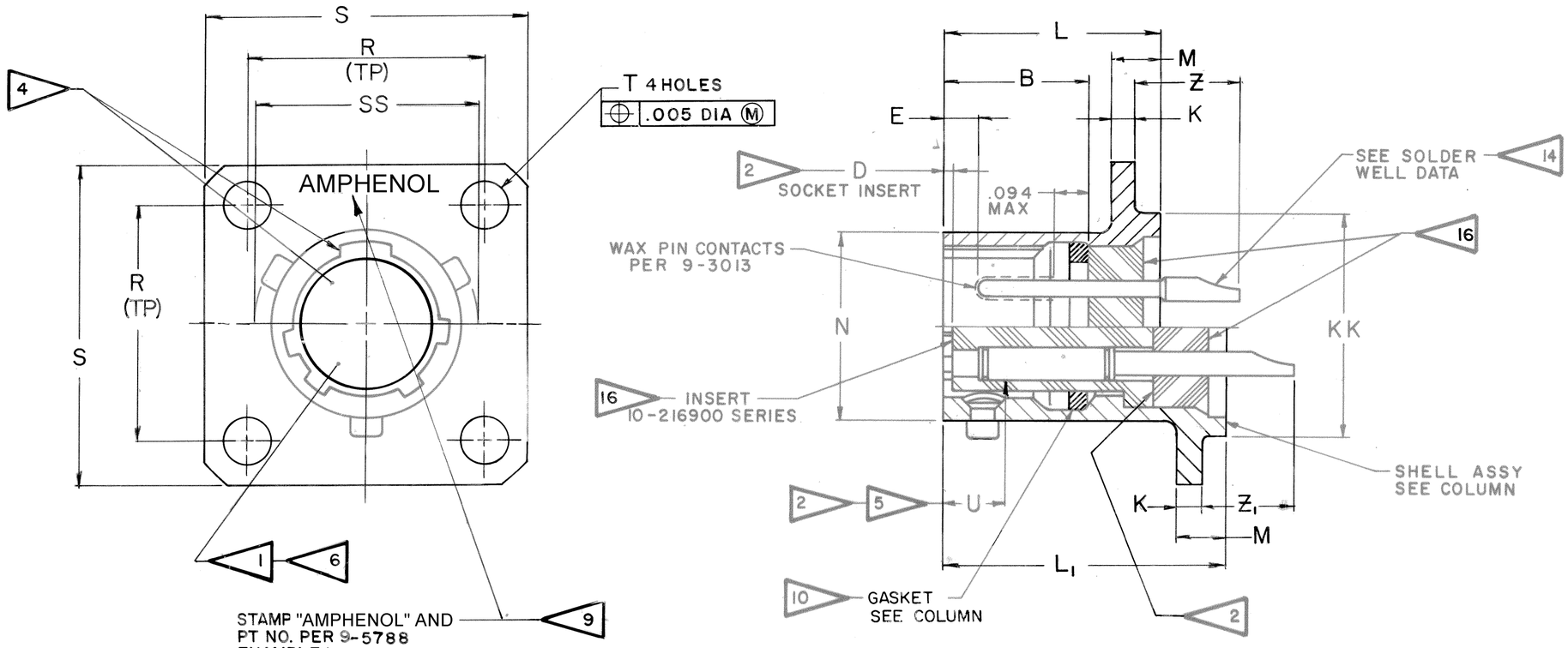
ACCESSORIES
(NOT PART OF STANDARD ASSEMBLY)

SEE DRAWING
10-150000

REL NO. 32508-150 REVISIONS

CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
41533 -1	A10	REDRAWN; SAME SIZE ; ADDED SOCKET CONTACT AND DATA.	7-9-63 R.SMITH	Hayes
45525 -617	A11	ADD 9-4385 (PRO. SPEC)	3/4/66 R.NAPO	[illegible]
52256 -7	A12	REM NOTE 11; REV NOTES 10 & 17; RELOC FLAG 17	11.20.70 Rondell LN	Hayes
56604 -10	A13	SEE CHANGE NOTICE 56604-10	3.20.75 Rondell LN	Hayes
70178 -2	B	(MFG) SEE CHG NOTICE 70178-2	5.3.79 K. Wilkinson KC	Soland
B2355	C	(CLII) CHANGE GASKET FROM: 10-330914 TO: 10-677853	10/3/11	H.BROOKER

92-54



10-146256/99

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

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED

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.

MATERIAL SPEC	PROCESS SPEC
	SEE SHEET 2

DRAWN: PESSAGNO DATE: 3-6-57
CHECKED: A.F. Lyons DATE: 8-13-63
MATERIAL:
STANDARDS: J. Balantic 8-13-63
DRAFTING: [signature] 8-13-63
ENGINEERING: [signature] 8-14-63
DEVELOPMENT: A.B. Kelly 8/13/63

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838 U.S.A.

