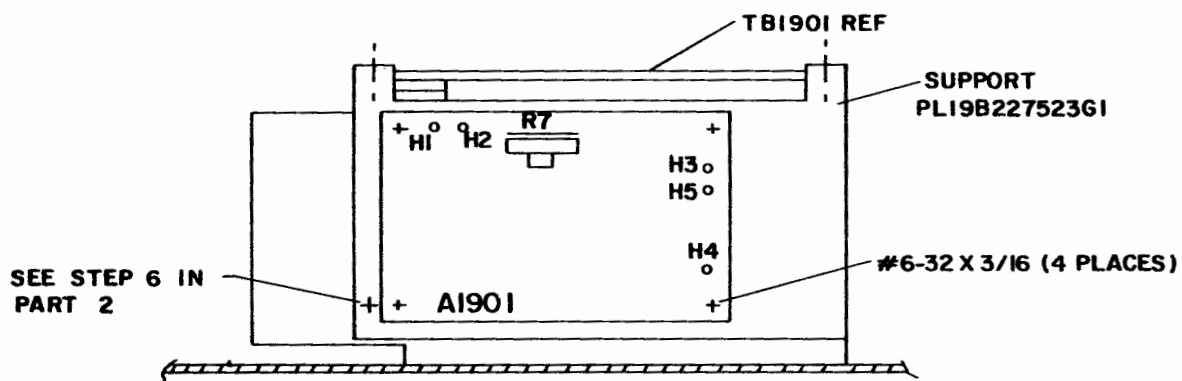
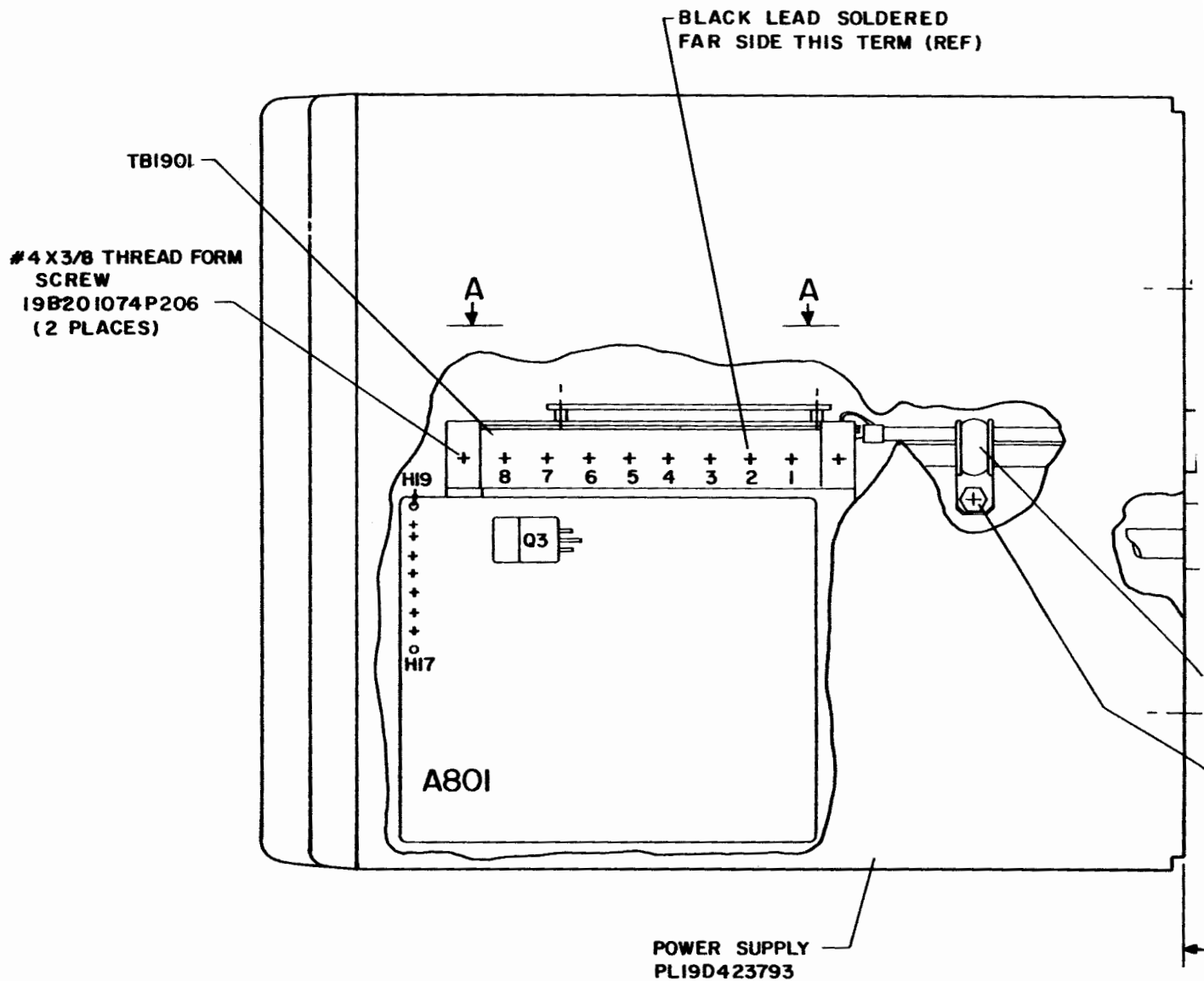
