

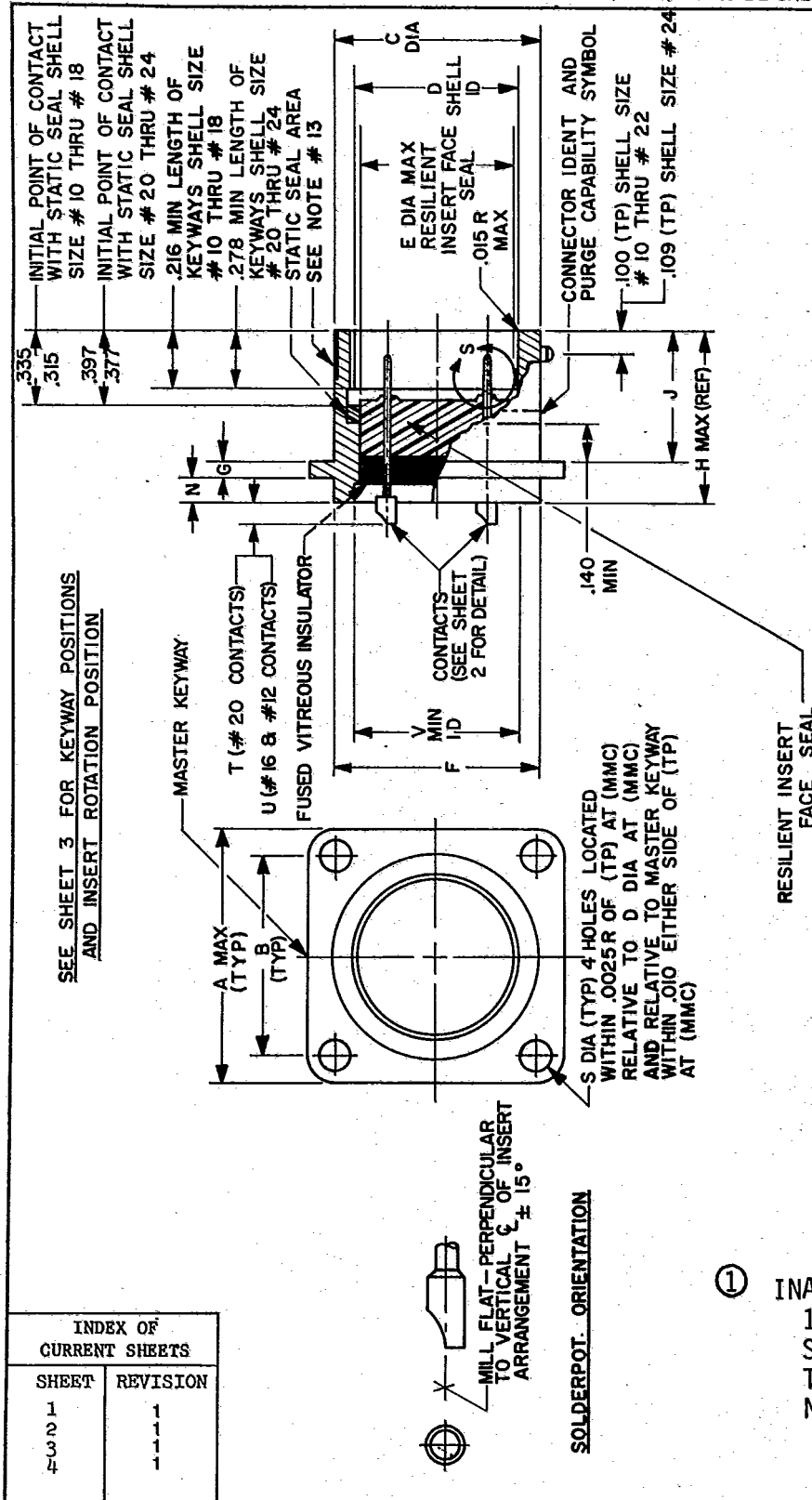
NATIONAL AEROSPACE STANDARD

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

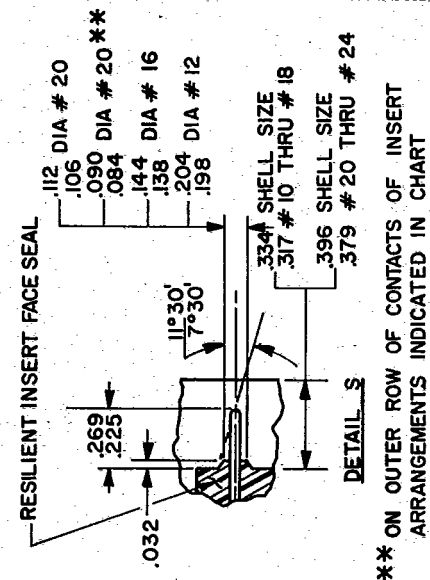
FED SUP CLASS
5935

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

INSERT ARRANGEMENTS REQUIRING REDUCED DIAMETERS FOR PIN CONTACT RAISED SEAL BARRIERS	
SHELL SIZE	CONTACT CAVITIES
12	C & G
14	A, B, C, D, E, F, G, & H
14	B, D, F, H, K, & M
16	A, B, C, D, E, F, G, H, J, K, L, M, N, P, & R
18	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, & T
22	A, B, C, D, E, F, G, H, J, K, L, M, N, P, R, S, T, U, V, W, X & Y



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

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION
NAS1599TITLE
CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC
NARROW FLANGE MOUNT, BAYONET COUPLINGCLASSIFICATION
STANDARD PART

Documents
NAS1680
SHEET 1 OF 4

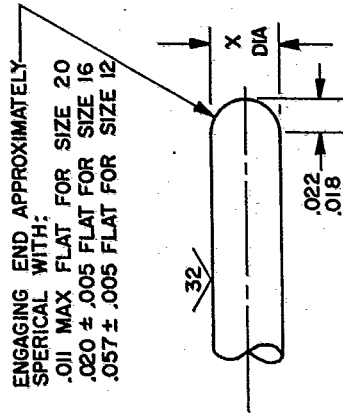
NATIONAL AEROSPACE STANDARD

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 OR IN RESPECT THEREOF OR ASSUME ANY LIABILITY TO PATENT OWNERS OR TO PROSPECTIVE USERS.

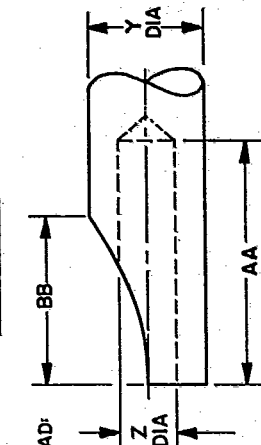
THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.

ENGAGING END OF CONTACTS



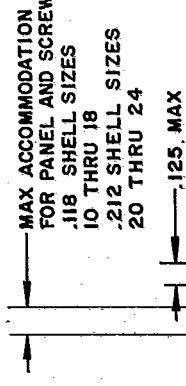
ENGAGING END APPROXIMATELY SPHERICAL WITH:
 .011 MAX FLAT FOR SIZE 20
 .020 ± .005 FLAT FOR SIZE 16
 .057 ± .005 FLAT FOR SIZE 12

TERMINATION END OF CONTACTS



