

EQUIP. TYPE *R390A1URR* DEP. NO.

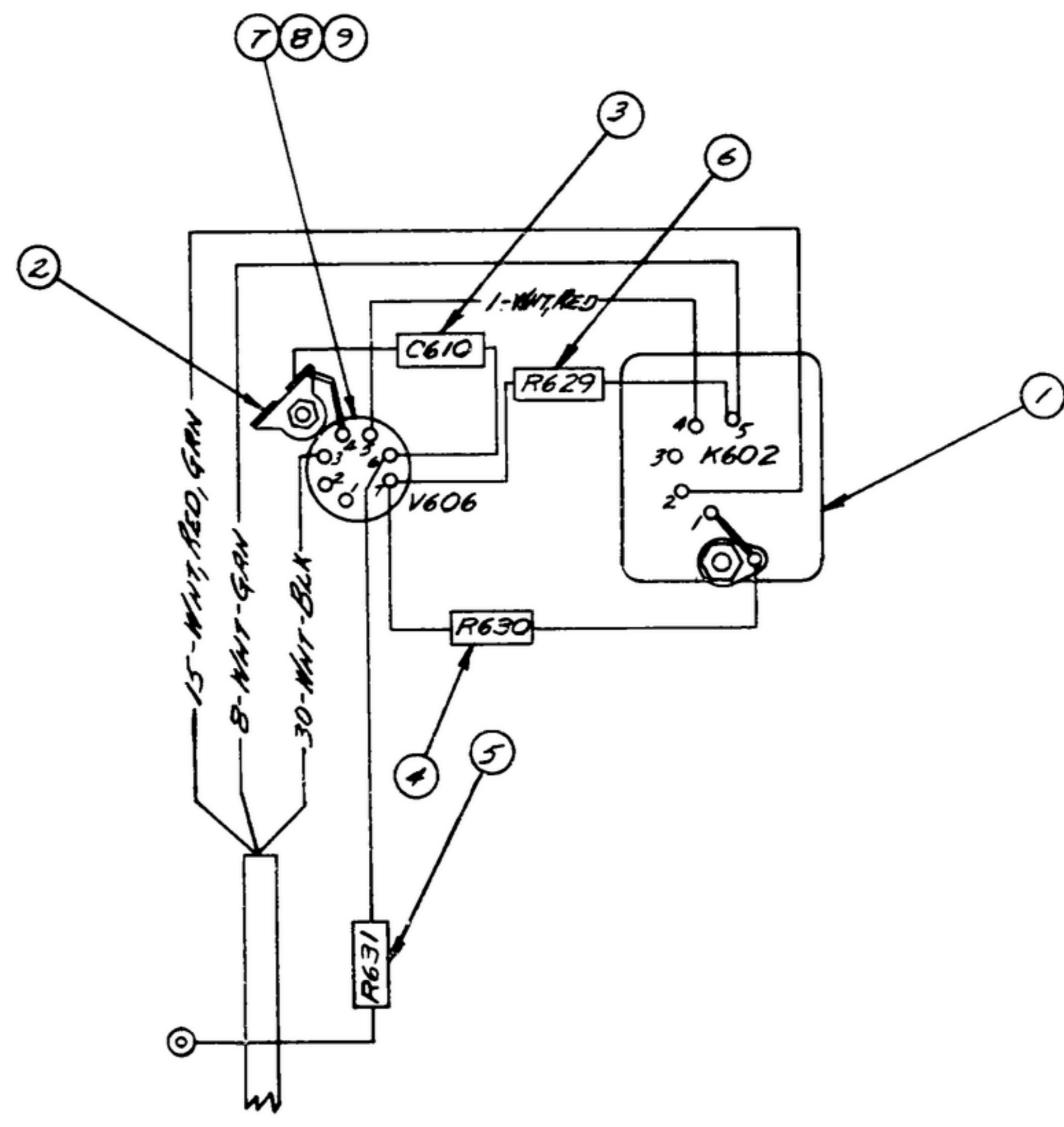
COL 54-1789-002

NOTES: THESE DIMENSIONS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR THE PURPOSES OF THIS DRAWING ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THIS DRAWING AND FOR THE PROPER FABRICATION OF THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THIS DRAWING AND FOR THE PROPER FABRICATION OF THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INTERPRETATION OF THIS DRAWING AND FOR THE PROPER FABRICATION OF THE EQUIPMENT.

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

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL



WIRING DIAGRAM - SQUELCH

TABLE I
WIRE ROUTING TABLE

WIRE NO.	COLOR	FROM	TO	ITEM NO.	NOTES
1	WHT, RED	V606-5	K602-4	10	
8	WHT, GRN	J619-B	K602-2		3
15	WHT, RED, GRN	J620-2	K602-5		3
30	WHT, BLK	K601-1	V606-3		3

TABLE II
NO. 22 BARE STRAP WIRE SHOWN BY DOUBLE LINES

FROM	TO
PART TERM	PART TERM
V606 4	GRN LUG
K602 1	GRN LUG

- NOTES:
1. THIS KIT IS OPTIONAL EQUIPMENT NOT NORMALLY SUPPLIED WITH RECEIVER BUT IS MOUNTED, WHEN USED, IN CHASSIS CUTOUTS WHICH ARE COVERED BY PLATE SM-B-2489BB ON AUDIO ASSY SM-D-248801.
 2. SHALL BE, B22, NYLON JACKET.
 3. WIRE NOS CALLED OUT ON SM-D-248801 SHD 3 TO BE WIRED AS INDICATED WHEN SQUELCH KIT IS USED.
 4. PART SHALL BE #22 DRAWN & ANNEALED TIN COATED.

QTY	COLLINS PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES
2	21 2220 00	11	AS REQD	-2	WIRE, TUBE 5		MIL-W-3861	4
10	29 7034 00	10	AS REQD	SM-C-249150-1	WIRE, WHT RED		MIL-W-16878	2
9	254 0126 00	9	1	6CA	TUBE		MIL-E-1B	
8	141 8144 00	8	1	TS102U02	SHIELD-TUBE		JAN-5-28	
7	220 111 00	7	1	TS102P01	SOCKET-TUBE		JAN-5-28	
6	745 5726 00	6	1	RC20GF563K				
5	745 1478 00	5	1	RC20GF105K				
4	745 1359 00	4	1	RC20GF152K	RESISTOR		MIL-R-11	
3	559 0427 003	3	1	SM-C-283242	CAPACITOR-FIXED			
2	559 0203 002	2	1	SM-B-249251	TERMINAL-SOLDER			
1	557 1433 003	1	1	SM-C-178572	RELAY-SQUELCH			

LIST OF MATERIAL - COLLINS PART NO. 558-0503-003

DRAWN <i>R.B.B.</i>				CHECKED <i>Am</i>		APPROVED		COLLINS-RADIO CO. 4214-PH-51-93		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY	
UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.008 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64 MACHINED ANGLES MAY VARY ±1° BEADED ANGLES MAY VARY ±.05° BROKEN ANGLES MAY VARY ±1° ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING. ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.				REVIEWED <i>PME</i>		APPROVED <i>HLV</i> <i>PME</i>		DATE <i>30 MAR '56</i>		SCALE	
COLLINS NO.	QTY	NEXT ASSY	USED ON	KIT-SQUELCH ASSY							
558-0001-001				SM-C-249150							