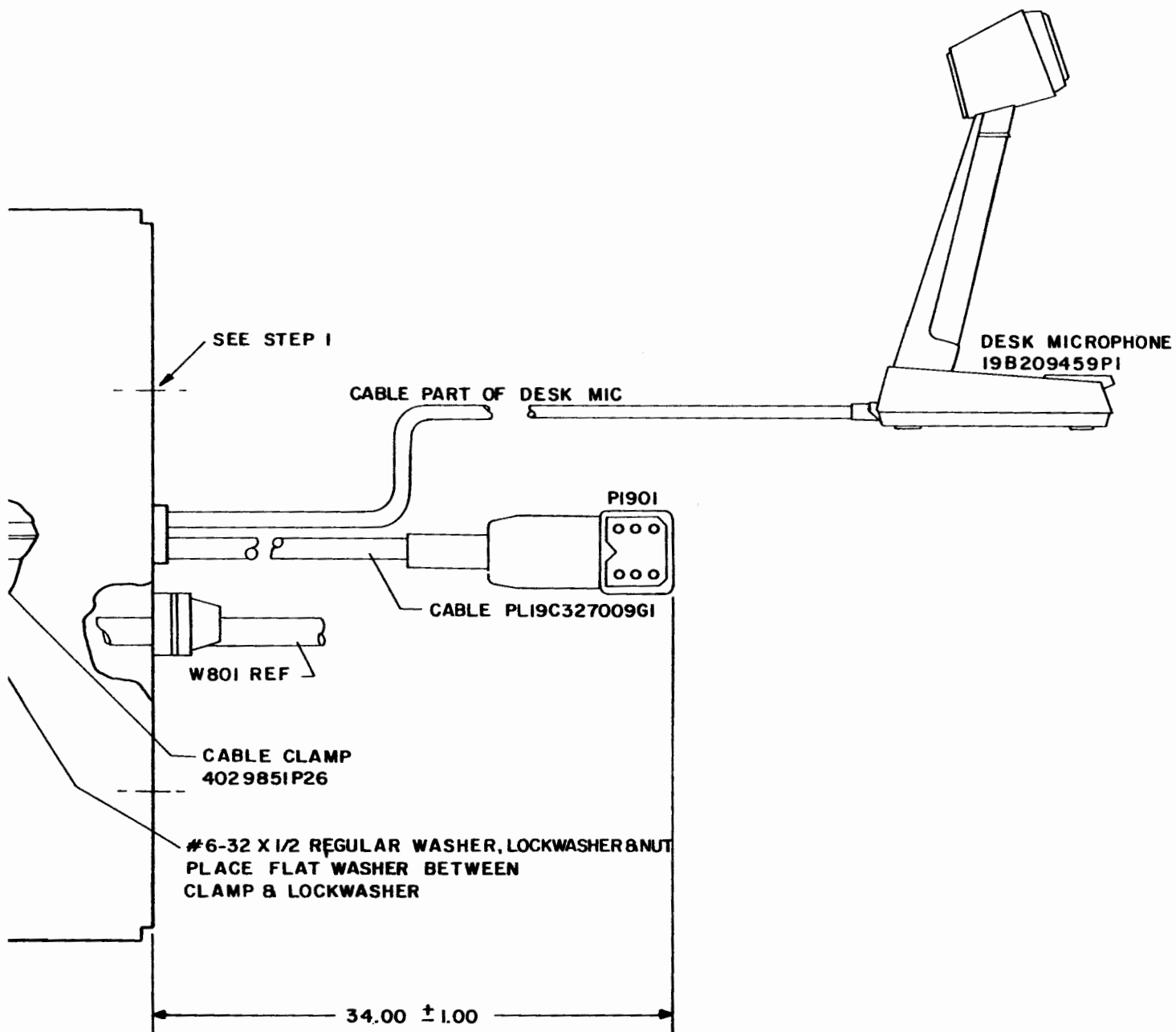






