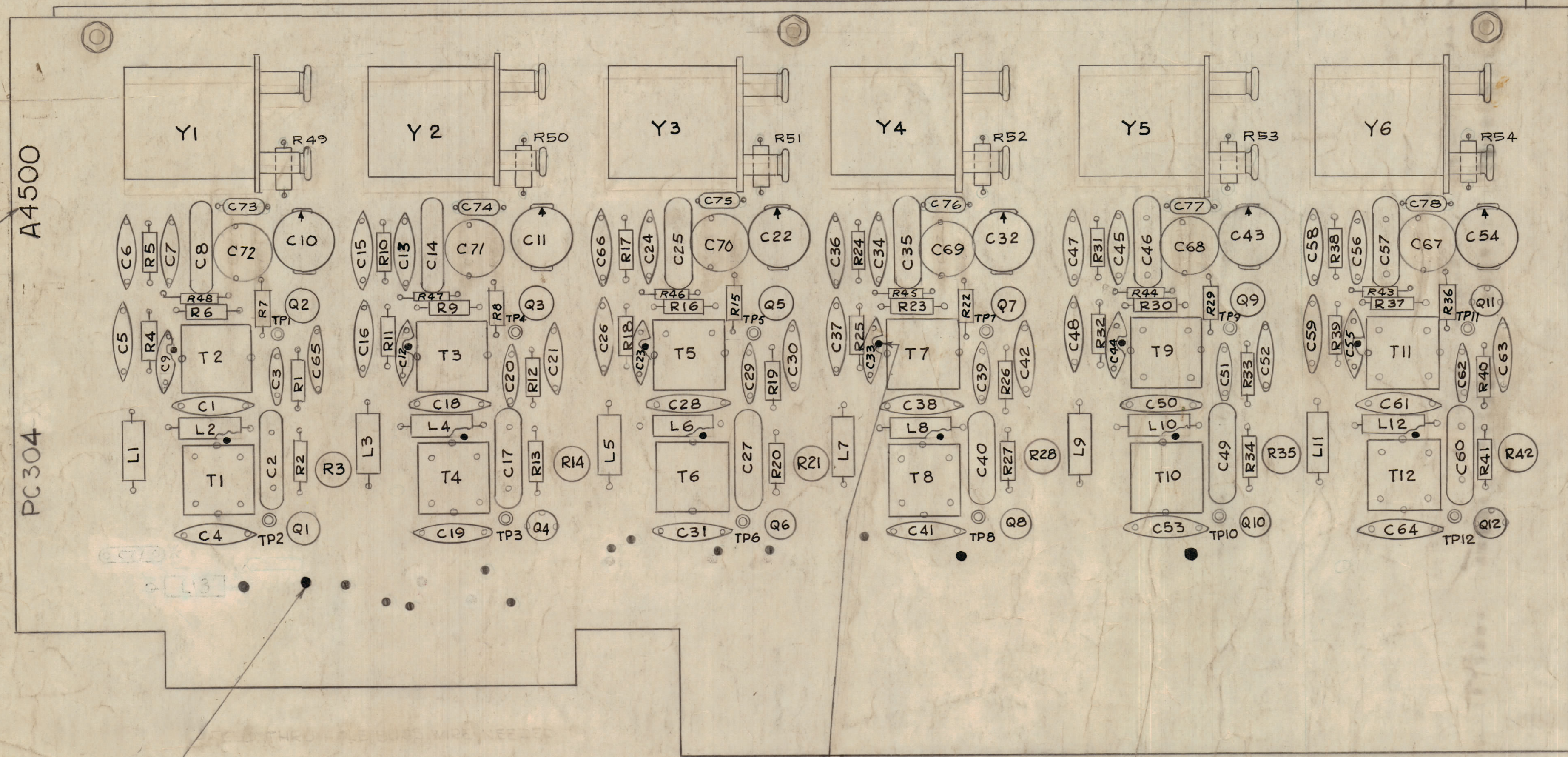


| REVISIONS | | | | | | |
|-----------|-----|--|----------|----------|-------|-----------|
| ZONE | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD APPD |
| | X | EXPERIMENTAL RELEASE | 2-15-67 | | GDL | |
| | Ø | ORIG. RELEASE FOR PROD. | 9-2-67 | | RG | |
| | A | ADDED CHG-(1)4 | 12-15-67 | CC | LD | |
| | B | REV E UPDATED | 3/27/68 | 18827 | MS | |
| | C | ADDR43 TO 54 & C73 TO 78 | 1-12-78 | 19706 | KD | |
| | D | C79, L13 Added | 9-5-77 | 21004 | PH | |
| | E | SHEET 2 Added (A4500-1), L13, C79, L16, L17, L18 | 11-2-78 | 21835 | PH | |



