ASSY NO.	MS NO.	DIMENSIONS A +.050 −.060	B THREAD (PLATED) CLASS 2A		C ±.031	D MIN FULL THD	E +.010 −.000	F +.020 −.010	G +.000 −.010	H DIA +.010 −.000	J ±.005	K	L DIA +.004 −.002
10-169208-	3102E8S-	.422	.5000-28 UNEF		.484	.391	.562	.672	.297	.375	.594	.875	.120
10-169210-	10S-		.6250-24 NEF							.500	.719	1.000	
10-169211-	10SL-		.6250-24 NEF							.625	.719	1.000	
10-169212-	12S-		.7500-20 UNEF			.450				.625	.812	1.094	
10-169213-	12-	.672	.7500-20 UNEF		.672	.625	.750	.860	.484	.625	.812	1.094	
10-169214-	14S-	.422	.8750-20 UNEF		.484	.450	.562	.672	.297	.750	.906	1.188	
10-169215-	14-	.672	.8750-20 UNEF		.672	.625	.750	.860	.484	.750	.906	1.188	
10-169216-	16S-	.422	1.0000-20 UNEF		.484	.450	.562	.672	.297	.875	.969	1.281	
10-169217-	16-	.672	1.0000-20 UNEF		.672	.625	.750	.860	.484	.875	.969	1.281	
10-169218-	18-	.641	1.1250-18 NEF					.891	.453	1.000	1.062	1.375	
10-169220-	20-		1.2500-18 NEF							1.125	1.156	1.500	
10-169222-	22-		1.3750-18 NEF							1.250	1.250	1.625	
10-169224-	24-	.578	1.5000-18 NEF				.812	.953		1.375	1.375	1.750	.147
10-169228-	28-	.578	1.7500-18 NS				.812	.953		1.625	1.562	2.000	.147
10-169232-	32-	.500	2.0000-18 NS				.875	1.031	.438	1.875	1.750	2.250	.173
10-169236-	36-		2.2500-16 UN							2.062	1.938	2.500	
10-169240-	40-		2.5000-16 UN							2.312	2.188	2.750	

ACCESSORY
(NOT PART OF STANDARD ASSEMBLY)

FLANGE GASKET, PLAIN
10-40450-(SHELL SIZE)

FLANGE GASKET, SHIELDING
10-40450-(SHELL SIZE)S

		WAS	DATE	D MAN	
32	508-157				
1	32525-374	10-69840 (NOTE 6)	6 20 57	BARTKOW	
2	33750-61	ADD NOTE 9 & DATA	1-21-58	MOORE	
3	35535-8	REV 'C' COLUMN	9-2-59	SIEDSMA	
4	36235 -4	ADD NOTE 10, REV SOLDER WELL DATA	2-1-60	DONLON	
5	36525 -329	REM PD COL (8 THD); REV NOTE 3; ADD NOTE 11	3-17-60	LALLI	
A_1	49062 -1	(MFG); REM NOTE 10	52469		
A_2	49525 -635	REV NOTE 11	92269		
A_3	51175 -1	REM NOTE 9, REVISION LETTER (C) (3 PLCS)	11-3-69		
A_4	53249 -13	ADD. 9-3895 (PROSPEC); REV STAMP NOTE	1-6-72		

11. FOR PART NUMBERS 10-169217-13, 10-169218-15, SEE INDIVIDUAL DRAWINGS.

10.

9.

8. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

7. INSERTS & CONTACTS ARE NOT REMOVABLE.

6. SEE DRAWINGS 10-169608 THRU 10-169640 & DRAWINGS 10-169808 THRU 10-169840 FOR MATING PLUG ASSEMBLIES.

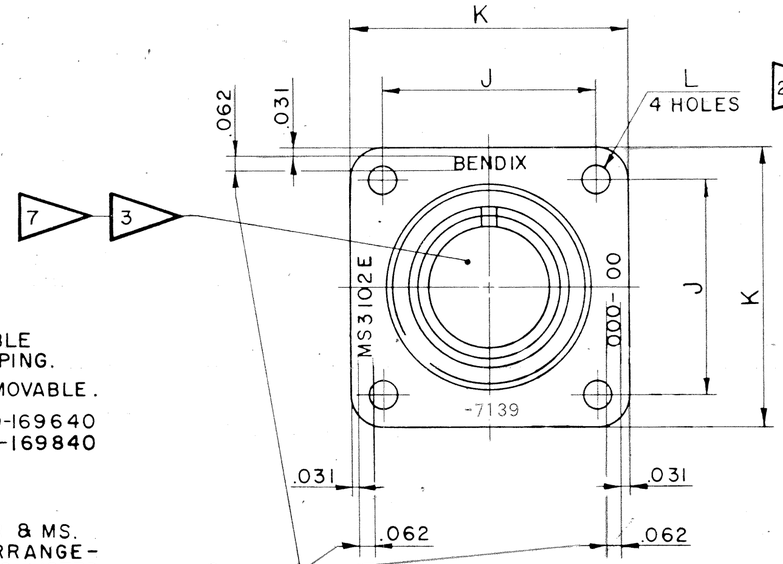
5. TO COMPLETE ASSEMBLY NUMBER & MS. NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-169208 THRU 10-169240.

