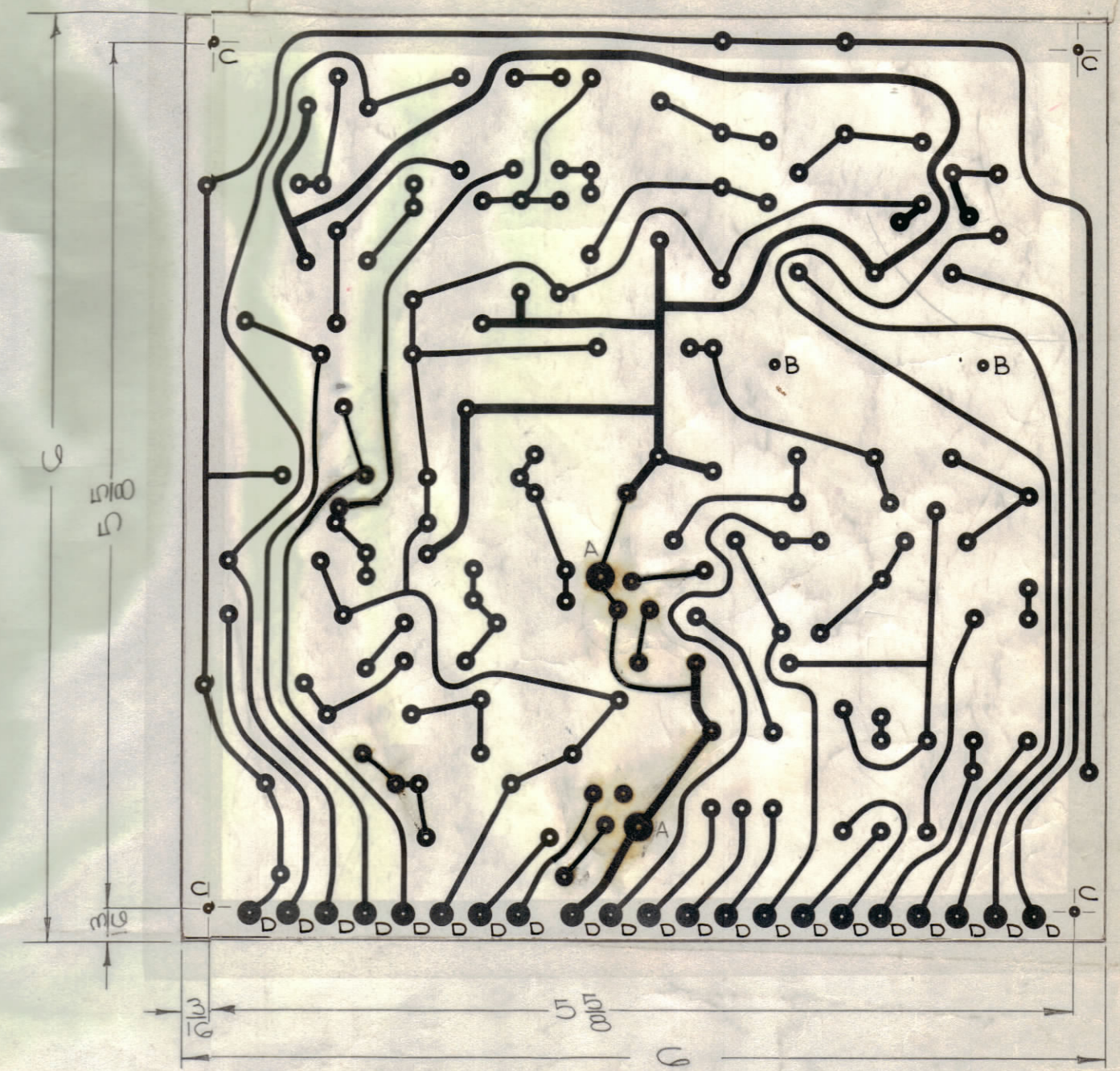


| REVISIONS | | | | | | |
|-----------|-----|--|---------|------------|-------|---------|
| ZONE | SYM | DESCRIPTION | DATE | E.M.N. NO. | DRAFT | CHKD |
| # | A | SEE SHEET 2 OF 2 FOR REVISION | 5/5/64 | 11326 | A.M. | 4/15/18 |
| | B | UNMARKED HOLES WAS 137 EQ'D; A HOLE WAS .250 - 500 | 5/22/64 | 11442 | TR | 1/16 |
| - | C | SEE SHEET 2 OF 2 REV "C" | 9/29/64 | 12338 | JB | 1/16 |
| - | D | SEE SHEET 2 OF 2 REV "D" | 10/8/64 | 12508 | JB | 1/16 |
| | E | ON -A-3221-1 & -2, ARTWORK REVISED; SEE SHEET 2 OF 2 REV "E" | 12-8-64 | 13053 | RT | 1/16 |
| | F | SEE SHEET 2 OF 2 REV. "F" | 3-15-65 | 13699 | RT | 1/16 |
| | G | SEE SHEET 2 OF 2 REV. "G" | 4-20-65 | 13882 | RT | 1/16 |



ORIGINAL ARTWORK TO BE REMOVED FROM PROTECTIVE POCKET WHEN PHOTOGRAPHING.

— A-3221-1 ETCHING —



— A-3221-2 MACHINING —

| FINISHED HOLE & PAD SPECIFICATIONS | | | | |
|------------------------------------|---|---------|--------------|-------------|
| HOLE | HOLE DIA | PAD DIA | QUANTITY REQ | PLATED THRU |
| UNMARKED | .050 | .120 | 147 | YES |
| A | .088 | .160 | 2 | YES |
| B | 1/8 | NONE | 2 | NO |
| C | 3/32 | NONE | 4 | NO |
| D | .078 ^{+0.002} _{-.000} | .160 | 21 | YES |

- ~ SPECIFICATIONS ~
- BASE MATERIAL — EPOXY G-10 3/32 THICK
 - FINISH — SEAL ALL EDGES
 - COPPER FOIL — .0027 MIN. THICKNESS (2 oz)