THIS INSTRUCTION COVERS THE FACTORY INSTALLATION OF DESK MICROPHONE PREAMP OPTION TO THE CUSTOM MVP STATION.

1. REMOVE COVER OF CUSTOM MVP POWER SUPPLY BY REMOVING FOUR (4) SCREWS AT REAR OF UNIT. (SAVE COVER AND SCREWS).
2. MOUNT COMPONENT BOARD, A1901, TO SUPPORT, PL19B227523G1 USING FOUR (4) 6-32 X 3/16 SCREWS AND LOCKWASHERS SUPPLIED. (SEE VIEW A-A)
3. POSITION TERMINAL BOARD, TB1901, AND COMPONENT BOARD SUPPORT AS SHOWN IN VIEW A-A, AND ATTACH WITH TWO (2) 4 X 3/8 THREAD FORMING SCREWS SUPPLIED.
4. MAKE THE FOLLOWING CONNECTIONS:

FROM	COLOR	TO
TB1901-2	BK	A801-H17
TB1901-3	O	A801-H19
A1901-H1	O	TB1901-3
A1901-H2	W	TB1901-4
A1901-H3	BL	TB1901-7
A1901-H4	R	TB1901-5

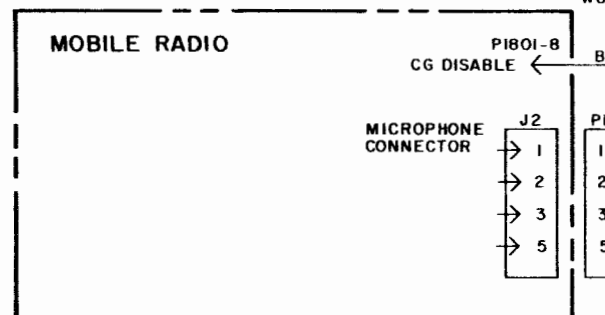
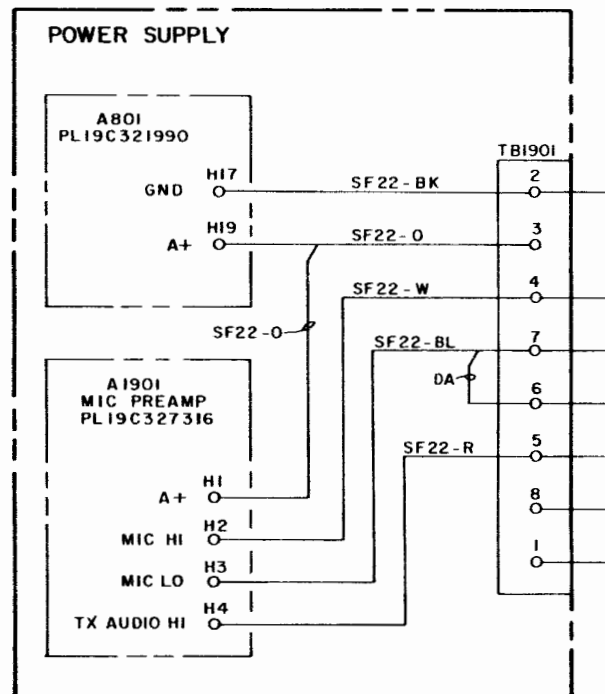
SOLDER { CONNECT WIRES TO SOLDER SIDE
5. REMOVE INSULATING SLEEVING AND TERMINATE BLUE LEAD FROM W801 TO TB1901-1.
6. MOUNT CABLE CLAMP 4029851P26 IN PLACE.
7. REPLACE COVER AND SCREWS SAVED FROM STEP 1.

THIS INSTRUCTION COVERS THE FIELD INSTALLATION OF THE DESK MICROPHONE PREAMP TO THE CUSTOM MVP STATION.