SOLDERPOT

MAX PANEL THICKNESS (TYP)



SIZE	PANEL CUTOUT DIA.	WEIGHT (lbs) (SEE NOTE 1)
10	.680	(WEIGHT WILL BE SUPPLIED IN LATER REVISION)
12	.789	
14	.914	
16	1.039	
18	1.164	
20	1.258	
22	1.383	
24	1.508	

CONT SIZE	X	Y	Z	AA	BB
20	.041	.088	.048	.188	.110
	.039	.061	.042	.109	.068
16	.0635	.116	.075	.251	.141
	.0615	.096	.069	.172	.109
12	.095	.150	.122	.251	.141
	.093	.130	.112	.172	.109

NOTES: (NOTES 1 THRU 6 APPLICABLE TO CONTACTS ONLY).

- CONTACT FINISH: GOLD PLATE .000100 INCH MIN. IN ACCORDANCE WITH MIL-G-45204. A SUITABLE UNDERPLATING MAY BE USED. FINISH IS APPLIED AFTER SEALING. DIMENSIONS APPLY AFTER PLATING.
- DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED.
- ALL OVER PER MIL-STD-10, UNLESS OTHERWISE SPECIFIED.
- REMOVE ALL BURRS AND SHARP EDGES .003 TO .005 R.
- DIMETERS TO BE CONCENTRIC WITHIN .004 TIR.
- DIMETERS 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 (INCLUDES CONTACTS).

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

CUSTODIAN:

NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION

NAS1599

TITLE

CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC NARROW FLANGE MOUNT, BAYONET COUPLING

CLASSIFICATION
STANDARD PART

NAS 1680

Published and distributed by: National Standards Association, Inc.
 1321 Fourteenth Street, N. W.
 Washington 5, D. C.

Copyright, 1966, Aerospace Industries Association of America, Inc.