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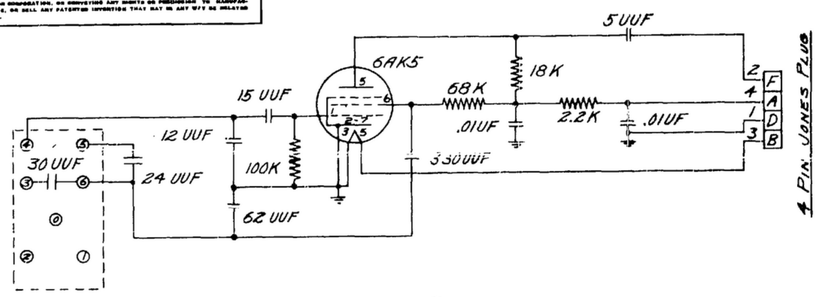
*FOR INFORMATION ONLY, CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.

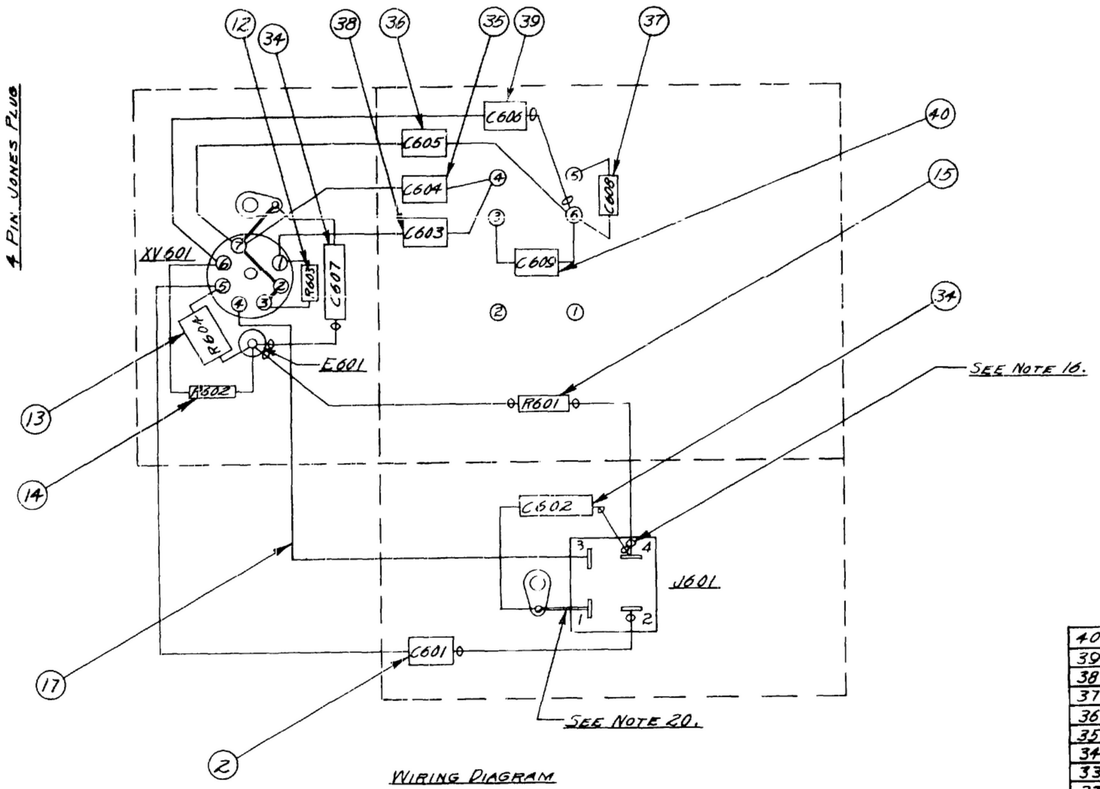
QMS ISSUER REVISIONS		6 SEPT 56
SYM	DESCRIPTION	DATE APPROVAL



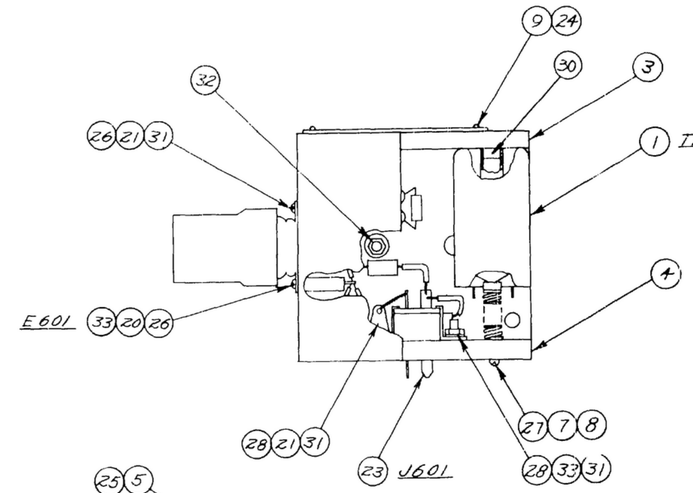
BOTTOM VIEW OF COIL

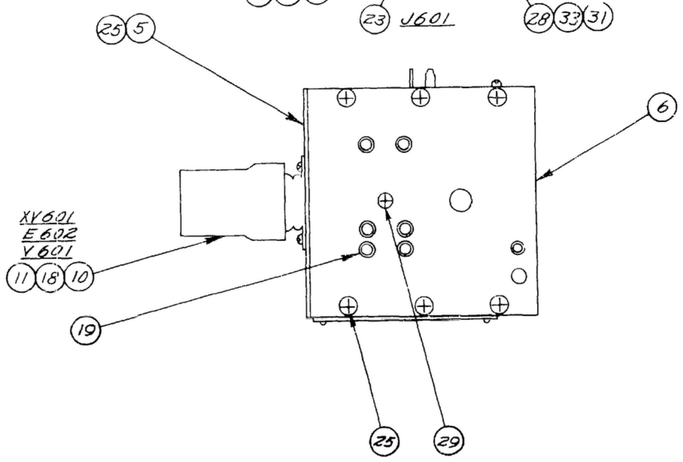
SCHEMATIC DIAGRAM

4 PIN JONES PLUG



WIRING DIAGRAM





NOTES:
1. SHALL BE BRN. SRIR-3/5(7)-22 U1.
2. SUPPLIED BY GENERAL ELECTRIC CORP., SCHENECTADY, NEW YORK, OR EQUAL.
3. SUPPLIED BY SEALECTRO CORP., NEW ROCHELLE, NEW YORK, OR EQUAL.
4. SUPPLIED BY WHITSO INC., SCHILLER PARK, ILL., OR EQUAL.
5. SUPPLIED BY PATTON-MACGUYER CO., PROVIDENCE, RHODE ISLAND, OR EQUAL.
6. SUPPLIED BY BENTLEY HARRIS MFG. CO., CONSHOHOCKE, PENN. OR EQUAL.
7. SUPPLIED BY HOWARD B. JONES CO., CHICAGO, ILL., OR EQUAL.
8. SUPPLIED BY PARKER KALON CORP., CLIFTON, N.J., OR EQUAL.