1. REMOVE COVER OF CUSTOM MVP POWER SUPPLY BY REMOVING FOUR (4) SCREWS AT REAR OF UNIT. (SAVE COVER AND SCREWS)
2. INSTALL PREAMP BOARD FOLLOWING STEPS 2 THRU 5 IN PART 1.
3. PASS MIC CABLE THRU COVER THEN ROUTE DESK MIC AND P1901 CABLES THROUGH EYELET IN REAR OF POWER SUPPLY.
4. MAKE THE FOLLOWING CONNECTIONS USING CABLE PL19C327009G1:

FROM	COLOR	TO
P1901-1	BK	TB1901-6
P1901-2	R	TB1901-5
P1901-3	W	TB1901-8
5. MAKE THE FOLLOWING CONNECTIONS USING DESK MIC CABLE:

COLOR	TO
BK	TB1901-2
W	TB1901-4
BL	TB1901-7
R	TB1901-8
G	TB1901-1
6. INSERT DESK MIC CABLE STRAIN RELIEF HOOK IN HOLE ON COMPONENT BOARD SUPPORT AND PINCH CLOSED.
7. ROUTE BOTH MIKE CABLE AND P1901 CABLE THROUGH CABLE CLAMP AND SECURE TO POWER SUPPLY WITH HARDWARE SUPPLIED.
8. REPLACE COVER AND SCREWS SAVED FROM STEP 1.
9. CONNECT P1901 TO J2 (MICROPHONE JACK) ON MOBILE RADIO.

