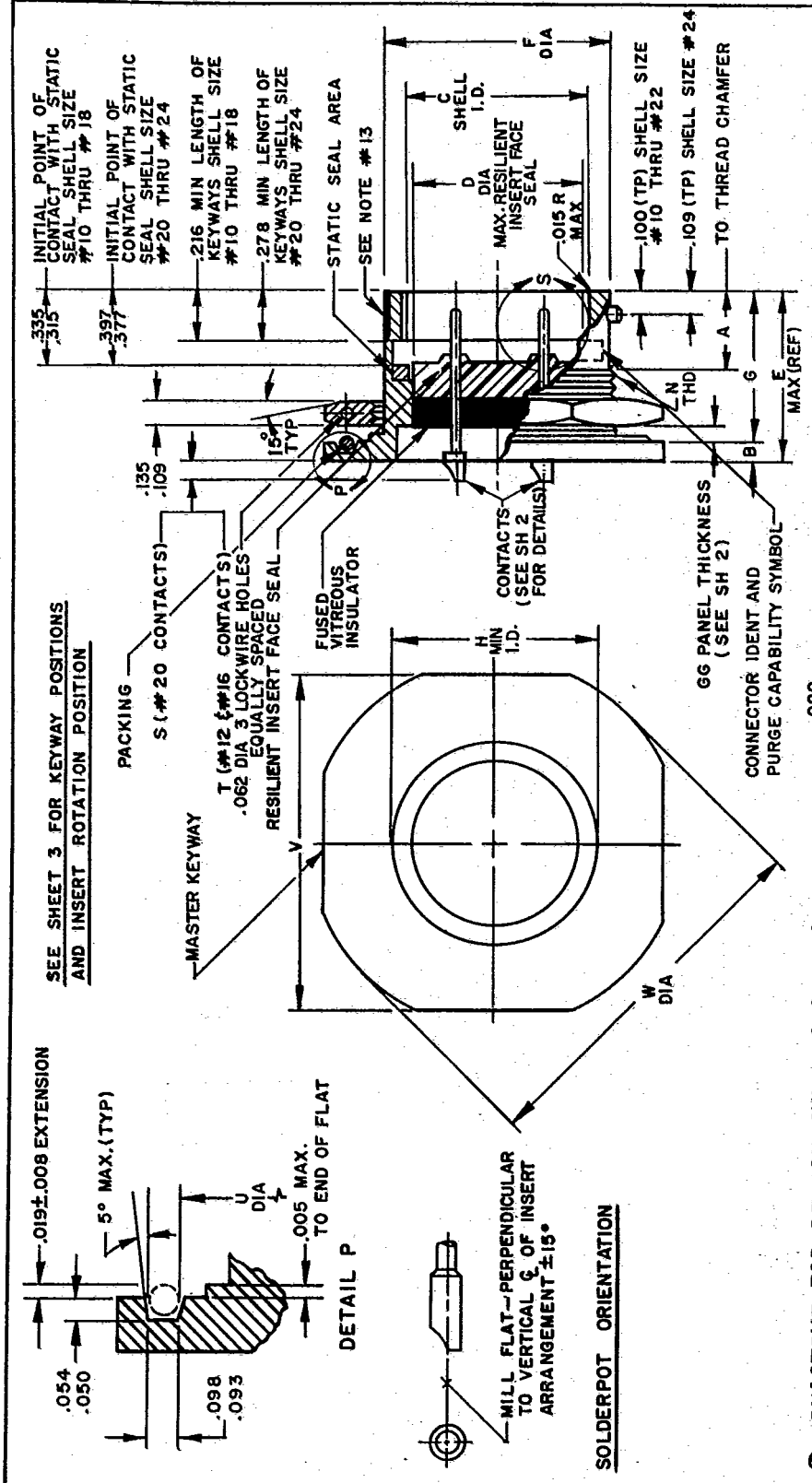
NATIONAL AEROSPACE STANDARD

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

FED SUP CLASS
5935

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

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



INSERT ARRANGEMENTS REQUIRING REDUCED DIAMETERS FOR PIN CONTACT RAISED SEAL BARRIERS		
SHELL SIZE	INSERT ARRANGE-MENTS	CONTACT CAVITIES
12	-10	C & G
14	-12	A,B,C,D,E,F,G, & H
14	-19	B,D,F,H,K & M
16	-26	A,B,C,D,E,F,G,H,J, K,L,M,N,P & R
18	-32	A,B,C,D,E,F,G,H,J, K,L,M,N,P,R,S, & T
22	-41	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.

