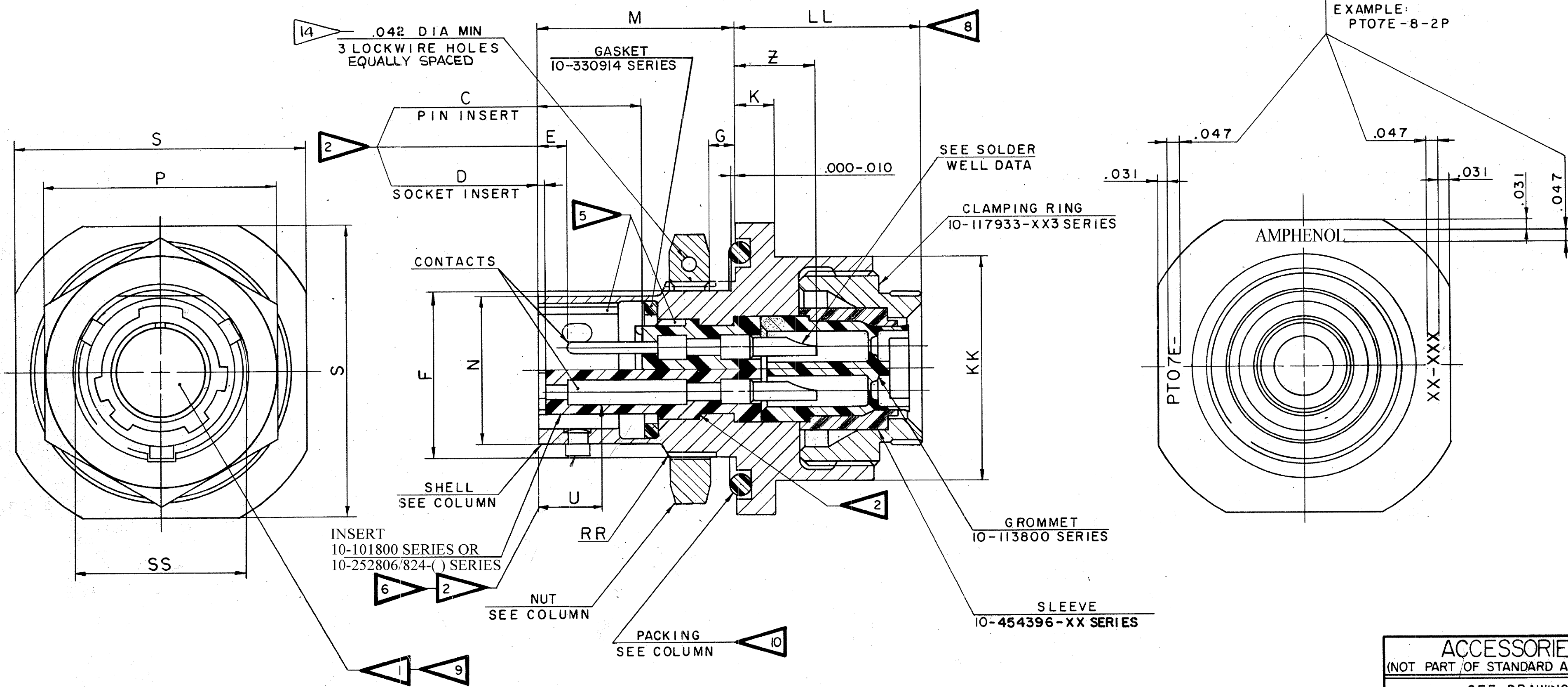


SYM	CHG NO.	WAS	DATE	D'MAN	APPR'D	REL	32508-147	WAS	DATE	D'MAN	APPR'D
A7	53909-16	SLEEVE 10-117932-XX3 SERIES	7-672	Caudell	Hage	1	CNR	REM. PP DIMS & COLUMN. CHG'D PICT	3-28-57	ANILES	
B	25768	(CL II) SEE CHG NOTICE	10/29/91	M'ellipott	PQ89	2	34105-19	N +.000-.005 DIA	5-28-58	MOORE	
C	96934	(CL II) ADDED ADD'L SERIES FOR INSERT NUMBER	11-13-06	JONES		3	33524-408	ADD & REL SIZE 24 & DATA.	7-29-58	MOORE	
D		(CL II) 71-148718-80P BECOME A SEPARATE DRAWING ECN: A4445	7-30-08	H.BROOKER		A1	34647-34	.047 +.004-.002 DIA, REM: .125 +.016-.000, .062 MAX NOTE, COL DD & DATA, REV COL M, Z & LL, STANDARDIZED	12-8-58	WAWONSKI	
						A2	35897-1	K +.000-.018 COL	10-12-59	Lambrecht	
						A3	35904-3	9-3105-2 (ASSY SPEC), SS DIA MAX COL, REM PITCH DIA, REV SS COL.	1-8-60	RICKS	
						A4	36162-17	TEST 9-3353-1, ASSY 9-3105-2 (PRO SPEC)	1-28-60	MAKOSKI	
						A5	38535-301	10-90350 SERIES(PACKING)	1-22-62	HALL	
						A6	42525-621	REM SEE NOTE 11(FIN. SPEC) ADD GASKET 10-330914 SERIES; 9-1564(PRO SPEC) REV NOTES 4,10,11, RR THD, TITLE	4-3-64	Lambrecht	

7 STAMP "AMPHENOL" & PT NO. (CONTINUED ON LEFT)
 EXAMPLE:
 PTO7E-8-2P



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

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

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE	NEXT ASSEMBLY
PARTS LIST						
UNLESS OTHERWISE SPECIFIED		DRAWN: VIMISLIK	DATE: 1-10-57	THE Bendix CORPORATION SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A. TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PT-E(J)FW OLIVE DRAB CODE IDENT NO. 77820 SIZE C 71-148706 THRU 71-148750 SCALE NONE WT SEE PARTS LIST REF SHEET 1 OF 2		
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ±.010; 2 PLACES ±.03; 1 PLACE ±.1; ANGLES ±2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: KOVARICK	DATE: 2-25-57			
MATERIAL SPEC		MATERIAL:				
PROCESS SPEC SEE SHEET 2		STANDARDS: Whist	STN			
		DRAFTING: Brizano				
		ENGINEERING: Whennessy				
		DEVELOPMENT:				

NOTES: REF SYMBOL ◁
 SEE SHEET 2.