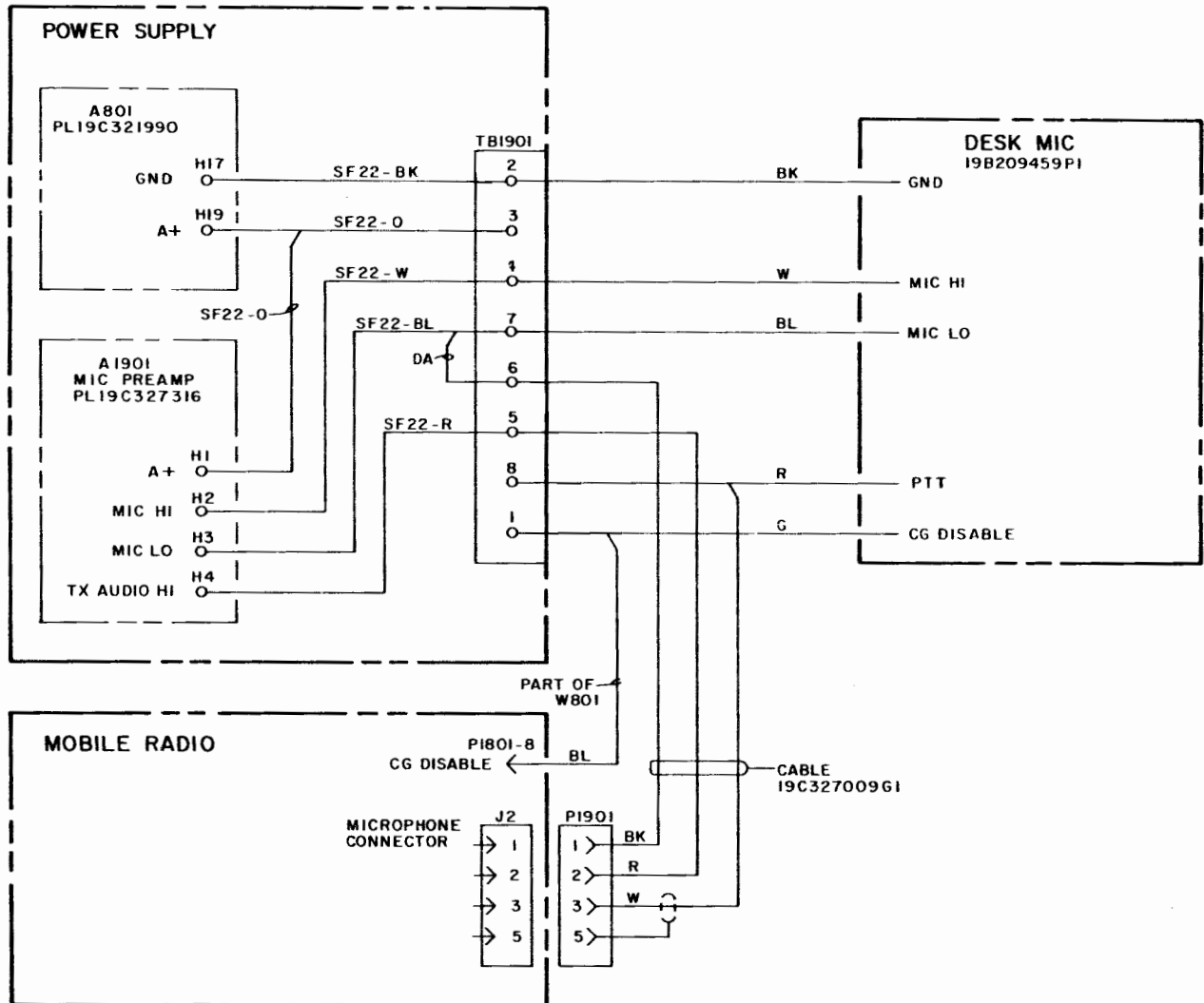


N.

