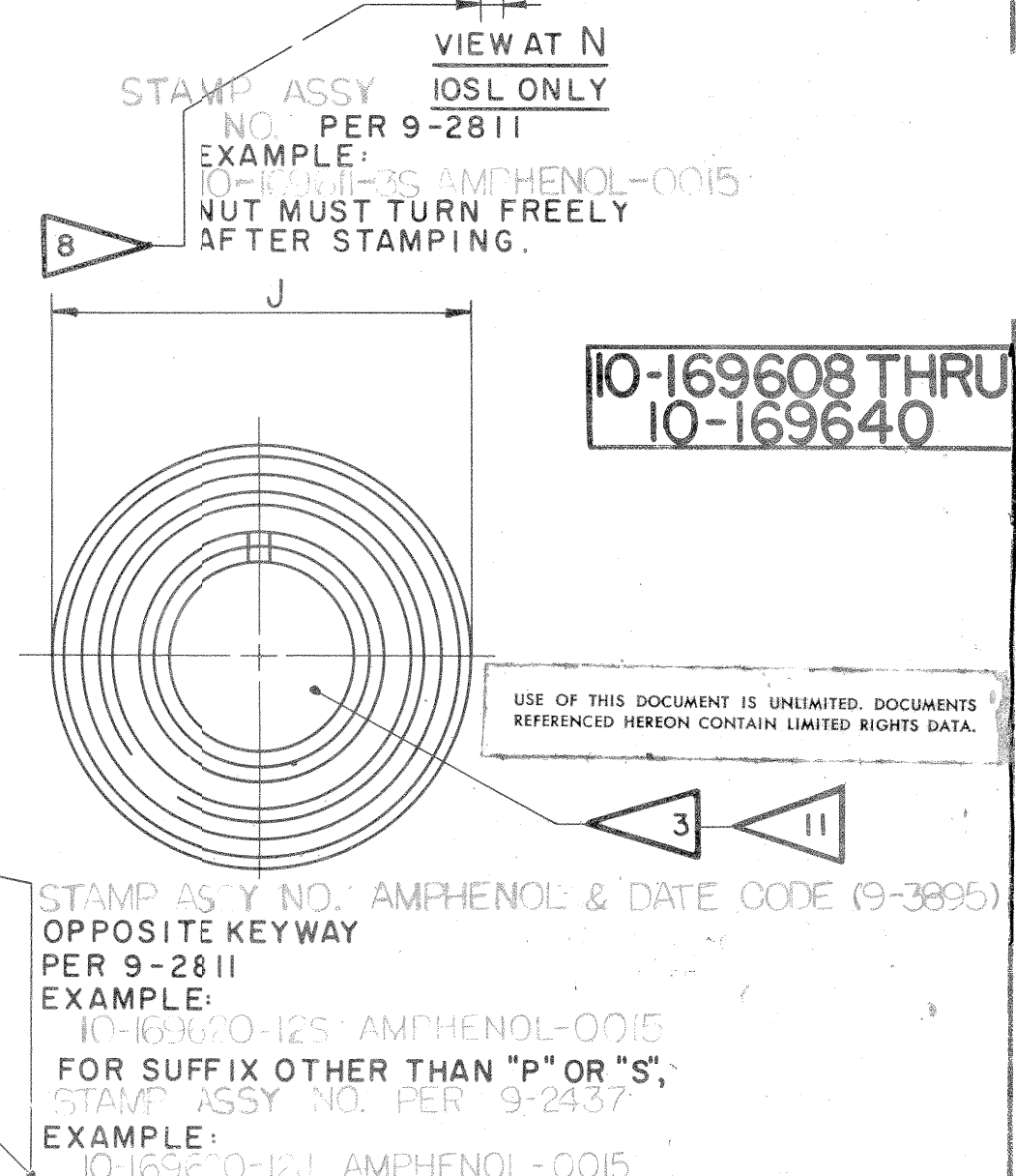
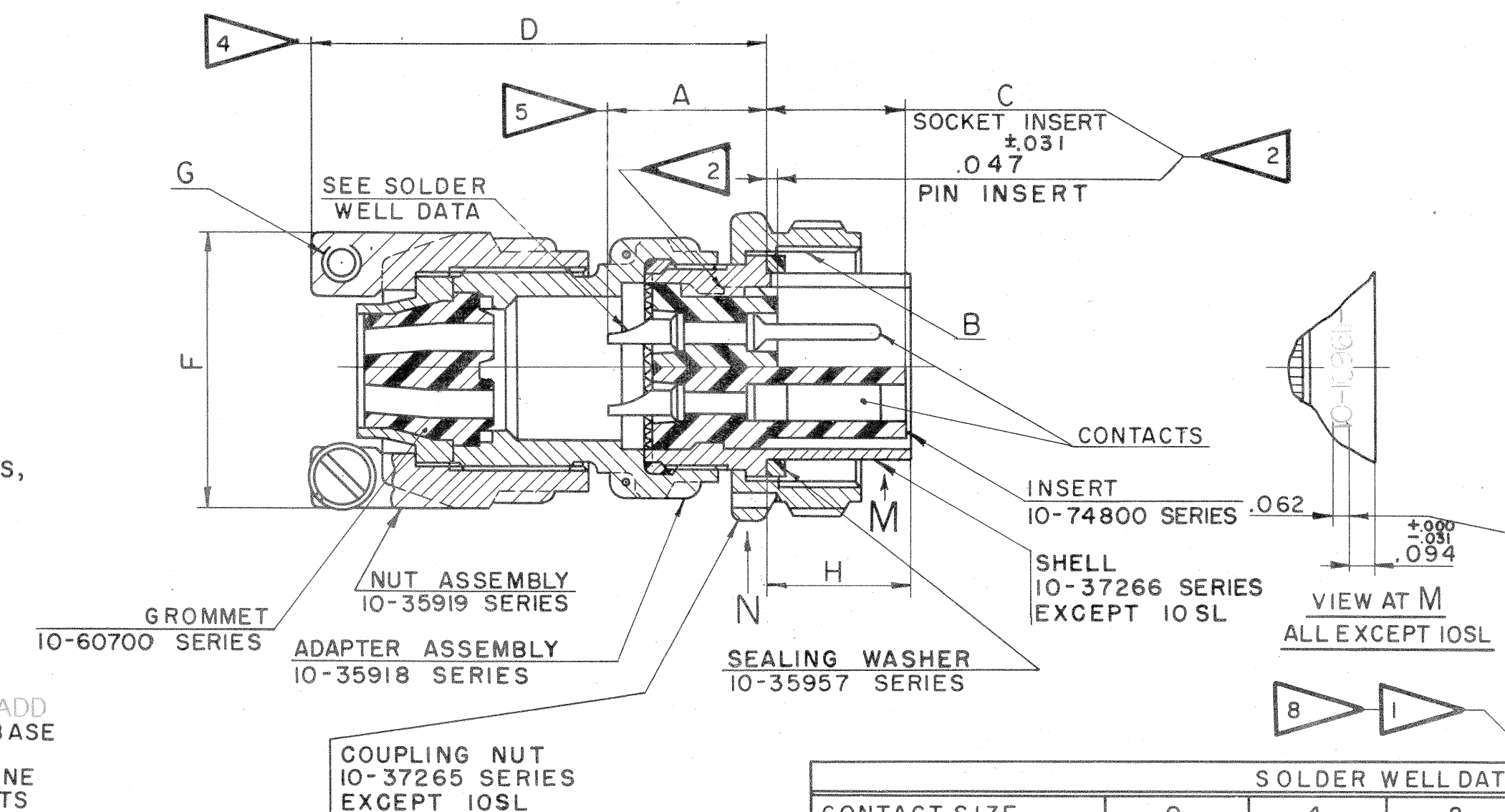
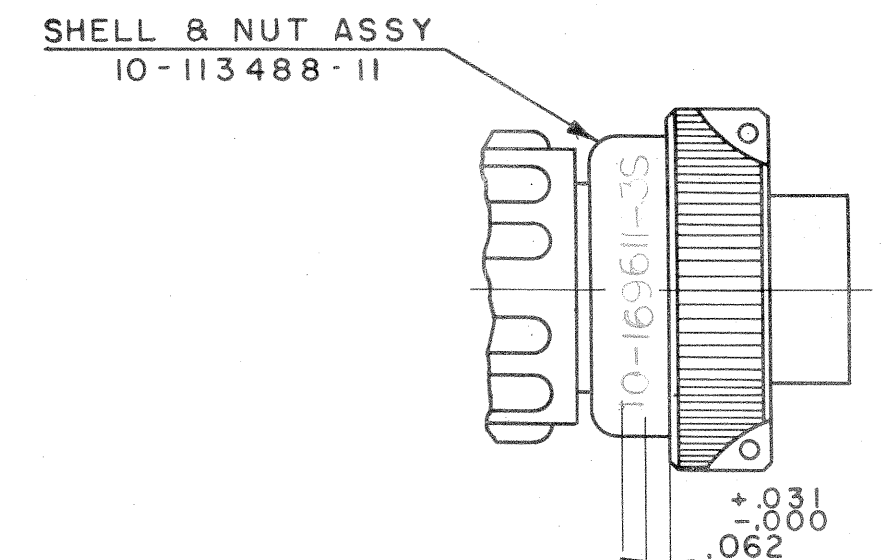


