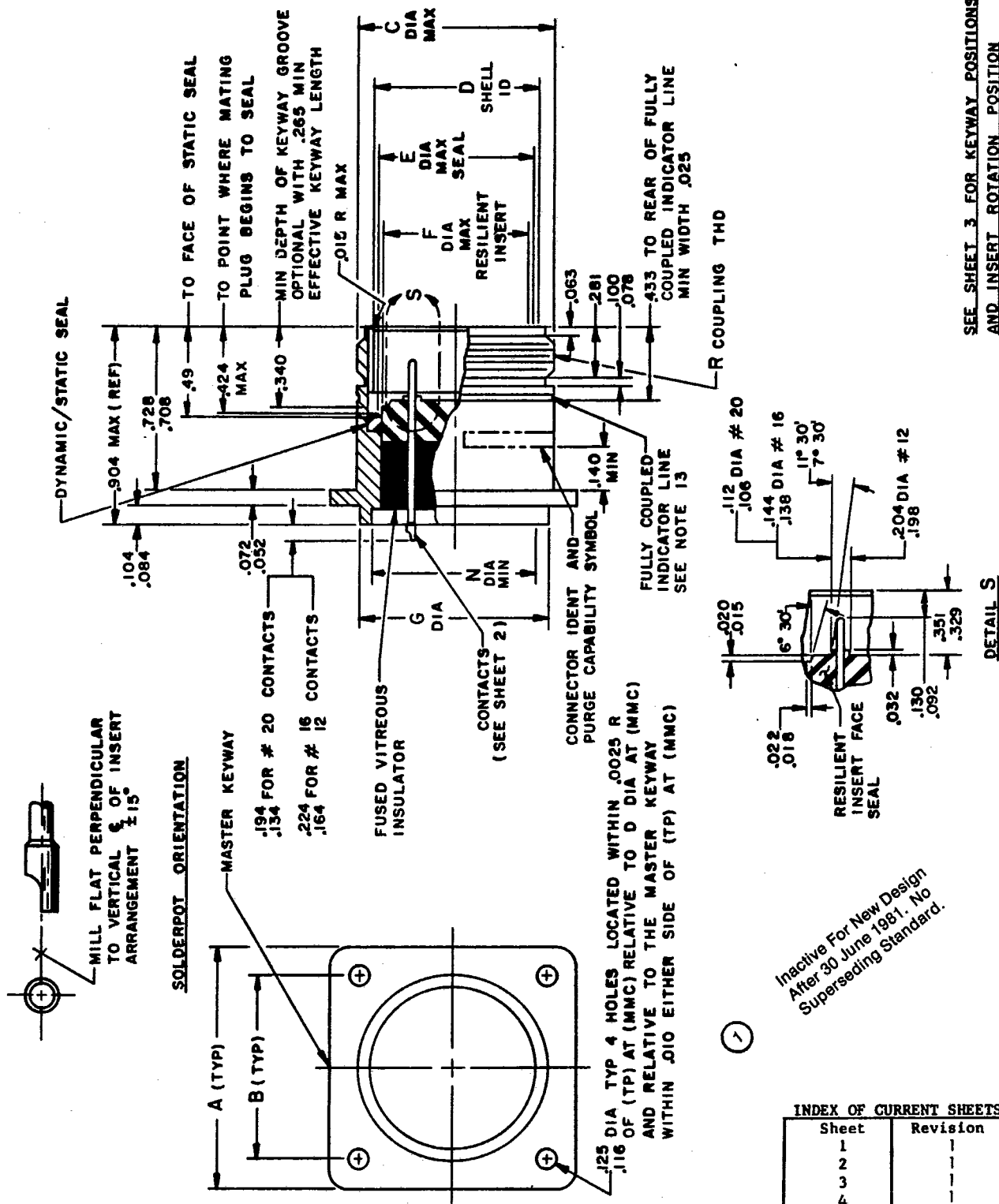


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AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF PATENTS TO THE SUBJECT MATTER OF NAS STANDARDS AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS.