INDEX OF CURRENT SHEETS	
SHEET	REVISION
1	1
2	1
3	1
4	1

APPROVAL DATE March 1966 REVISION ① June 1980

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION
NAS1599	CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC SINGLE-HOLE MOUNT, BAYONET COUPLING	STANDARD PART
		NAS 1679 SHEET 1 OF 4

Published and distributed by: National Standards Assoc., Inc. 5161 River Road Washington, D.C. 20016

© Aerospace Industries Association of America, Inc. 1981 All rights reserved.

Copyright Aerospace Industries Association of America Inc.
Provided by IHS under license with AIA/NAS
No reproduction or networking permitted without license from IHS
Full document details: AIA NAS1678 1980

Licensee= www.sepana.ir/5991803002, User=sam, albert
Not for Resale, 01/10/2016 00:42:37 MST

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

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

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

PROCUREMENT SPECIFICATION NAS1599

CUSTODIAN: NATIONAL AEROSPHERE STANDARDS COMMITTEE

TITLE CONNECTOR, RECEPTACLE, ELECTRICAL, HERMETIC SINGLE-HOLE MOUNT, BAYONET COUPLING

CLASSIFICATION STANDARD PART

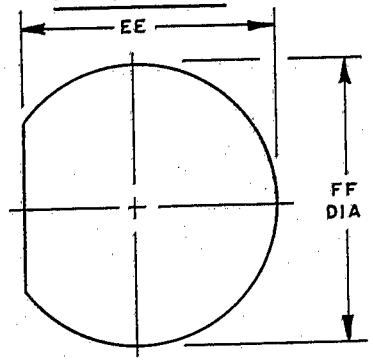
NAS 1679

SHEET 1 OF 1

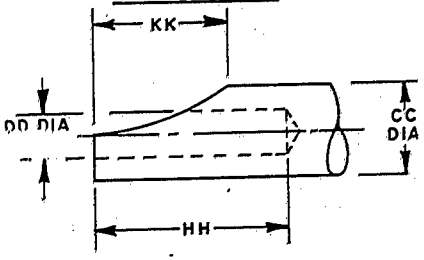
Published and distributed by: National Standards Association, Inc. 1321 Fourteenth Street, N. W. Washington 5, D. C.

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

PANEL CUTOUT

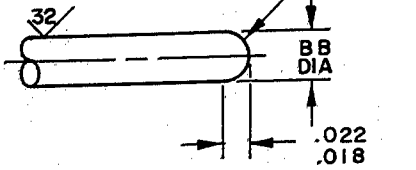


TERMINATING END OF CONTACTS

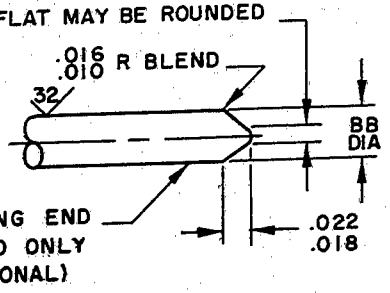


ENGAGING END OF CONTACTS

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



SOLDER POT

SIZE	EE	FF	GG	WEIGHT (lbs) SEE NOTE 7 PIN INSERT	
10	.661	.697	.187 .062	(WEIGHT WILL BE SUPPLIED IN LATER REVISION)	
12	.824	.895	.187 .062		
14	.948	1.010	.187 .062		
16	1.072	1.135	.187 .062		
18	1.197	1.260	.187 .062		
20	1.322	1.385	.250 .062		
22	1.447	1.510	.250 .062		
24	1.572	1.635	.250 .062		

CONT SIZE	BB	CC	DD	HH	KK
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

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

NOTES: (NOTES 1 THRU 6 APPLY TO CONTACTS ONLY).
1. CONTACT 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 CONNECTOR WITH MAXIMUM WEIGHT PER SHELL SIZE (INCLUDES CONTACTS).

APPROVAL DATE March 1966 REVISION ① June 1980

Copyright Aerospace Industries Association of America Inc.
Provided by IHS under license with AIA/NAS
No reproduction or networking permitted without license from IHS
Full document details: AIA NAS1678 1980
Licensee= www.sepana.ir/59918003002, User=sam, albert
Not for Resale, 01/10/2016 00:42:37 MST
AIA Documents
Document Searching Hub