2361

D

HRES

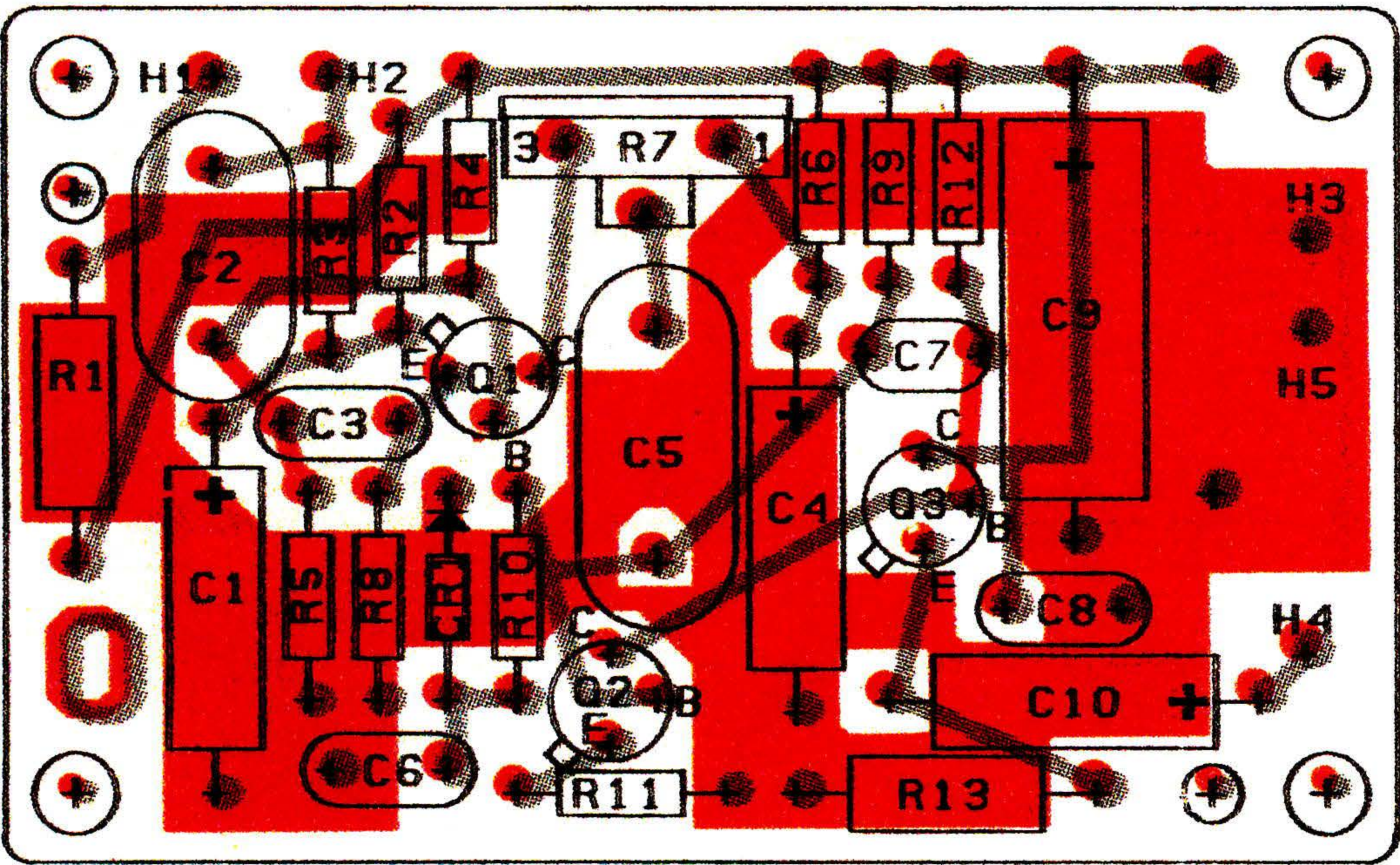


(19C327324, Rev. 1)

INSTALLATION INSTRUCTIONS

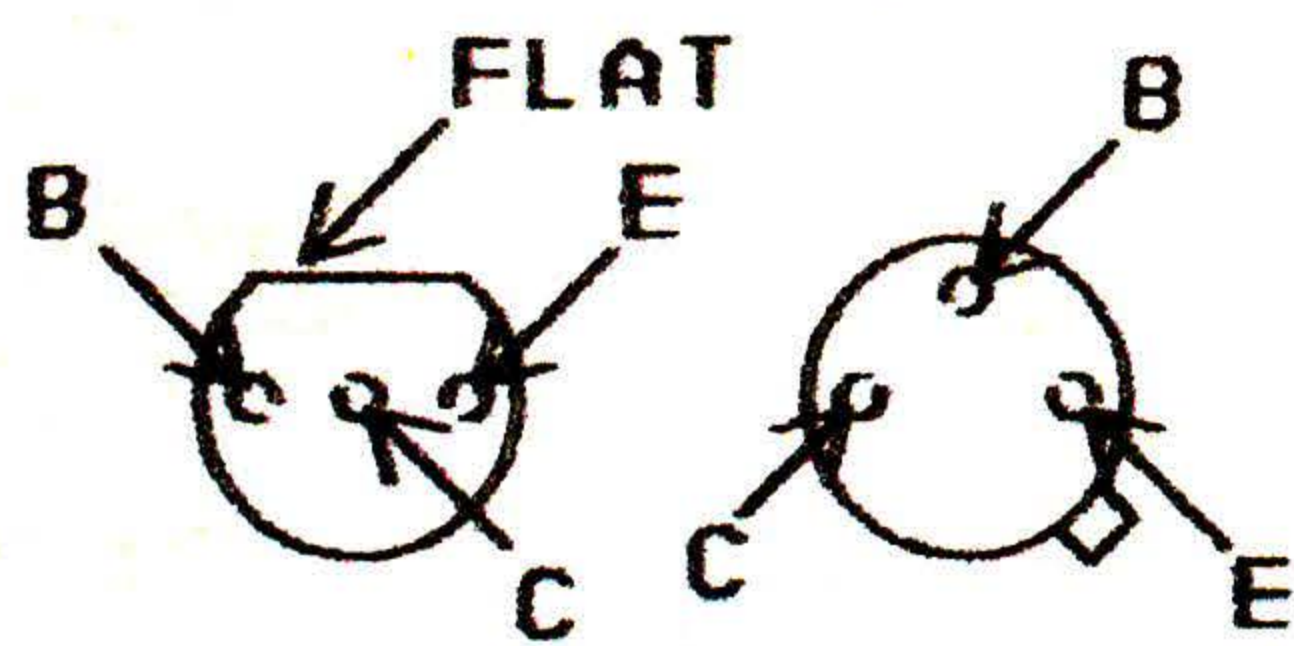
DESK MICROPHONE PRE-AMP KIT
19A136766

OUTLINE DIAGRAM



(19C327399, Rev. 0)
(19B227517, Sh. 1, Rev. 0)
(19B227517, Sh. 2, Rev. 0)

