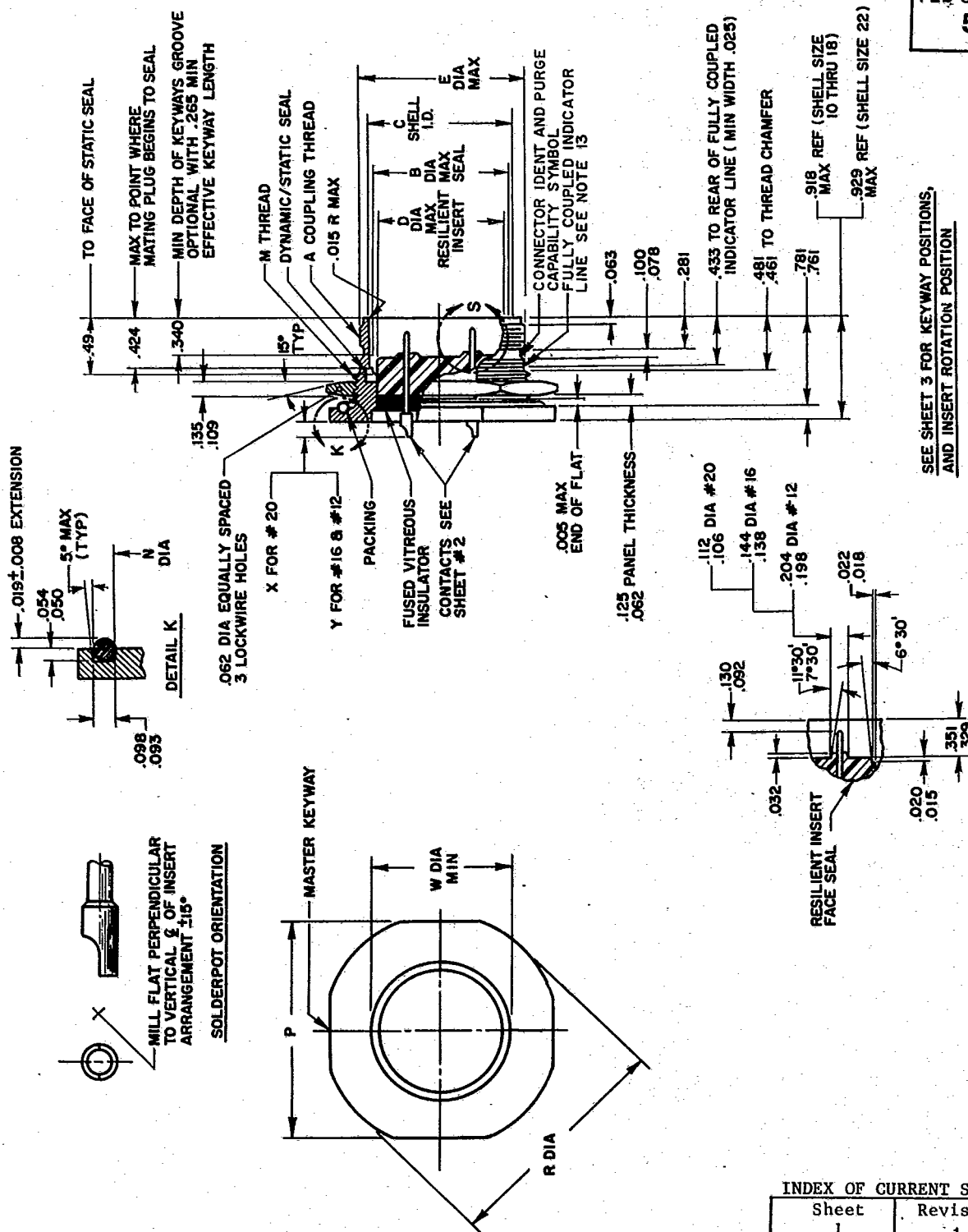


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THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.



**SEE SHEET 3 FOR KEYWAY POSITIONS,
AND INSERT ROTATION POSITION**

① INACTIVE FOR DESIGN JUNE 1980. NO
SUPERSEDING STANDARD. FOR DESCI-
PTION OF STATUS NOTES SEE NAS380

Sheet	Revision
1	1
2	1
3	1
4	1

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION NAS 1599	TITLE CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC SINGLE-HOLE MOUNT, THREAD COUPLING	CLASSIFICATION STANDARD PART NAS 1682
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NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036

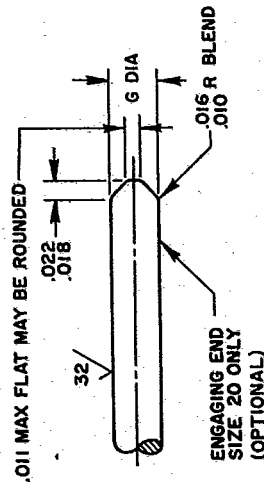
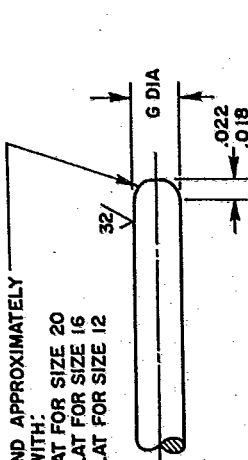
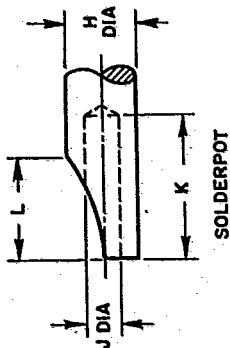
AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF PATENTS TO THE SUBJECT MATTER OF THIS STANDARD AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS

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

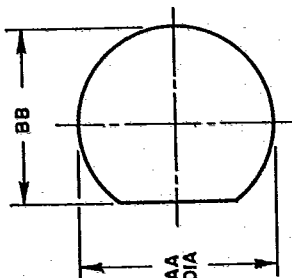
ENGAGING END OF CONTACTS

ENGAGING END APPROXIMATELY SPHERICAL WITH:

.011 MAX FLAT FOR SIZE 20
.020±.005 FLAT FOR SIZE 16
.057±.005 FLAT FOR SIZE 12

TERMINATION END OF CONTACTS

SOLDERPOT

PANEL CUTOUT

SHELL SIZE	AA	BB	WEIGHTS (LB) PIN INSERT SEE NOTE 7
10	.760	.730	(WEIGHT WILL BE —)
12	.947	.917	(WEIGHT WILL BE —)
14	1.010	.980	(WEIGHT WILL BE —)
16	1.135	1.105	(WEIGHT WILL BE —)
18	1.260	1.230	(WEIGHT WILL BE —)
22	1.510	1.480	(WEIGHT WILL BE —)

CONTACT SIZE	G	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

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

NOTES: (NOTES 1 THRU 6 APPLY 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 CONNECTORS WITH MAXIMUM WEIGHT PER SHELL SIZE.

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION

NAS 1599

TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC, SINGLE-HOLE MOUNT, THREAD COUPLING

CLASSIFICATION STANDARD PART

NAS 1682

SHEET 2

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