ASSEMBLY NUMBER	MS NO. REF	DIMENSIONS								
		A ±.045	B THREAD CLASS 2B	C ±.047 -.000	D MAX	F MAX	G THREAD REF CLASS 2	H ±.005	J DIA MAX	
10-169608-	3106E8S-	.562	.5000-28 UNEF	.531	1.543	.807	6-32 NC	.531±.005	.741	
10-169610-	10S-		.6250-24 NEF	.531	1.691	.807			.869	
10-169611-	10SL-		.6250-24 NEF	.531	1.686	.901			.946	
10-169612-	12S-		.7500-20 UNEF	.531	1.691				.995	
10-169613-	12-	.812	.7500-20 UNEF	.719	1.878			.719±.005	.995	
10-169614-	14S-	.562	.8750-20 UNEF	.531	1.691	1.026		.531±.005	1.123	
10-169615-	14-	.812	.8750-20 UNEF	.719	1.878	1.026		.719±.005	1.123	
10-169616-	16S-	.562	1.0000-20 UNEF	.531	1.691	1.119		.531±.005	1.250	
10-169617-	16-	.812	1.0000-20 UNEF	.719	1.878	1.119		.719±.005	1.250	
10-169618-	18-		1.1250-18 NEF		1.910	1.229			1.333	
10-169620-	20-		1.2500-18 NEF		2.020	1.479	8-32 NF		1.461	
10-169622-	22-		1.3750-18 NEF		2.020	1.479			1.588	
10-169624-	24-		1.5000-18 NEF		2.083	1.666			1.715	
10-169628-	28-		1.7500-18 NS		2.301	1.666			1.968	
10-169632-	32-		2.0000-18 NS		2.284	2.135	10-32 NF		2.209	
10-169636-	36-		2.2500-16 UN		2.502	2.260			2.463	
10-169640-	40-		2.5000-16 UN		2.502	2.510			2.718	

REV	DATE	BY	APPD.
1	33750-62	MOORE	
2	35535-9	BARTKOW	
3	36235-1	DONLON	
4	36525-330	DONLON	
5	37935-7	HISCOTT	
A1	42525-430	GAFNER	
A2	51175-1	HISCOTT	
A3	53249-14	HISCOTT	

WAS  
ADD. NOTE 12 & DATA.  
RELOC & REV C DIM & .000+.016-.047  
REM ACCESSORY BLOCK; ADD NOTES 13 & 14; REV SOLDER WELL DATA  
REM PD COL (B THD); REV. NOTE 3, J DIA COL; ADD NOTE 15  
REDESIGN GROMMET FOR 10-169617-12 ARR  
(MFG) WAS 9-3103-1 (ASSY)  
REM NOTE 12; REVISION LETTER (C) (3 PLCS)  
ADD. 9-3895 (PRO SPEC) 1-672  
REV STAMPING NOTES  
(CL I) SEE ECN 88085



11. INSERTS & CONTACTS ARE REMOVABLE.
10. FOR OPTIMUM MOISTURE RESISTANCE, CABLE DIAMETERS MUST BE WITHIN 58% OF MAXIMUM FOR EACH CONTACT SIZE. FOR SMALLER CABLES, USE WATERPROOF SLEEVEING.
9. SEE DRAWINGS 10-169008 THRU 10-169040 & DRAWINGS 10-169208 THRU 10-169240 FOR REQUIRED MATING RECEPTACLE ASSEMBLIES.
8. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
7. ALL LOCKWIRE HOLES ARE .045 DIA MIN.
6. TO COMPLETE ASSEMBLY NUMBER & MS NO. REF. ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437). TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-169608 THRU 10-169640.
5. INCREASE A DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
4. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, ADAPTER ASSEMBLY & NUT ASSEMBLY MUST BE LOOSELY COUPLED.
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 REQUIREMENTS OF MS3106E PER SPEC MIL-C-5015C.

15. FOR PART NUMBERS 10-169617-13, 10-169618-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-169617-13, 10-169618-15, 61-00000 & 62-00000.
14. SHIP CONNECTOR, WITH SEALING PLUGS UNASSEMBLED, IN A PLIOFILM BAG.
13. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH SEALING PLUGS.

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

MATERIAL SPEC.	PROCESS SPEC. TEST 9-3106-3 ASSY 9-3103-2 SEE NOTE 1 9-2437, 9-2811 9-3895	SCINTILLA DIVISION BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.		TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS ±.010	
HEAT TREAT SPEC.		NAME CONNECTOR, ELECTRICAL PLUG, TYPE SG (1) MC		NEXT ASSEMBLY WEIGHT - LBS SEE PARTS LIST	
TOOL A/C	COM. REC 22569-9 4-29-57 5-9-57	D MAN VIMISLIK	CHECKER Balantia	MAT.	SCALE NONE
		STDS S-10-57	CH D MAN S-10-57	APPROVED S-10-57	DATE 8-10-57
		SUPERSEDES SUPERSEDED BY		AND IS NOT INTERCHANGEABLE	
		REF 10-69608/40		10-169608 THRU 10-169640	

NOTES: REF SYMBOL

DWG SIZE C  
TAB. CODE 77820