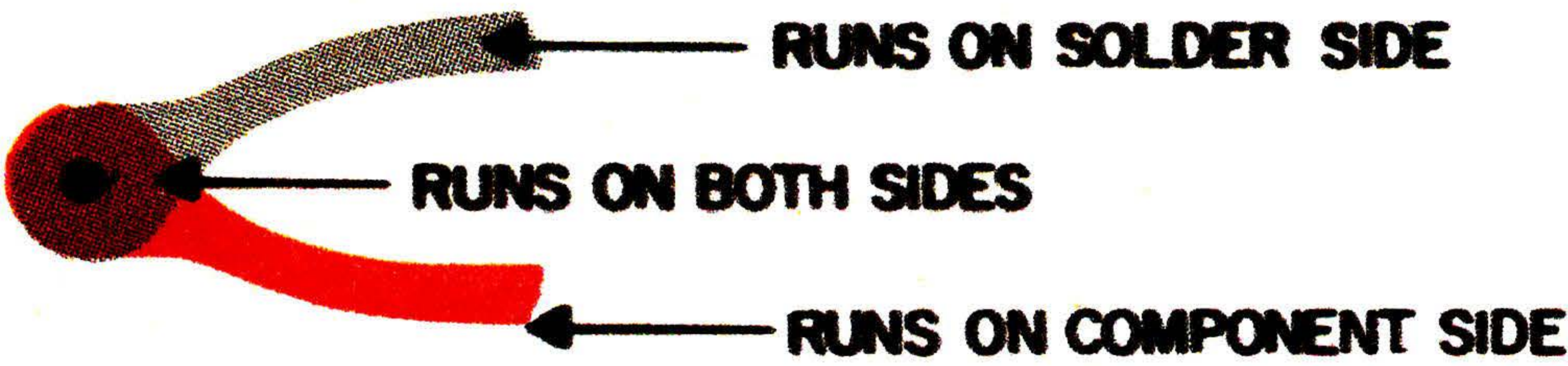
LEAD IDENTIFICATION
FOR Q1, Q2 & Q3



FROM	WIRE
H1	SF220
H2	SF22W
H3	SF22BL
H4	SF22R

IN-LINE OR TRIANGULAR
TOP VIEW

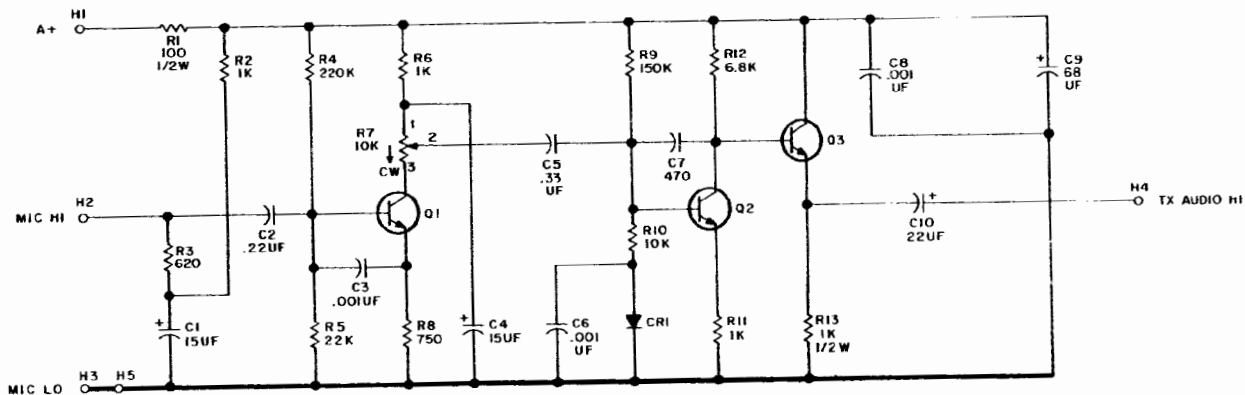
NOTE: LEAD ARRANGEMENT, AND NOT
CASE SHAPE, IS DETERMINING
FACTOR FOR LEAD IDENTIFICATION.



SERVICE SHEET

DESK MICROPHONE PRE-AMP KIT
19A136766G1

SCHEMATIC DIAGRAM



THIS ELEMENT APPLIES TO
MODEL NO. REV. LATER
PL19C327316

IN ORDER TO RETAIN RATED EQUIPMENT
PERFORMANCE, REPLACEMENT OF ANY
SERVICE PART SHOULD BE MADE ONLY WITH
A COMPONENT HAVING THE SPECIFICATIONS
SHOWN ON THE PARTS LIST FOR THAT PART.

