

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 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

SEE SHEET 3 FOR KEYWAY POSITIONS
AND INSERT ROTATION POSITION

INDEX OF CURRENT SHEETS	
SHEET	REVISION
1	1

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION

NAS 1599

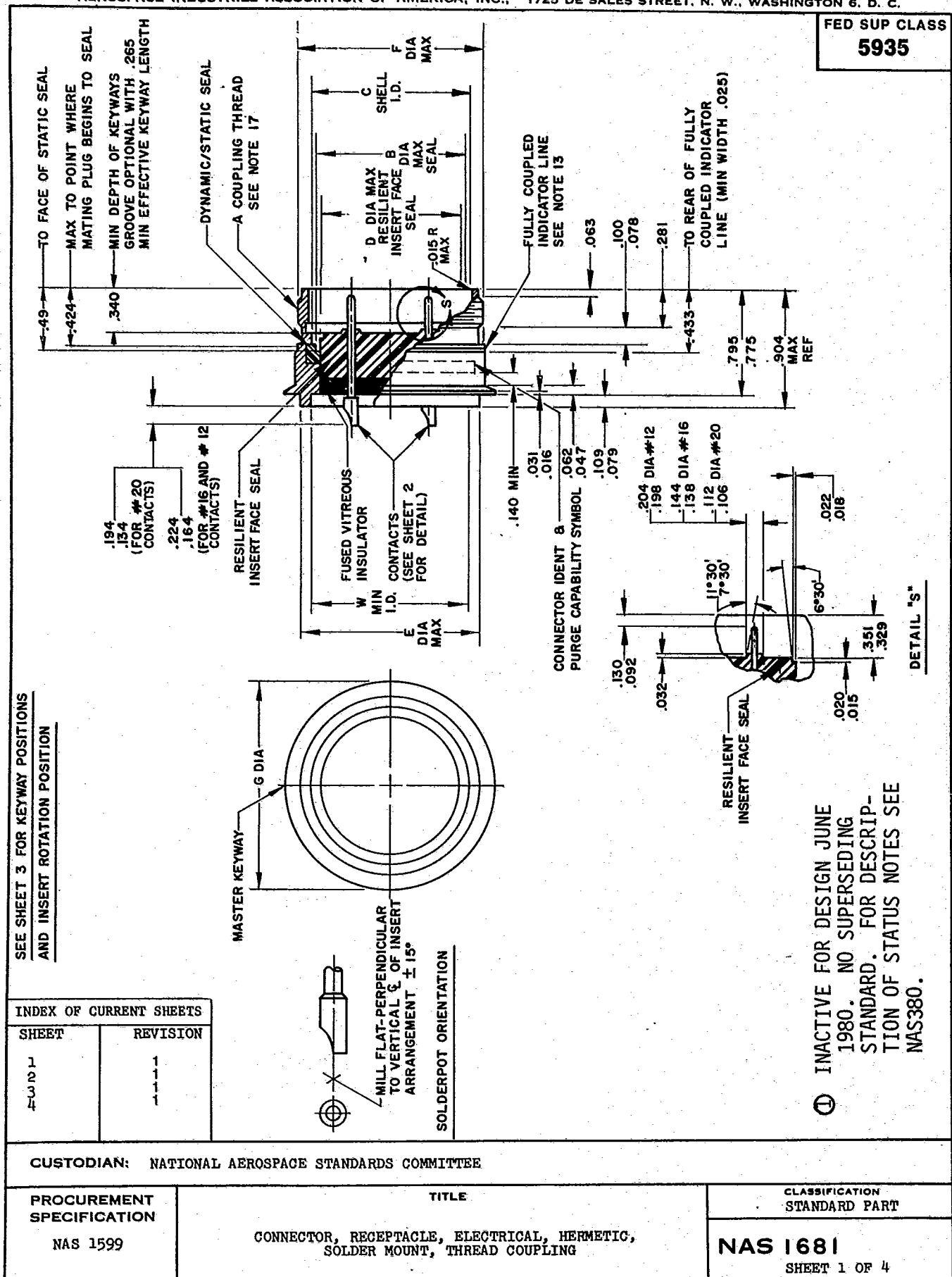
TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC,
SOLDER MOUNT, THREAD COUPLING

