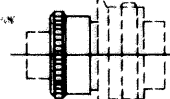
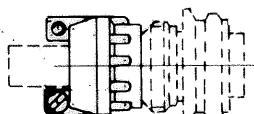
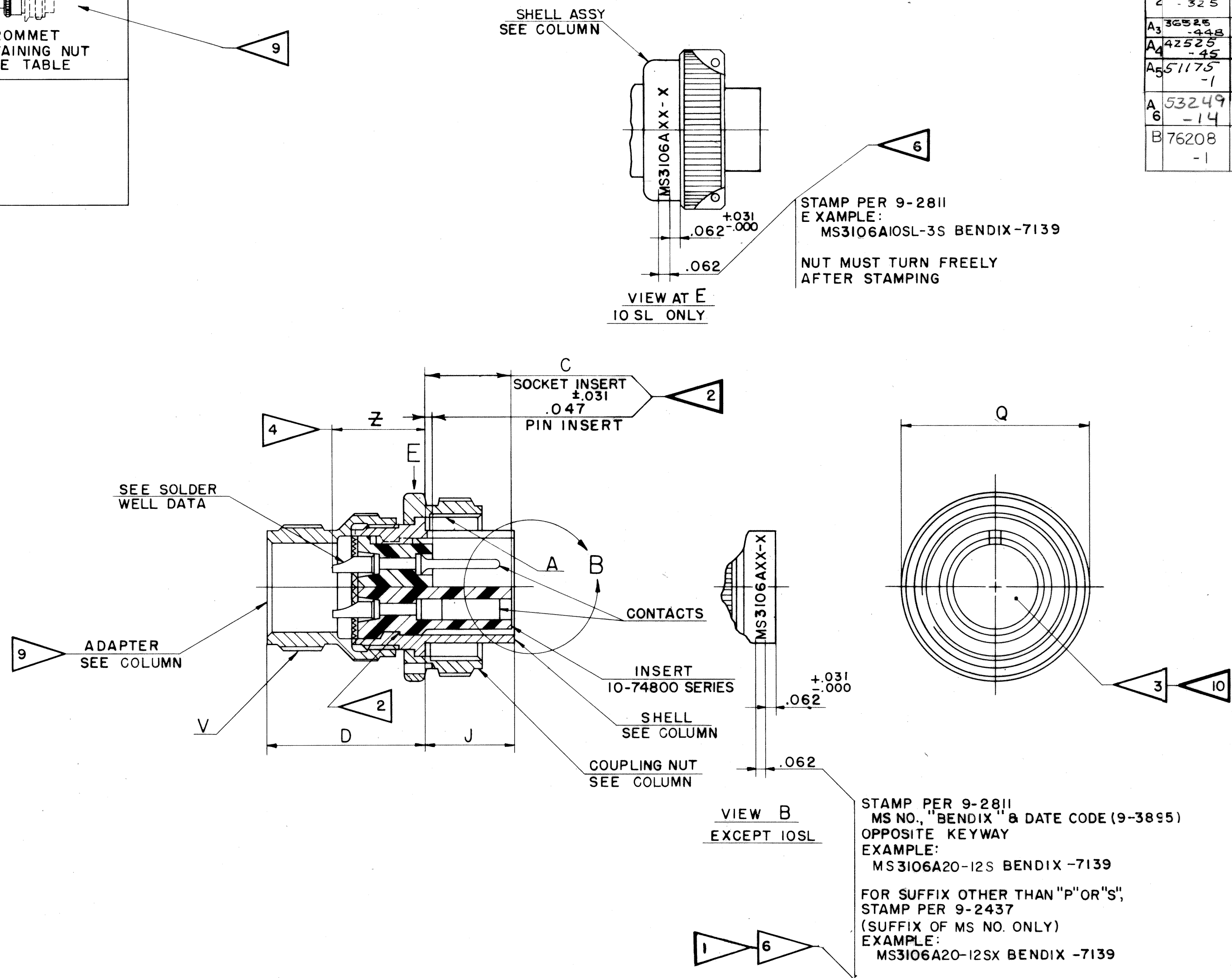


ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)	
 GROMMET 10-40800 SERIES	 GROMMET RETAINING NUT SEE TABLE
 CABLE CLAMP 10-35900-XX3 SERIES	