ALL RESISTORS ARE 1/4 WATT UNLESS
OTHERWISE SPECIFIED AND RESISTOR
VALUES IN OHMS UNLESS FOLLOWED BY
K=1,000 OHMS OR MEG=1,000,000 OHMS.
CAPACITOR VALUES IN MICROFARADS (EQUAL
TO MICROMICROFARADS) UNLESS FOLLOWED
BY UF= MICROFARADS. INDUCTANCE VALUES
IN MICROHENRYS UNLESS FOLLOWED BY
MH= MILLIHENRYS OR H=HENRYS.

PARTS LIST

LBI-30374

DESK MICROPHONE PRE-AMP KIT
19A136766G1

SYMBOL	GE PART NO.	DESCRIPTION
A1901		PRE-AMP BOARD 19C327316G1
		----- CAPACITORS -----
C1	5496267P14	Tantalum: 15 μ f $\pm$ 20%, 20 VDCW; sim to Sprague Type 150D.
C2	19A116080P9	Polyester: 0.22 μ f $\pm$ 20%, 50 VDCW.
C3	5494481P111	Ceramic disc: 1000 pf $\pm$ 20%, 1000 VDCW; sim to RMC Type JF Discap.
C4	5496267P14	Tantalum: 15 μ f $\pm$ 20%, 20 VDCW; sim to Sprague Type 150D.
C5	19A116080P10	Polyester: 0.33 μ f $\pm$ 20%, 50 VDCW.
C6	5494481P111	Ceramic disc: 1000 pf $\pm$ 20%, 1000 VDCW; sim to RMC Type JF Discap.
C7	5494481P107	Ceramic disc: 470 pf $\pm$ 20%, 1000 VDCW; sim to RMC Type JF Discap
C8	5494481P111	Ceramic disc: 1000 pf $\pm$ 20%, 1000 VDCW; sim to RMC Type JF Discap.
C9	5496267P11	Tantalum: 68 μ f $\pm$ 20%, 15 VDCW; sim to Sprague Type 150D.
C10	5496267P10	Tantalum: 22 μ f $\pm$ 20%, 15 VDCW; sim to Sprague Type 150D.
		----- DIODES AND RECTIFIERS -----
CR1	19A115250P1	Silicon.
		----- TRANSISTORS -----
Q1 thru Q3	19A115889P1	Silicon, NPN.
		----- RESISTORS -----
R1	3R77P101J	Composition: 100 ohms $\pm$ 5%, 1/2 w.
R2	3R152P102J	Composition: 1000 ohms $\pm$ 5%, 1/4 w.
R3	3R152P621J	Composition: 620 ohms $\pm$ 5%, 1/4 w.
R4	3R152P224J	Composition: 220,000 ohms $\pm$ 5%, 1/4 w.
R5	3R152P223J	Composition: 22,000 ohms $\pm$ 5%, 1/4 w.
R6	3R152P102J	Composition: 1000 ohms $\pm$ 5%, 1/4 w.
R7	19B209358P104	Variable, carbon film: approx 100 to 2500 ohms $\pm$ 10%, 0.2 w; sim to CTS Type X-201.
R8	3R152P751J	Composition: 750 ohms $\pm$ 5%, 1/4 w.
R9	3R152P154J	Composition: 150,000 ohms $\pm$ 5%, 1/4 w.
R10	3R152P103J	Composition: 10,000 ohms $\pm$ 5%, 1/4 w.
R11	3R152P102J	Composition: 1000 ohms $\pm$ 5%, 1/4 w.
R12	3R152P682J	Composition: 6800 ohms $\pm$ 5%, 1/4 w.
R13	3R77P102J	Composition: 1000 ohms $\pm$ 5%, 1/2 w.
		----- TERMINAL BOARDS -----
TB1901	19B227521G1	Terminal board: 8 terminals.
		----- MISCELLANEOUS -----
	19B209260P103	Solderless terminal. (Terminates wires located at H1-H4).
	19B227523G1	Support. (A1901).
	19B201074P206	Tap screw, Phillips POZIDRIV®: No. 4-40 x 3/8. (Secures TB1901).
	N80P13003C6	Machine screw: No. 6-32 x 3/16. (Secures A1901).
	N80P13008C6	Machine screw: No. 6-32 x 1/2. (Secures clip loop).
	N404P13C6	Lockwasher, internal tooth: No. 6. (Used with clip loop and A1901).
	N402P7C6	Flatwasher, steel: No. 2. (Used with clip loop).
	7141225P3	Hex nut: No. 6-32. (Secures clip loop).
	4029851P26	Clip loop. (Secures P1901 cable and desk mike cord).

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES