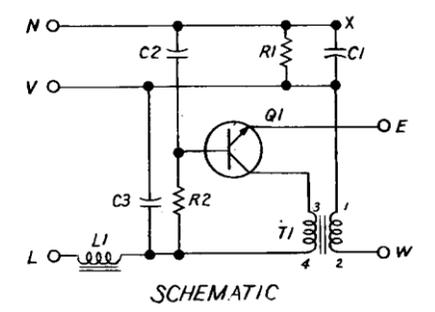
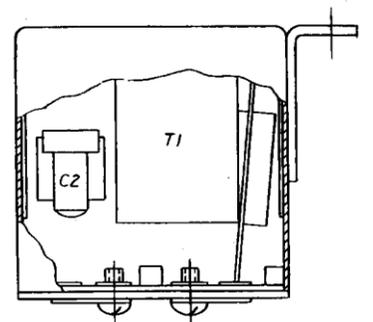
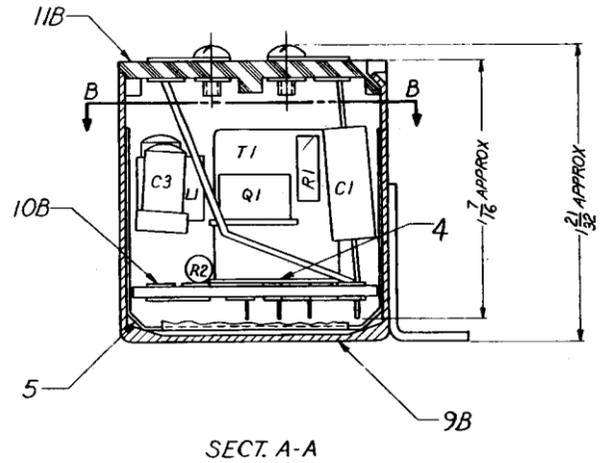
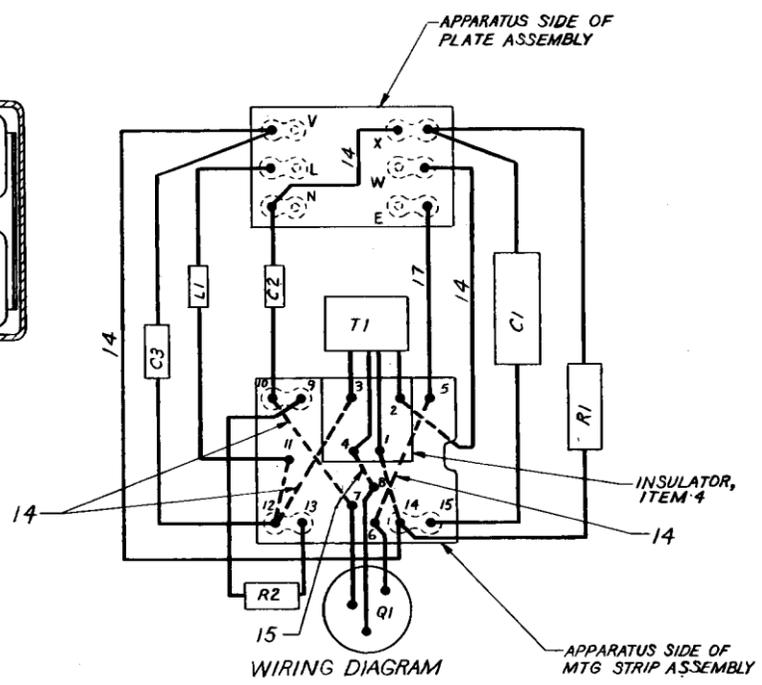
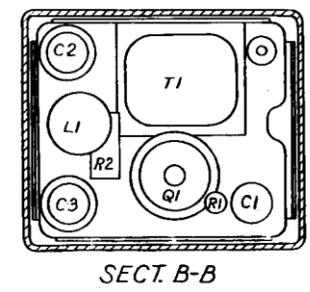
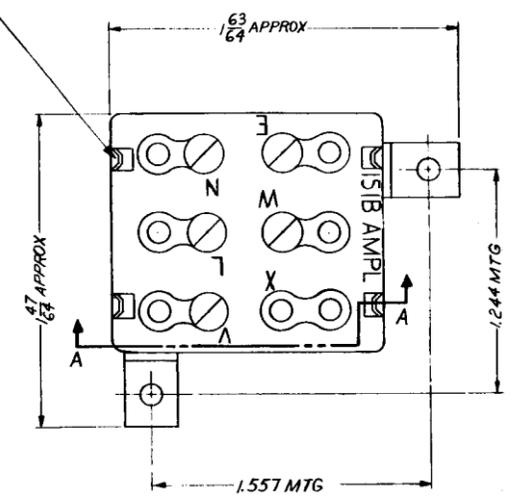


| | |
|----|------------------------|
| 92 | A- |
| 91 | |
| 90 | |
| 89 | |
| 88 | ISSUE 1 10-18-55 |
| 87 | SUPERSEDES ISSUE 1 |
| 86 | WITH THE FOLLOWING: |
| 85 | ADDED: NOTE 53. |
| 84 | CHANGED: NOTE 53. |
| 83 | LOCATION & WIRING OF |
| 82 | INTERNAL COMPONENTS. |
| 81 | DATE: 10/17/57 LJK CCB |
| 80 | CO 252 188 |
| 79 | ISSUE 2 3-7-56 |

NOTES:
 1. APPARATUS DESIGNATIONS C1, T1, R1, ETC. ARE FOR REFERENCE ONLY AND NEED NOT APPEAR ON THE APPARATUS.



CRIMP ITEM 9B TO ITEM 11B IN FOUR PLACES



- WIRING NOTES:**
51. WIRES SHOWN ARE LEADS OF THE INDIVIDUAL APPARATUS UNLESS DESIGNATED WITH ITEM NUMBERS.
 52. ALL LEADS SHALL BE AS SHORT AS PRACTICABLE BUT SHALL HAVE SUFFICIENT SLACK SO THAT THAT WILL NOT BE UNDER TENSION.
 53. IN WIRING DIAGRAM, CONNECTIONS LABELED ● SHALL BE SOLDERED PER KS-524 METHOD C.
 54. APPARATUS TERMINALS OR LEADS SHALL BE SOLDERED SECURELY TO THE EYELETS.
 55. TRANSISTOR CONNECTING PRECAUTIONS: DURING SOLDERING CARE MUST BE TAKEN TO AVOID DAMAGE TO THE UNIT. HOWEVER, THE SPECIFIC MAXIMUM TEMPERATURE MAY BE EXCEEDED PROVIDED THE TEMPERATURE OF THE BASE LEAD MEASURED APPROXIMATELY .050" FROM THE GLASS SEAL AS MEASURED WITH A .010" IRON CONSTANTAN THERMOCOUPLE DOES NOT EXCEED 245°C FOR MORE THAN 10 SECONDS. BEFORE AND AFTER THIS 10 SECOND PERIOD, THE UNIT MUST BE EXPOSED TO A ROOM AMBIENT NOT EXCEEDING 45°C.
- NO BEND SHOULD BE MADE IN THE LEADS CLOSER THAN 1/16" TO THE BODY OF THE TRANSISTOR.

| REQ | IDENTIFICATION NO. | DESCRIPTION | REF DESIG | NOTE | ITEM |
|-----|--------------------|-------------------------------------|-----------|------|------|
| 1 | 2528 A | TRANSFORMER | T1 | | 92 |
| 1 | 4 D | TRANSISTOR | Q1 | | 91 |
| 1 | 1535 A | INDUCTOR | L1 | | 90 |
| 1 | KS-13490-L1 | RESISTOR 20,000Ω | R2 | | 89 |
| 1 | KS-13490-L1 | RESISTOR 1,000Ω | R1 | | 88 |
| 2 | KS-14337 | CAPACITOR .01UF | C2, C3 | | 87 |
| 1 | KS-14140-L2 | CAPACITOR .022UF | C1 | | 86 |
| ✓ | LRM 133 | WIRE, COPPER, TINNED ANNEALED 18 GA | | | 85 |
| ✓ | LRM 133 | WIRE, COPPER, TINNED ANNEALED 24 GA | | | 84 |
| ✓ | | BG WIRE, 24 GA, RED | | | 83 |
| 1 | LP-10C680 | PLATE ASSEMBLY | | | 82 |
| 1 | LP-10C678 | MOUNTING STRIP ASSEMBLY | | | 81 |
| 1 | LP-13A655 | CAN ASSEMBLY | | | 80 |
| 1 | LP-13A718 | INSULATOR | | | 79 |
| 1 | LP-13A656 | INSULATOR | | | 78 |
| | | | | | 77 |
| | | | | | 76 |
| | | | | | 75 |
| | | | | | 74 |
| | | | | | 73 |
| | | | | | 72 |
| | | | | | 71 |
| | | | | | 70 |
| | | | | | 69 |
| | | | | | 68 |
| | | | | | 67 |
| | | | | | 66 |
| | | | | | 65 |
| | | | | | 64 |
| | | | | | 63 |
| | | | | | 62 |
| | | | | | 61 |
| | | | | | 60 |
| | | | | | 59 |
| | | | | | 58 |
| | | | | | 57 |
| | | | | | 56 |
| | | | | | 55 |
| | | | | | 54 |
| | | | | | 53 |
| | | | | | 52 |
| | | | | | 51 |
| | | | | | 50 |
| | | | | | 49 |
| | | | | | 48 |
| | | | | | 47 |
| | | | | | 46 |
| | | | | | 45 |
| | | | | | 44 |
| | | | | | 43 |
| | | | | | 42 |
| | | | | | 41 |
| | | | | | 40 |
| | | | | | 39 |
| | | | | | 38 |
| | | | | | 37 |
| | | | | | 36 |
| | | | | | 35 |
| | | | | | 34 |
| | | | | | 33 |

LA-567172 REQUIREMENTS

151 TYPE AMPLIFIER ASSEMBLY SCHEMATIC & WIRING DIAGRAM

SCALE 2/1

WESTERN ELECTRIC CO. INC. ENGINEER OF MANUFACTURE

BELL TELEPHONE LABORATORIES, INC.

LA-567933

LA-567933