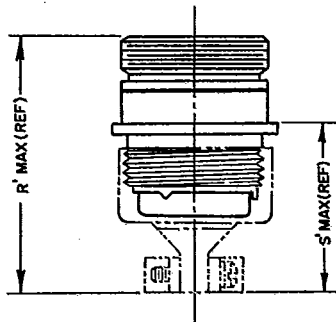
AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON 6, D. C.

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.

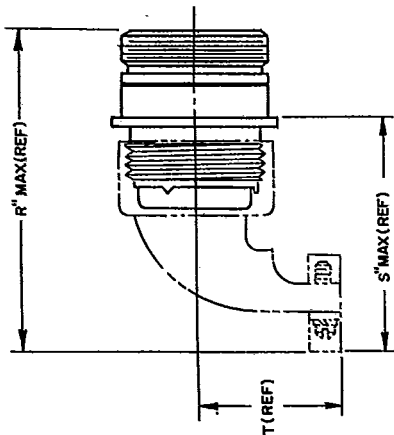
THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.



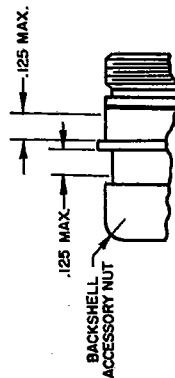
ASSEMBLED TO STRAIGHT BACKSHELL
LESS STRAIN RELIEF (NAS1665)



ASSEMBLED TO STRAIGHT BACKSHELL
WITH STRAIN RELIEF (NAS1666)



ASSEMBLED TO 90° BACKSHELL
WITH STRAIN RELIEF (NAS1667)



.116 MIN CLEARANCE BETWEEN .125 PANEL
AND COUPLING RING WHEN MOUNTING FLANGE
IS IN BACK OF THE PANEL.

SIZE	R	R'	R"	S	S'	S"	T	* WEIGHT (lbs) PIN INSERT SOCKET INSERT
10	1.517	1.867	2.140	.809	1.159	1.432	.880	(WEIGHTS WILL BE SUPPLIED IN LATER REVISION)
12	1.517	1.867	2.275	.809	1.159	1.567	.950	
14	1.517	2.102	2.365	.809	1.394	1.657	1.010	
16	1.517	2.102	2.500	.809	1.394	1.792	1.070	
18	1.517	2.102	2.599	.809	1.394	1.891	1.130	
22	1.517	2.102	2.855	.809	1.394	2.147	1.260	

* WEIGHT LISTED IS FOR CONNECTOR WITH
MAX DENSITY INSERT ARRANGEMENT LESS
CONTACTS AND BACKSHELL.

① INACTIVE FOR DESIGN AFTER JUNE 1980. NO SUPERSEDING
STANDARD. FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

NAS1599

TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL,
FLANGE MOUNT, THREAD COUPLING

CLASSIFICATION
STANDARD PART

NAS 1641
Documents
Sharing Hub