REL	32508-157	WAS	DATE	D'MAN	APPD.
1	33780-57	ADD. NOTE 11 & DATA.	1-21-58	MOORE	
2	35826-4	RELOC & REV C DIM AND .000 +.016 -.047	8-30-59	BARTKOW	
A1	36200 -27	.188(16M), .250(12) & .500(4) (SOLDER WELL DEPTH); REM SOLDER WELL DATA FOR 16	2-11-60	MAKOWSKI	
A	36525 -325	REM PD COL (A & V THD) REV. NOTE 3, Q DIA COL, ADD NOTE 12	3-17-60	MAKOWSKI	
A3	36525 -448	ADDED NOTE 13; REV NOTE 12	7-5-60	PAWLICK	
A4	42525 -45	MIL-C-5015C (NOTE 1)	10-2-63	MILLAR	
A5	51175 -1	REM NOTE 11, REVISION LETTER (C) (3 PLCS)	11-7-69	RANDALL	
A	53249 -14	ADD. 9-3895 (PRO SPEC) REV STAMPING NOTE	1-6-72	RANDALL	
B	76208 -1	(CL II) REV MS COL	4/30/85	BOWKER	

10-168608 THRU
10-168640

SOLDER WELL DATA					
CONTACT SIZE	0	4	8	12	16M
WELL DIA	.469 ^{+0.005} _{-.003}	.332 ^{+0.005} _{-.003}	.209 ^{+0.004} _{-.002}	.116 ^{+0.004} _{-.002}	.078 ^{+0.004} _{-.002}
WELL DEPTH ^{+0.031} _{-.000}	.625	.625	.500	.375	.250

MATERIAL SPEC.	PROCESS SPEC.	SCINTILLA MAGNETO DIVISION				TOLERANCES UNLESS OTHERWISE SPECIFIED			
	SEE SHEET 2	BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.				FRACTIONS ± ~	ANGLES ± ~		
		NAME CONNECTOR, ELECTRICAL PLUG, TYPE C () MC				DECIMALS ± .010	CONCENTRICITY FIR		
						SURFACE FINISH MICRO-INCHES RMS VALUE MAX			
HEAT TREAT SPEC.	FINISH SPEC.					NEXT ASSEMBLY	WEIGHT-LBS SEE PARTS LIST		
						SUPERSEDES	AND IS NOT INTERCHANGABLE		
						SUPERSEDED BY	10-168608 THRU 10-168640		
TOOL ACC.	COM. REC. 22563-4	A. SMYTH 4-24-57				SCALE	NONE		

SEE SHEET 2.
NOTES: REF SYMBOL

REL	32508-157	WAS	DATE	D'MAN	APPD.
1	33750-57	SEE SHEET I	1-21-58	MOORE	<i>[Signature]</i>
2	35826-4	SEE SHEET I	8-30-59	BARTKOW	<i>[Signature]</i>
A1	36200-27	SEE SHEET I	2-11-60	MAKOWSKI	<i>[Signature]</i>
A2	36525-325	SEE SHEET I	3-17-60	MAKOWSKI	<i>[Signature]</i>
A3	36525-448	SEE SHEET I	7-5-60	PAWLICK	<i>[Signature]</i>
A4	42525-45	SEE SHEET I	10-26-63	MALAR	<i>[Signature]</i>
A5		SEE SHEET I FOR ALL CHANGES			
A6					
B					