4. INCREASE A DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.

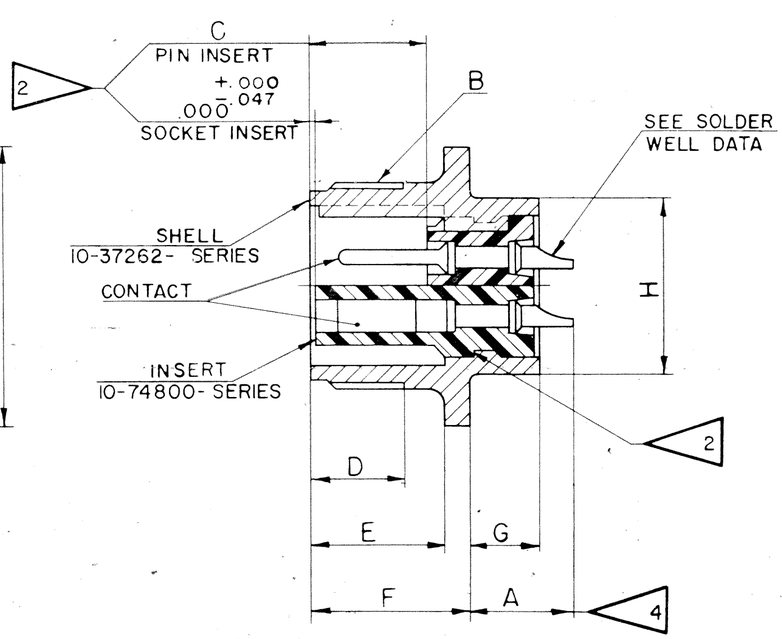
3. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.

2. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

1. THE UNITS ILLUSTRATED MEET THE PERFORMANCE REQUIREMENTS OF MS 102E PER SPEC MIL-C-5015C.



STAMP "BENDIX", DATE CODE(9-3895) & MS NUMBER PER 9-2811
EXAMPLE:
BENDIX-7139
MS 3102E 20-12 S
FOR SUFFIX OTHER THAN "P" OR "S", STAMP PER 9-2437
(SUFFIX OF MS NUMBER ONLY)
EXAMPLE:
MS 3102E 20-12SX
BENDIX-7139



10-169208 THRU
10-169240

USE OF THIS DOCUMENT IS UNLIMITED. DOCUMENTS REFERENCED HEREON CONTAIN LIMITED RIGHTS DATA.

SOLDER WELL DATA

CONTACT SIZE	0	4	8	12	16	16M
WELL DIA	.469 +.005 −.003	.332 +.005 −.003	.209 +.004 −.002	.116 +.004 −.002	.078 +.004 −.002	.078 +.004 −.002
WELL DEPTH +.031 −.000	.625	.625	.500	.375	.188	.250

NOTES: REF SYMBOL

MATERIAL SPEC	PROCESS SPEC: TEST 9-3106-1 ASSY 9-3238-1 SEE NOTE 1 9-2437-9-2811 9-3895	SCINTILLA MAGNETO DIVISION, BENDIX AVIATION CORPORATION, SIDNEY, N.Y., U.S.A.	TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS ±.010
HEAT TREAT SPEC		NAME: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE SG( )FB	NEXT ASSEMBLY: ? WEIGHT LBS: SEE PARTS LIST
TOOL ALL	COM SPEC 22569-8	D MAN: A. SMEY 4-24-57; CHECKER: Balantine 5-9-58; APPROVED: Wheat 5-16-57; SCALE: NONE	SUPERSEDES: — AND IS NOT INTERCHANGEABLE WITH; SUPERSEDED BY: REF 10-69208/40
			10-169208 THRU 10-169240

DWG SIZE C

TAB CODE 77820

SC DD