STAMP TMC P/NO. 1/8 HIGH BLACK GOTHIC. COVER MARKING W/CLEAR LACQUER

ORIENTATION OF TRANSFORMER COLOR CODE DOT AS SHOWN

~ SYMBOL SERIES 500 ~

ASSEMBLY NOTICE

- 1- TO MOUNT COMPONENTS, INSERT LEADS THROUGH PLATED THRU-HOLES.
- 2- BE CAUTIOUS: WHEN APPLYING HEAT & SOLDER TO LEAD & FOIL
- 3- CLEAN AND INSPECT AS PER S676.
- 4- FOR ELECTRICAL COMPONENT PART NUMBERS REFER TO NPL A 4500 -
- 5- USE SYMBOL NUMBERS FOR ASSY REF.

R1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 49, 50, 51, 52, 53, 54

R3, 14, 21, 28, 35, 42

T1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Q1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

L13 L1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Y1, 2, 3, 4, 5, 6

C2, 8, 14, 17, 25, 27, 35, 40, 46, 49, 57, 60, 73, 78

C10, 11, 22, 32, 43, 54

C1, 3, 4, 5, 6, 7, 9, 12, 13, 15, 16, 18, 19, 20, 21, 23, 24, 26, 28, 29, 30, 31, 33, 34, 36, 37, 38, 39, 41, 42, 44, 45, 47, 48, 50, 51, 52, 53, 55, 56, 58, 59, 61, 62, 63, 64, 65, 66, 79

| QTY. REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|-----------------|----------|---------------------------|--------|
| X 17 | BS100 | | SOLDER, TIN ALLOY | |
| 36 16 | | | | |
| 12 15 | TS167-1 | | SOCKET, CRYSTAL | |
| 6 14 | SEE NOTE 4 | | RESISTOR, VARIABLE | |
| 12 13 | | | TRANSFORMER, RF, TUNED | |
| 12 12 | | | TRANSISTOR | |
| 12 11 | | | COIL, RF, FIXED | |
| 6 10 | | | CRYSTAL | |
| 12 9 | | | CAPACITOR, FIXED, MICA | |
| 6 8 | | | CAPACITOR, VARIABLE | |
| 48 7 | SEE NOTE 4 | | CAPACITOR, FIXED, CERAMIC | |
| 1 6 | MS6004 LD303A-2 | | *STIFFENER, PC BOARD | |
| 3 5 | NTH0440BN6 | | NUT, PLAIN HEX | |
| 3 4 | LWE04MRN | | WASHER, LOCK EXT | |
| 3 3 | FW04HBN | | WASHER, FLAT | |
| 3 2 | SCBP0440BN4 | | SCREW, MACHINE | |
| 1 1 | PC304 | | PRINTED CIRCUIT BOARD | |

LIST OF MATERIAL

| | | | |
|---|--|-----------------|--|
| FINAL APPROVAL MECH. DES. <i>[Signature]</i> | | DATE 8-2-67 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK |
| ELECT. DES. <i>[Signature]</i> | | DATE 8-2-67 | |
| CHECKED <i>[Signature]</i> | | DATE 8-1-67 | ASSY, PRINTED CIRCUIT BD. COMB FILTER "A" |
| DRAWN C.D.L. | | DATE 2-10-67 | |
| MATERIAL <i>[Signature]</i> | | DATE 8/2/67 | SIZE CODE IDENT NO/DWG NO. |
| FINISH | | | D 82679 A 4500 |
| | | | ISSUE E |
| | | | SCALE 2:1 SHEET 1 OF 2 |

| QTY / UNIT | MODEL USED ON | ASS'Y NO. |
|------------|---------------|-----------|
| 1 | CHG-(1)4 | Z102 |
| 1 | MMX-(1) | Z102 |
| 1 | VOX-7 | Z102 |

| APPLICATION | |
|-------------|----------|
| CODE | S401-451 |

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