ASSEMBLY NO.	MS NO.	DIMENSIONS										DETAILS			ACCESSORY
		A THREAD CLASS 2B		C +.047 -.000	D	J ±.005	Q DIA MAX	V THREAD (PLATED) CLASS 2A		Z ±.045		SHELL	COUPLING NUT	ADAPTER	GROMMET RETAINING NUT
10-168608 -	3106A 8S -	.5000-28 UNEF		.531	.859 ±.030	.531	.741	.5000-28 UNEF		.562		10-37266 - 8	10-37265 - 8	10-37267 - 8	10-37269 - 8
10-168610 -	IOS -	.6250-24 NEF		.531	.937 ±.030	.531	.869	.5000-28 UNEF				10-37266-10	10-37265 -10	-10	-10
10-168611 -	IOSL -	.6250-24 NEF		.531	.937 ±.025	.531	.946	.6250-24 NEF				10-113488-11 (SHELL ASSY)		-12	-12
10-168612 -	12S -	.7500-20 UNEF		.531	.937 ±.030	.531	.995					10-37266 - 12	10-37265 - 12	-12	-12
10-168613 -	12 -	.7500-20 UNEF		.719	1.124 ±.030	.719	.995			.812		-13	-13	-13	-13
10-168614 -	14S -	.8750-20 UNEF		.531	.937 ±.030	.531	1.123	.7500-20 UNEF		.562		-14	-14	-14	-14
10-168615 -	14 -	.8750-20 UNEF		.719	1.124 ±.030	.719	1.123	.7500-20 UNEF		.812		-15	-15	-15	-15
10-168616 -	16S -	1.0000-20 UNEF		.531	.937 ±.030	.531	1.250	.8750-20 UNEF		.562		-16	-16	-16	-16
10-168617 -	16 -	1.0000-20 UNEF		.719	1.124 ±.030	.719	1.250	.8750-20 UNEF		.812		-17	-17	-17	-17
10-168618 -	18 -	1.1250-18 NEF			1.219 ±.030		1.333	1.0000-20 UNEF				-18	-18	-18	-18
10-168620 -	20 -	1.2500-18 NEF			1.125 ±.030		1.461	1.1875-18 NEF				-20	-20	-20	-20
10-168622 -	22 -	1.3750-18 NEF			1.219 ±.030		1.588	1.1875-18 NEF				-22	-22	-22	-22
10-168624 -	24 -	1.5000-18 NEF			1.251 ±.030		1.715	1.4375-18 NEF				-24	-24	-24	-24
10-168628 -	28 -	1.7500-18 NS			1.470 ±.030		1.968	1.4375-18 NEF				-28	-28	-28	-28
10-168632 -	32 -	2.0000-18 NS			1.439 ±.030		2.209	1.7500-18 NS				-32	-32	-32	-32
10-168636 -	36 -	2.2500-16 UN			1.500 ±.030		2.463	2.0000-18 NS				-36	-36	-36	-36
10-168640 -	40 -	2.5000-16 UN			1.469 ±.030		2.718	2.2500-16 UN				-40	-40	-40	-40

10-168608 THRU
10-168640

4. INCREASE Z DIMENSION BY .312 FOR SIZE "O" 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 REQUIREME OF MS3016A, PER SPEC MIL-C-5015(D).

13. FOR DIMENSIONS AND STAMPING ON ALL ARRANGEMENTS WITH SUFFIX -50 OR ABOVE SEE INDIVIDUAL DRAWING OF SAME SHELL SIZE & SUFFIX IN 10-41600 SERIES.

12. FOR PART NUMBERS 10-168617-13, 10-168618-15, & 61 - SEE INDIVIDUAL DRAWINGS 10-168617-13, 10-168618-15, & 61-00000.

11.

10. INSERTS AND CONTACTS ARE REMOVABLE.

9. ADAPTER MUST BE REMOVED WHEN GROMMET RETAINING NUT IS USED.

8. ALL LOCKWIRE HOLES ARE .045 DIA MIN.

7. SEE DRAWINGS 10-168008 THRU 10-168040 10-168208 THRU 10-168240 FOR REQUIRED MATING RECEPTACLE ASSEMBLIES.

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

5. TO COMPLETE ASSEMBLY NUMBER & MS NUMBER, 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 10-168608 THRU 10-168640.

NOTES: REF SYMBOL 

MATERIAL SPEC.		PROCESS SPEC. TEST 9-3106-5 ASSY 9-3103-1 9-2811, 9-2437 9-3895		SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.				TOLERANCES UNLESS OTHERWISE SPECIFIED			
HEAT TREAT SPEC.		TOOL ACC.		NAME CONNECTOR ELECTRICAL PLUG, TYPE C() MC				FRACTIONS $\pm$		ANGLES	
				D'MAN CHECKER MAT. STDS CH. D'MAN APPROVED SCALE				DECIMALS $\pm .010$		CONCENTRICITY	
				ASMEY BAIANTIC 4-25-57 59.57 5-10-57 5-15-57				SURFACE ROUGHNESS MICRO-INCHES RMS VALUE MAX		WEIGHT-LBS SEE PARTS LIST	
				DWG SIZE C CODE 77820				NEXT ASSEMBLY		SUPERSEDED BY	
				NONE				SUPERSEDED BY		AND IS NOT INTERCHANGEABLE	
				10-168608 THRU 10-168640				10-168608 THRU 10-168640		SHEET 2 OF 2	