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL 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

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION

NAS 1599

TITLE

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

CLASSIFICATION STANDARD PART

NAS Documents

SHEET 1 OF 4

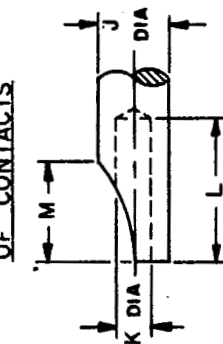
NATIONAL AEROSPACE STANDARD

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AIA AND ITS COMMITTEES WILL NOT INVESTIGATE THE APPLICABILITY OF THIS DRAWING TO OTHER THAN THE SPECIFIC STANDARDS AND IN RESPECT THEREOF DO NOT ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS

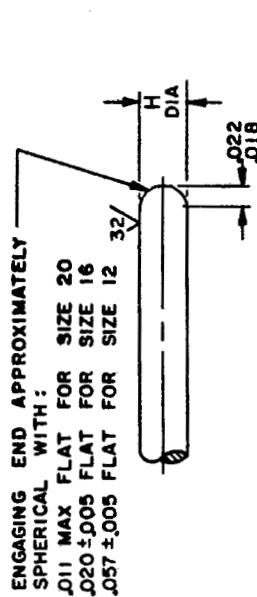
THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON

TERMINATION END OF CONTACTS



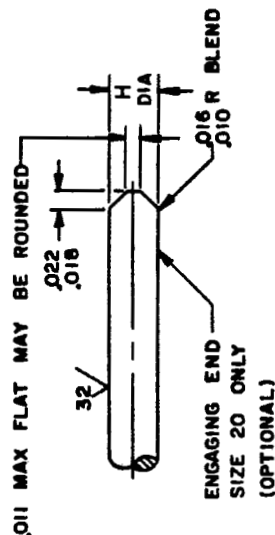
SOLDERPOT

ENGAGING END OF CONTACTS



ENGAGING END APPROXIMATELY SPHERICAL WITH:

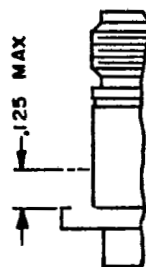
.011 MAX FLAT FOR SIZE 20
.020 ± .005 FLAT FOR SIZE 16
.057 ± .005 FLAT FOR SIZE 12



.011 MAX FLAT MAY BE ROUNDED

ENGAGING END
SIZE 20 ONLY
(OPTIONAL)

Inactive For New Design
After 30 June 1981. No
Superseding Standard.



MAX PANEL THICKNESS (TYP)

SHELL SIZE	PANEL CUTOFF DIA	WEIGHT (LB) PIN INSERT SEE NOTE 7
10	.572	(WEIGHT WILL BE SUPPLIED IN LATER REVISION)
12	.760	
14	.822	
16	.947	
18	1.072	
22	1.322	

CONTACT SIZE	H	J	K	L	M
20	.041 .039	.088 .061	.048 .042	.188 .109	.110 .068
16	.0635 .0615	.116 .096	.075 .069	.251 .172	.149 .109
12	.095 .093	.150 .130	.122 .112	.251 .172	.141 .109

NOTES: (NOTES 1 THRU 6 APPLY TO CONTACTS ONLY)

1. FINISH: GOLD PLATE .000100 INCH MIN. IN ACCORDANCE WITH MIL-G-45204. A SUITABLE UNDERPLATING MAY BE USED. FINISH IS APPLIED AFTER SEALING.
2. DIMENSIONS IN INCHES. DIMENSIONS APPLY AFTER PLATING.
3. .63/ALL OVER PER MIL-STD-10, UNLESS OTHERWISE SPECIFIED.
4. REMOVE ALL BURRS AND SHARP EDGES .003 TO .005 R.
5. DIAMETERS TO BE CONCENTRIC WITHIN .004 TIR.
6. DIAMETERS IN THE SAME CROSS-SECTIONAL PLANE TO BE CONCENTRIC WITH EACH OTHER WITHIN .003 TIR.
7. 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 FLANGE MOUNT, THREAD COUPLING

CLASSIFICATION
STANDARD PARTNAS Documents
SHEET 2

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