TITLE: U
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PTH ( )FB, TIN PLATED

CODE IDENT NO.	SIZE	
77820	C	10-146256 THRU 10-146299

SCALE NONE WT SEE PARTS LIST REF 10-104256/99 SHEET 1 OF 2

TAB.

SEE SHEET 2

NOTES: REF SYMBOL

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REL NO. 32508-150 REVISIONS				
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
	A10 A11 A12 A13 B C	SEE SHEET 1 FOR ALL CHANGES		

ASSEMBLY NUMBER	PT NO.	SHELL ASSEMBLY	GASKET	B +.010 −.005	D +.010 −.025	K +.011 −.010	L +.011 −.000	L1 +.011 −.000	M +.006 −.005	N DIA +.001 −.005	U MAX	R (TP)	KK DIA +.001 −.005	SS +.000 −.016	E +.010 −.020	S +.011 −.010	T ±.005
10-146256-	02H-6-	10-257985-	10-677853-61	.370	.025	.062	.541	.706	.109	.348	.153	.469	.438	.439	.085	.688	.120
10-146258-	-8-	10-257986-	-81							.473		.594	.562	.563		.812	
10-146260-	-10-	10-257987-	-101							.590		.719	.672	.680		.938	
10-146262-	-12-	10-257988-	-121							.750		.812	.781	.859		1.031	
10-146264-	-14-	10-257989-	-141							.875		.906	.906	.984		1.125	
10-146266-	-16-	10-257990-	-161							1.000		.969	1.031	1.108		1.219	
10-146268-	-18-	10-257991-	-181							1.125		1.062	1.156	1.233		1.312	
10-146270-	-20-	10-257992-	-201	.432	.087		.603	.768		1.250	.215	1.156	1.250	1.358	.147	1.438	
10-146272-	-22-	10-257993-	-221				.634	.799	.141	1.375		1.250	1.375	1.483	.147	1.562	
10-146274-	-24-	10-257994-	-241				.667	.832	.141	1.500		1.375	1.500	1.610	.147	1.688	.147
10-146275/99			NOT AVAILABLE														

3

10. FOR CONNECTORS CONTAINING SOCKET CONTACTS ASSEMBLE GASKET AFTER ASSY OF FRONT INSERT. USE OF UNDILUTED PROPRIETARY ALCOHOL TO ASSIST IN ASSEMBLY IS PERMITTED. GASKET MUST BE PROPERALLY SEATED & BE FREE OF FOLDS AND CONVOLUTIONS.

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

8. FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.

7. FOR MATING PLUG ASSEMBLIES, SEE DRAWING 10-146506/50 AND 10-146506/50.

6. INSERTS AND CONTACTS MUST NOT BE REMOVED.

5. 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.

4. VERTICAL CENTERLINES OF INSERT ARRANGEMENT AND THE MAIN SHELL POLARIZING KEYWAY TO BE WITHIN .005 OF INDICATED ROTATION PER 9-2437-1.

3. TO COMPLETE ASSY NO., PT NO. AND SHELL ASSY NO. ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.

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

1. FOR CONTACT ARRANGEMENTS, SEE DRAWINGS L-15206-() THRU L-15250-().

16. LETTERS MAY BE INCOMPLETE BUT ALL LETTERS MUST BE LEGIBLE.

15. UNITS ILLUSTRATED MEET THE MATERIAL AND FINISH REQUIREMENTS OF MIL-DTL-26482 EXCEPT SHELL IS TIN PLATED STEEL.

14. RESULTANT UNPLATED AREA, DUE TO PLATING PROCEDURE, IS PERMISSIBLE ON WELL END OF CONTACTS.

13

12. FOR ALL INSERT ARRANGEMENTS, TOLERANCE ON DECIMAL DIMENSIONS ± .002.

11.

NOTES: REF SYMBOL

SOLDER WELL DATA		
CONTACT SIZE	20	16
WELL DIA	.044 +.006 −.002	.078 +.004 −.002
WELL DEPTH ±.016	.125	.188
Z DIM MAX FOR 10-146256/70	.315	.344
Z DIM MAX FOR 10-146272/74	.315	.377
Z1 DIM MAX FOR 10-146256/72	.259	.259
Z1 DIM MAX FOR 10-146274	.226	.226

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ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

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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.

MATERIAL SPEC | PROCESS SPEC TEST 9-3920 ASSY 9-2437-1 9-4385 9-5788, 9-3013,

DRAWN: PESSAGNO DATE: 3-6-57
CHECKED: W. Lyons DATE: 8-13-63
MATERIAL:
STANDARDS: J. Balantine 8-13-63
DRAFTING: A. Smart 8-13-63
ENGINEERING: [signature] 8/13/63
DEVELOPMENT: A.B. Kirby 8/13/63

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838 U.S.A.

TITLE:
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE PTH( ) FB, TIN PLATED

CODE IDENT NO.	SIZE	
77820	C	10-146256 THRU 10-146299

SCALE NONE | WT SEE PARTS LIST | REF 10-104256/99 | SHEET 2

TAB.

92-54

10-146256/99

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