9. SUPPLIED BY PHEOLL MFG. CO., CHICAGO, ILL., OR EQUAL. (PHILLIPS CROSS RECESSED)
10. SUPPLIED BY BRISTOL CO., WATERBURY, CONN., OR EQUAL. (6 SPLINE)
11. SUPPLIED BY CENTRAL SCREW CO., CHICAGO, ILL., OR EQUAL.
12. SUPPLIED BY INLAND AUTOMATIC INC., OMAHA, NEB., OR EQUAL (INSERT CAPTIVE)
13. SUPPLIED BY SHAKEPROOF INC., CHICAGO, ILL., OR EQUAL.
14. SUPPLIED BY SPRAGUE ELECTRIC CO., NORTH ADAMS, MASS., OR EQUAL.
15. SUPPLIED BY CORNELL-DUBILIER ELECTRIC CORP., SOUTH PLAINFIELD, N.J., OR EQUAL.
16. SYMBOL ——0—— INDICATES TUBING (22).
17. ALL SOLDER SHALL BE SN-50 PER QQ-S-571.
18. COIL (1) IS SUPPLIED IN POSITION SHOWN. WHEN IN USE COIL IS PLUGGED IN SOCKETS (19) & HELD IN PLACE WITH SCREW (29).
19. COAT ALL SOLDER CONNECTIONS WITH VARNISH TYPE I PER MIL-V-173.
20. WIRE (16) IS SHOWN BY A DOUBLE LINE.
21. SHALL BE TYPE S #22 SOFT ANNEALED TIN COATED.
22. ALL THREADS SHALL BE PER HANDBOOK H28.