SEE SHEET I FOR ALL CHANGES

ASSEMBLY NUMBER	PT NUMBER	DETAILS							DIMENSIONS														
		SHELL	NUT	PACKING	C +.010 -.025	D +.010 -.025	E +.010 -.020	F +.000 -.010	G		K +.011 -.010	M	N DIA +.001 -.005	P HEX ±.016	S	Z ±.040		KK DIA MAX	LL MAX	U MAX	RR		SS DIA +.000 -.016
									PANEL MIN	THK MAX											THREAD (PLATED)		
																					SIZE CLASS	2A	
71-148706-	07E - 6 -	10-150923-63	10-123017- 63	10-90351 -15	.337	.025	.085	.405	.062	.125	.125	.696	.348	.625	.812	.191		.604	.568	.153	.4375-28 UNEF		.439
71-148708-	- 8 -	- 83	- 83	- 17				.530					.473	.750	.938			.729			.5625-24 UNEF		.563
71-148710-	- 10 -	-103	-103	- 19				.655					.590	.875	1.062			.854			.6875-24 UNEF		.680
71-148712-	- 12 -	-123	-123	-22				.818					.750	1.062	1.250			.979			.8750-20 UNEF		.859
71-148714-	- 14 -	-143	-143	-24				.942					.875	1.188	1.375			1.104			1.0000-20 UNEF		.984
71-148716-	- 16 -	-163	-163	-26				1.066					1.000	1.312	1.500			1.229			1.1250-18 UNEF		1.108
71-148718-	- 18 -	-183	-183	-28	↓	↓	↓	1.191		↓	↓	↓	1.125	1.438	1.625	↓		1.354	↓	↓	1.2500-18 UNEF		1.233
71-148720-	- 20 -	-203	-203	-128	.399	.087	.147	1.316		.250	.156	.884	1.250	1.562	1.812	.221		1.510	.630	.215	1.3750-18 UNEF		1.358
71-148722-	- 22 -	-223	-223	-130	.399	.087	.147	1.441		.250	.156	.884	1.375	1.688	1.938	.221		1.635	.630	.215	1.5000-18 UNEF		1.483
71-148724-	↓ -24-	↓ -243	↓ -243	↓ -132	.399	.087	.147	1.566	↓	.250	.156	.917	1.500	1.812	2.062	.188		1.760	.660	.215	1.6250-18 UNEF		1.610
71-148725/50		NOT AVAILABLE																					

4

NOTES: REF SYMBOL ◀

6. DISTANCE BETWEEN END OF SHELL AND THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT AND A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
5. VERTICAL CENTERLINES OF INSERT ARRANGEMENT & THE MAIN SHELL POLARIZING KEYWAY TO BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.
4. TO COMPLETE ASSY NO. & PT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LIST ABOVE PER 9-2437-1.
3. FOR COMPONENT PART NUMBERS OF DESIRED ARRANGMENT, SEE APPLICABLE PARTS LIST.
2. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
1. FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().
14. FORMED LOCKWIRE HOLE DESIGN (6 HOLES) OPTIONAL.
13. ALL UNUSED GROMMET HOLES TO BE FILLED WITH GROMMET SEALING ROD OR GROMMET SEALING PLUGS. SEE 10-150000 (#27 & #28).
12. UNITS ILLUSTRATED MEET THE MATERIAL AND FINISH REQUIREMENTS OF MIL-C-26482.
11. SEE DRAWING 71-148606 THRU 71-148650 FOR REQUIRED MATING PLUG ASSEMBLY.
10. FOR MAXIMUM SEALING EFFICIENCY APPLY LIGHT COAT OF 9-1564 COMPOUND (MIL-I-8660) TO PACKING.
9. INSERTS & CONTACTS MUST NOT BE REMOVED.
8. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, SHELL & CLAMP ASSEMBLY MUST BE LOOSELY COUPLED.
7. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

SOLDER WELL DATA					
CONTACT SIZE	20	16			
WELL DIA	.046 ^{+0.004} _{-0.000}	.078 ^{+0.004} _{-0.002}			
WELL DEPTH	.125 ^{+0.031} _{-0.000}	.188			
ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRAWN: NICHOLS		DATE: 1-8-57	
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ± .010; 2 PLACES ± .03; 1 PLACE ± .1; ANGLES ± 2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: KOVARICK		DATE: 2-25-57	
MATERIAL SPEC		PROCESS SPEC		MATERIAL:	
TEST		9-3980-1		STANDARDS: Whit & Son	
ASSY		9-3605-2		DRAFTING: Vengaw	
9-2437-1		9-2811, 9-1564		ENGINEERING: Whimsey	
FINISH SPEC.				DEVELOPMENT:	
THE Bendix CORPORATION SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A.					
TITLE: CONNECTOR, ELECTRICAL RECEPTACLE. TYPE PT-E()JFW OLIVE DRAB					
CODE IDENT NO.		SIZE		71-148706 THRU 71-148750	
77820		C			
SCALE NONE		WT SEE PARTS LIST		REF SHEET 2 OF 2	

71-148706/50