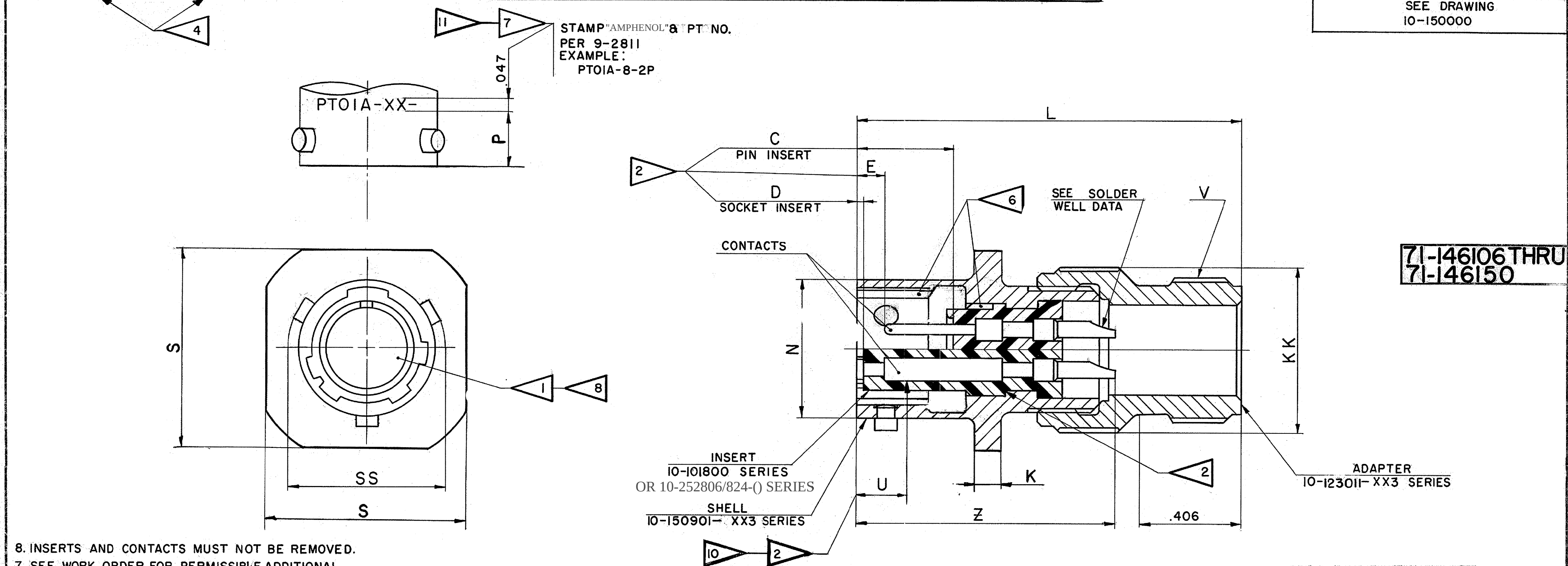


ASSEMBLY NUMBER	PT NUMBER	DIMENSIONS													
		C	D	E	L	N DIA	P	V THREAD (PLATED)		Z	KK	SS	K	S	U
		+0.010 -0.025	+0.010 -0.025	+0.010 -0.020	+0.040 -0.030	+0.001 -0.005		SIZE CLASS 2A	PITCH DIA	±.030	DIA +0.000 -0.031	DIA +0.000 -0.016		±.016	MAX
71-146106-	01A - 6 -	.337	.025	.085	1.513	.348	.188	.3750-32 NEF	.3547 - .3503	.887	.453	.439	.094	.688	.153
71-146108-	- 8 -					.473		.5000-28 UNEF	.4768 - .4720		.578	.563		.812	
71-146110-	-10 -					.590		.6250-24 NEF	.5979 - .5927		.703	.680		.938	
71-146112-	-12 -					.750		.7500-20 UNEF	.7175 - .7118		.828	.859		1.031	
71-146114-	-14 -					.875		.8750-20 UNEF	.8425 - .8368		.968	.984		1.125	
71-146116-	-16 -					1.000		1.0000-20 UNEF	.9675 - .9616		1.078	1.108		1.219	
71-146118-	-18 -	↓	↓	↓	↓	1.125	↓	1.1875-18 NEF	1.1514 - 1.1450	↓	1.203	1.233	↓	1.312	↓
71-146120-	-20 -	.399	.087	.147	1.635	1.250	.344	1.1875- 18 NEF	1.1514 - 1.1450	1.105	1.328	1.358	.115	1.438	.215
71-146122-	-22 -	.399	.087	.147	1.635	1.375	.344	1.4375- 18 NEF	1.4014 - 1.3949	1.105	1.453	1.483	.115	1.562	
71-146124-	↓ -24 -	.399	.087	.147	1.697	1.500	.344	1.4375- 18 NEF	1.4014 - 1.3949	1.105	1.567	1.610	.115	1.688	↓
71-146125/50				NOT AVAILABLE											