CLASSIFICATION
STANDARD PART

NAS 1681

SHEET 1 OF 4



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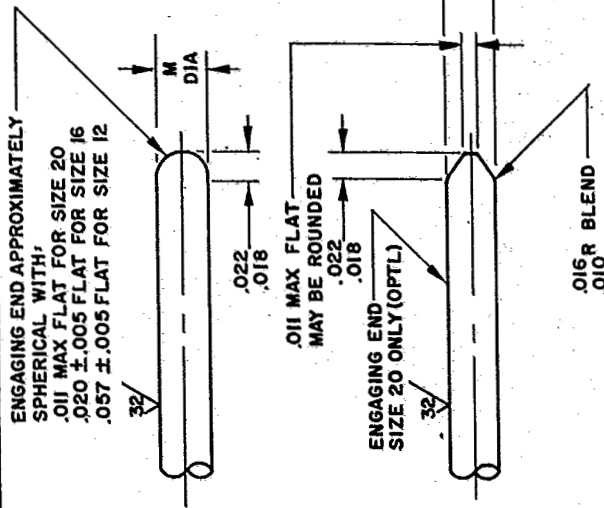
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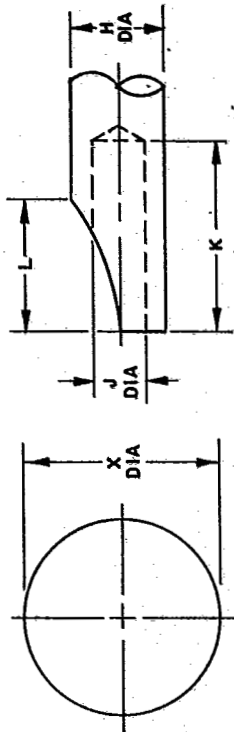
AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF PATENTS TO THE SUBJECT MATTER OF NAS STANDARDS AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BE USED FOR THE LAST DATE OF APPROVAL SHOWN HEREIN

ENGAGING END OF CONTACTS



TERMINATION END OF CONTACTS



SOLDERPOT

SHELL SIZE	X	WEIGHTS (lbs) SEE NOTE 7
10	.572	(WEIGHTS WILL BE SUPPLIED IN LATER REVISION)
12	.760	
14	.822	
16	.947	
18	1.072	
22	1.322	

CONT SIZE	M	H	J	K	L
20	.041 .039	.088 .061	.048 .042	.188 .109	.110 .068
16	.0635 .0615	.116 .096	.075 .069	.251 .172	.141 .109
12	.095 .093	.150 .130	.122 .112	.251 .172	.141 .109

NOTES:

- NOTES 1 THRU 6 APPLICABLE TO CONTACTS ONLY.
- FINISH: GOLD PLATE .000100 INCH MIN. IN ACCORDANCE WITH MIL-G-45204. A SUITABLE UNDERPLATING MAY BE USED.
- FINISH IS APPLIED AFTER SEALING.
- DIMENSIONS IN INCHES. DIMENSIONS APPLY AFTER PLATING.
- ALL OVER PER MIL-STD-10, UNLESS OTHERWISE SPECIFIED.
- REMOVE ALL BURRS AND SHARP EDGES .003 TO .005 R.
- DIAMETERS TO BE CONCENTRIC WITHIN .004 TIR.
- DIAMETERS IN THE SAME CROSS-SECTIONAL PLANE TO BE CONCENTRIC WITH EACH OTHER WITHIN .003 TIR.
- WEIGHT LISTED IS FOR CONNECTOR WITH MAXIMUM WEIGHT PER SHELL SIZE.

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

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

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CLASSIFICATION
STANDARD PART

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SHEET 2

APPROVAL DATE March 1966 REVISION

① June 1980