40			-25	22R5Q3				
39			-24	5R5T33				
38			-23	22R5Q15				
37			-22	22R5Q24				
36			-21	22R5Q62				
35	1		-20	22R5Q12	MICA			15
34	2		-19	CAPACITOR *67P10394	PAPER			14
33	2		-18	WASHER *4 INT. SHAKE				13
32	1		-17	NUT 4-40NC-2B x .230x 1/4 HEX				12
31	3		-16	NUT 4-40NC-2B x 7/64" 1/4 HEX.				11
30	1		-15	6-32NC-3A x 1/4 HEAD x KETTUCK		OVERALL LENGTH		10
29	1		-14	4-40NC-2B x 1/4 PAN HEAD				
28	2		-13	4-40NC-2A x 1/4 FLAT HEAD				
27	1		-12	6-32NC-2A x 1/4 PAN HEAD				
26	2		-11	4-40 NC-2A x 1/4 BINDER HEAD				
25	10		-10	SCREW 4-40NC-2A x 1/4 FLAT HEAD				9
24	2		-9	DRIVE SCREW 6 x .058 DIA.	STEEL			8
23	1		-8	CONNECTOR P-304-AB-M1.				7
22	AS REQ		-7	TUBING *BH 8000 NO. 18				6
21	2		-6	LUG *3002				5
20	1		-5	POST *1034-1				4
19	6		-4	SOCKET *SKT-1	TEFLON			3
18	1		-3	TUBE *6AK5				2
17			-2	JAN-C-76				1
16	AS REQ	SM-D-333094		WIRE MIL-W-3861	COPPER			21
15		RC 32GF282K						
14		RC 20BF683K						
13		RC 20BF183K						
12		RC 20BF104K		RESISTOR MIL-R-11				
11		TS102.201		SHIELD				
10		TS102.P01		SOCKET JAN-S-28				
9		SM-C-31958-6		NAME PLATE				
8		SM-B-31957		SPRING				
7		SM-B-31957		NUT				
6		SM-B-31251		PLATE				
5		SM-B-31250		TOP				
4		SM-B-31249		PLATE				
3		SM-B-31248		PLATE				
2		SM-C-283226-1		CAPACITOR	MICA			
1		SM-D-249091		COIL ASSY				
USE PER	-10	PART NO.		DESCRIPTION	MATL	FINISHED SIZE	SH'Y	NOTE

LIST OF MATERIAL

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES
		TOLERANCES ON
		FRACTIONS DECIMALS ANGLES
	32GL-57635	
NEXT ASSY	USED ON	
APPLICATION		

COLLINS RADIO CO. CEDAR RAPIDS, IA. 00 1179-1171-56-25

SIGNAL CORPS

REVIEWED XXX

APPROVED

DATE 6 Sept 56

TEST OSC R-390A/URR

ANT COIL T206

16.0-32.0 MC

618.6 INSR

57282

SCALE

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH NEW JERSEY

SCL-33309

WHEN REFERRING TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYM., IF ANY, AND DATE.

FD-796-976-2971-48-ARS7-177488