REL.	WAS	DATE	D'MAN	APPD.
32508-147				
1	CNR	ADD: COL K & S; REV COL P; CHG PICT.	4-17-57	I.NILES
2	34105-15	N +.000 -.005 DIA	5-28-58	MOORE
3	33624-602	ADD & REL SIZE 24 & DATA	7-28-58	D. WAY
4	35525-238	L +.030 -.020; REV KK DIA COL, SS DIA COL, S COL; STANDARDIZED	10-29-58	VIMISLIK
5	36162-8	TEST 9-3353-2 (PRO SPEC)	1-28-60	MARKOSKI
A1	45525-809	WAS .983 (COL SS, SIZE 14), 1.614 (COL SS, SIZE 24); (MFG)	5-5-66	BRADLEY
A2	51430-1	REM NOTE 9	4-20-70	BRADLEY
B	72028-49	(CL II) ADAPTER WAS 10-117911-XX3, REV. "L" COL.	2-4-81	LEWIS
C	A0785	(CL II) ADDED 10-252806/824-()	12-20-06	JONES

ACCESSORIES
(NOT PART OF STANDARD ASSY)
SEE DRAWING
10-150000



8. INSERTS AND CONTACTS MUST NOT BE REMOVED.
7. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
6. VERTICAL CENTERLINES OF INSERT ARRANGEMENT & THE MAIN SHELL POLARIZING KEYWAY TO BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.
5. FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.
4. TO COMPLETE ASSY NO. & PT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
3. MATES WITH PLUG 71-146606/50 AND OTHERS.
2. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
1. FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().

11. STAMPING MAY BE ON EITHER SIDE OF FLANGE (ONE SIDE ONLY) OR ON N DIA AS SHOWN.
10. DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
- 9.

SOLDER WELL DATA									
CONTACT SIZE	20	16							
WELL DIA	.046 ^{+0.004} _{-.000}	.078 ^{+0.004} _{-.002}							
WELL DEPTH	.125	.188							

SCINTILLA MAGNETO DIVISION									
BENDIX AVIATION CORPORATION SIDNEY, N. Y., U.S.A.									
MATERIAL SPEC.	PROCESS SPEC.	NAME							
	TEST 9-3980-2 ASSY	CONNECTOR, ELECTRICAL PLUG, TYPE PTA () FL. OLIVE DRAB							
HEAT TREAT SPEC.	FINISH SPEC.	D'MAN	CHECKER	MAT. P	STDS	CH. D'MAN	APPROVED	SCALE	
		WARD	KOVARIK			WARD		NONE	
TOOL ACC.	COM. REC.	11-57	2-25-57						

TOLERANCES UNLESS OTHERWISE SPECIFIED		
FRACTIONS: 1/32	DECIMALS: .010	ANGLES: 1/2°
CONCENTRICITY: .015	FIR: BREAK SHARP EDGES	ANGLES: .010-.030
SQUARENESS: .010 PER INCH OF LENGTH		
MACHINED SURFACES MUST BE FLAT AND PARALLEL WITHIN THE TOLERANCE OF THE APPLICABLE DIMENSION AND SMOOTH WITHIN 200 MICRO INCHES RMS.		
NEXT ASSEMBLY	WEIGHT LBS. SEE PARTSLIST	
SUPERSEDES	AND IS NOT INTERCHANGEABLE	
SUPERSEDED BY	REF.	

71-146106 THRU 71-146150

DWG SIZE C TAB. CODE 77820

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