

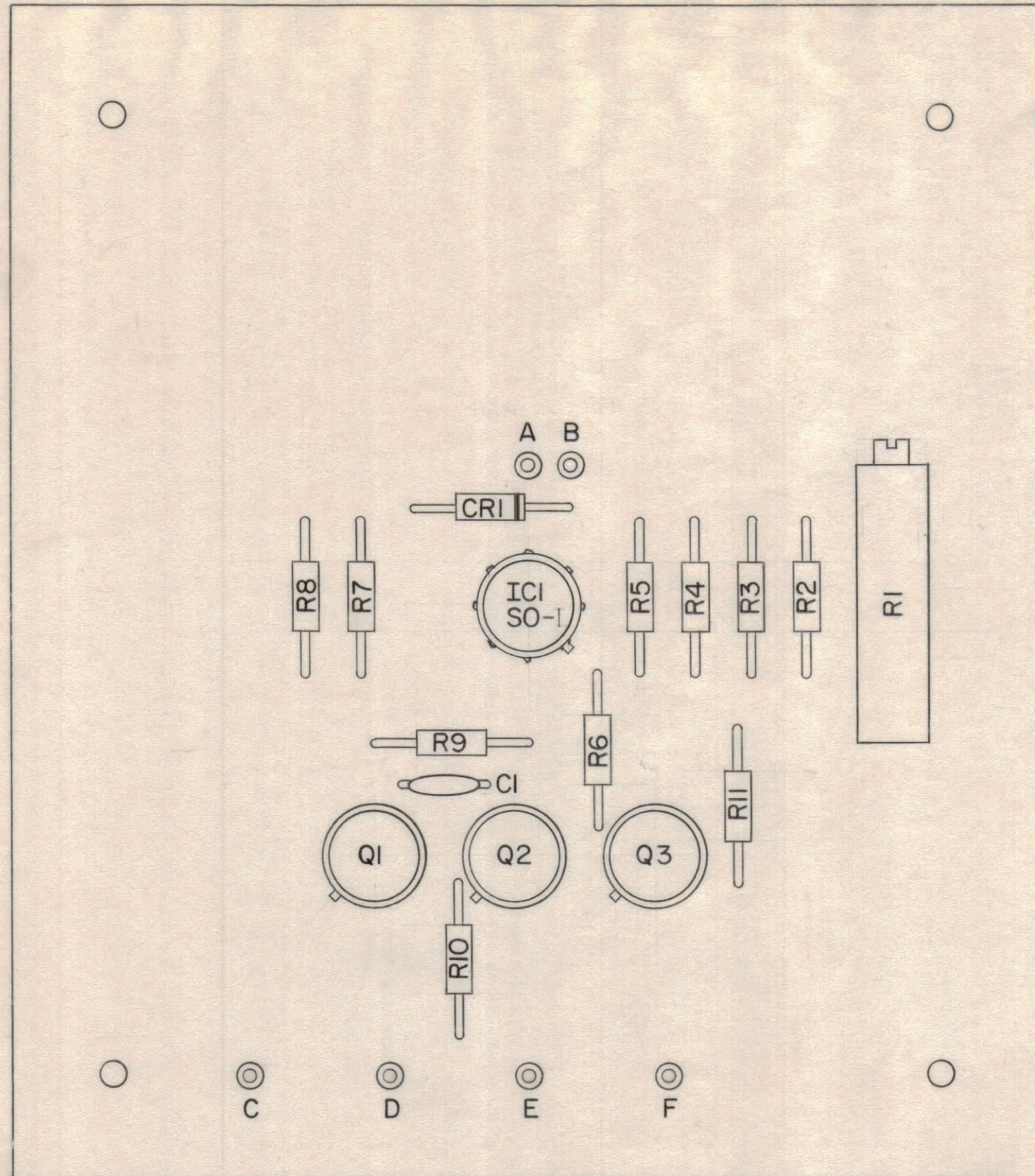
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| REVISIONS |     |                                 |         |          |         |           |
|-----------|-----|---------------------------------|---------|----------|---------|-----------|
| ZONE      | LTR | DESCRIPTION                     | DATE    | E.M.N.NO | DRAFT   | CHKD APPD |
|           | X   | DWG. No. WAS 40N12C7110         | 8-20-68 |          | C. GEOR |           |
|           |     | ORIGINAL RELEASE FOR PRODUCTION | 10/9/69 |          | R.G.    |           |