 - PLATING — TIN LEAD, ALL CONDUCTORS MIN. THICKNESS .0008

- ~ NOTES ~
- LETTER DESIGNATIONS SHOWN ON CIRCUIT DENOTE HOLE SIZE - DO NOT PRINT -
 - HOLES AS NOTED ON CHART ARE TO BE PLATED THRU. ALL PLATED THRU HOLES MUST HAVE A MINIMUM COPPER THICKNESS OF .0015 AT ANY POINT WITHIN THE HOLE.
 - SOLDER PLATING TO BE AS PER TMC SPEC. S-73B.

THE ORIGINAL ARTWORK TO BE SUPPLIED BY TMC FOR PHOTOGRAPHING (SCALE 1:1) (TEM-13)

| Q'TY/UNIT | MODEL USED ON | ASS'Y. NO. |
|-----------|---------------|------------|
| 1 | STE-1 | A3753 |
| 1 | SME-1 | A3770 |
| 1 | TTR-10 | A2785 |

| REQ'D. | ITEM | PART NUMBER | DESCRIPTION | SYMBOL |
|---|------|---|-------------|--------|
| KOHN LIST OF MATERIAL E3037- | | | | |
| MATERIAL | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| SEE NOTES | | TITLE PRINTED CIRCUIT BOARD ASSY TRANSMITTER A.F. | | |
| FINISH | | DRAWN [Signature] DATE 9/30/63 | | |
| SEE NOTES | | CHECKED [Signature] DATE 2/16/64 | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | ELECT. DES. DATE 2/16/64 | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | | MECH. DES. DATE [Signature] | | |
| FRACTIONS ± 1/64 ANGLES ± 0° 30' | | SHEET 1002 | | |
| TOLERANCES | | REV. LTR. G | | |

NOTES

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DECIMALS .X ± .05 .XX ± .01 .XXX ± .005

FRACTIONS ± 1/64 ANGLES ± 0° 30'