REFERENCE DRAWINGS

VSWR OVERLOAD PC DRILLING 40N12C7110  
 SCHEMATIC VSWR OVERLOAD CK8119 T114

| QTY. REQ. | ITEM | PART NO.      | DESCRIPTION                         | SYMBOL |
|-----------|------|---------------|-------------------------------------|--------|
| 6         | 19   | TE168-3-B     | TERMINAL, MINATURE                  | A-F    |
| 1         | 18   | 8058-3963     | SOCKET, 8 PIN, IC (AUGAT)           | SO-1   |
| 1         | 17   | 2N1711        | TRANSISTOR                          | Q3     |
| 2         | 16   | 2N3638        | TRANSISTOR                          | Q1, Q2 |
| 1         | 15   | RC07GF103J    | RESISTOR, COMP, EIA                 | R11    |
| 1         | 14   | RC07GF123J    | RESISTOR, COMP, EIA                 | R10    |
| 1         | 13   | RC07GF392J    | RESISTOR, COMP, EIA                 | R9     |
| 1         | 12   | RC07GF822J    | RESISTOR, COMP, EIA                 | R8     |
| 1         | 11   | RC07GF102J    | RESISTOR, COMP, EIA                 | R7     |
| 1         | 10   | RC07GF122J    | RESISTOR, COMP, EIA                 | R6     |
| 1         | 9    | RC07GF563J    | RESISTOR, COMP, EIA                 | R5     |
| 1         | 8    | RC07GF101J    | RESISTOR, COMP, EIA                 | R4     |
| 1         | 7    | RC07GF100J    | RESISTOR, COMP, EIA                 | R3     |
| 1         | 6    | RC07GF222J    | RESISTOR, COMP, EIA                 | R2     |
| 1         | 5    | RV121-1-103   | RESISTOR, VAR., 10K, BOURNS (30470) | R1     |
| 1         | 4    | U5B770239 723 | INTEGRATED CIRCUIT (FAIRCHILD)      | IC1    |
| 1         | 3    | IN753A        | DIODE, ZENER                        | CR1    |
| 1         | 2    | CC100-13      | CAPACITOR, 33 pf., CERAMIC          | C1     |
| 1         | 1    | PC8022-2      | P.C. DRILLING (PC8022)              | PE-1   |

LIST OF MATERIAL

|                    |               |           |
|--------------------|---------------|-----------|
| 4                  | SPT-3KVHF     | 4AX80376  |
| QTY / UNIT         | MODEL USED ON | ASS'Y NO. |
| APPLICATION A-8055 |               |           |
| CODE               |               |           |

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TOLERANCES ON  
 DECIMALS .X ± .05  
 .XX ± .01  
 .XXX ± .005  
 FRACTIONS ± 1/64  
 ANGLES ± 0° -30'

|                          |                 |
|--------------------------|-----------------|
| FINAL APPROVAL<br>J.F.P. | DATE<br>4-25-68 |
| MECH. DES.               | DATE<br>8-26-69 |
| ELECT. DES.<br>L.B.      | DATE<br>4-8-68  |
| CHECKED<br>[Signature]   | DATE<br>4-25-68 |
| DRAWN<br>ROG             | DATE<br>4-24-68 |

|  |                         |                  |            |
|--|-------------------------|------------------|------------|
| THE TECHNICAL MATERIEL CORP.<br>MAMARONECK, NEW YORK |                         |                  |            |
| P.C. ASSEMBLY<br>VSWR OVERLOAD                       |                         |                  |            |
| SIZE<br>C  | CODE IDENT.NO.<br>82679 | DWG NO.<br>A8077 | ISSUE<br>1 |
| SCALE 2-1  |                         | SHEET OF         |            |

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