

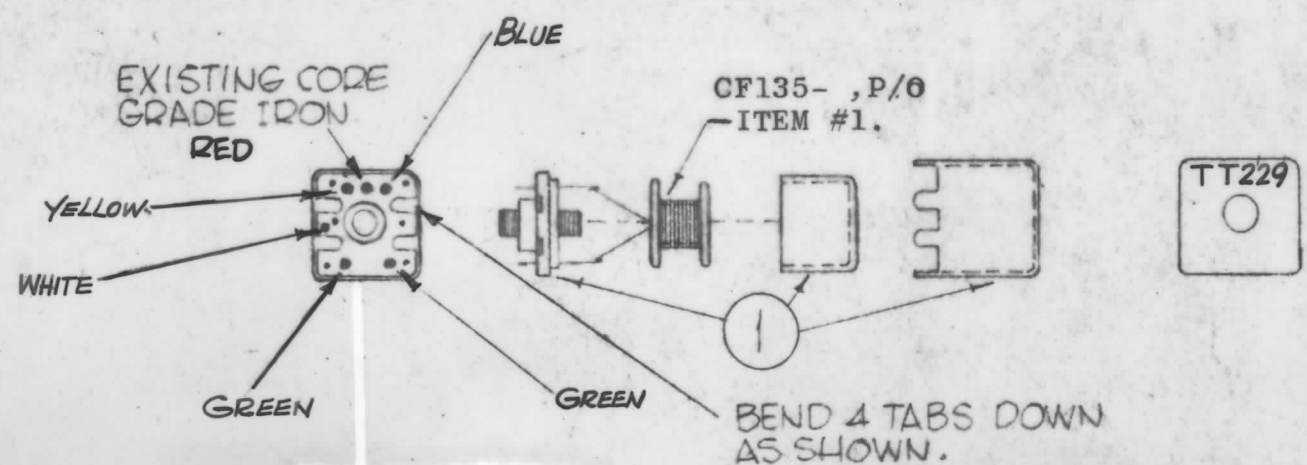
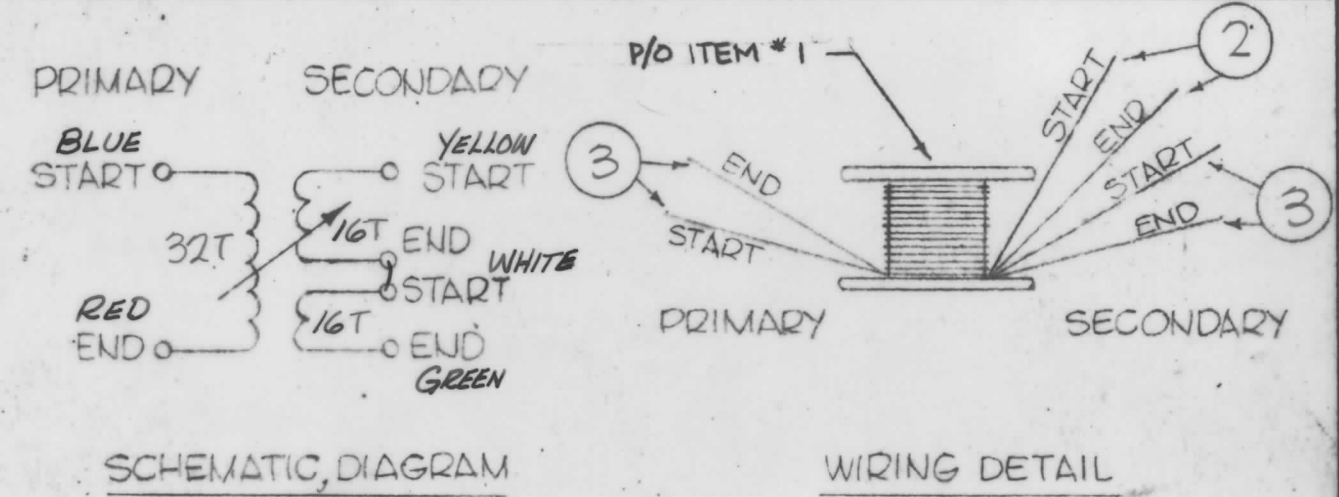
| "Q" TEST FREQUENCY | "Q" MIN. | EXT. CAP. "Q" METER | NUMBER CODE | SYMBOL | INDUCTANCE 10KC BRIDGE |
|--------------------|----------|---------------------|-------------|--------|------------------------|
| 6 MCS              | 30       | —                   | —           | —      | 7.96MH ±.25MH          |

WINDING PROCEDURE

1. PRIMARY WIND 32 TURNS OF ITEM #3 ON ITEM #1, STAKE WITH ITEM #4.
2. SECONDARY WIND 16 TURNS OF ITEM #3 AND ITEM #2, TOGETHER BIFILAR OVER PRIMARY AND IN THE SAME DIRECTION, STAKE WITH ITEM #4.
3. SECONDARY, WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
4. BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
5. COLOR CODE TERMINALS ON BASE AS SHOWN.
6. STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
7. PLACE BOBBIN OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
8. PRIMARY, SOLDER START OF ITEM 3 TO BLUE AND END TO RED.
9. SECONDARY, SOLDER START OF ITEM 3 TO GREEN AND END TO WHITE, SOLDER START OF ITEM #2 TO WHITE AND END TO YELLOW.
10. ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE, BEND THE 4 TABS DOWN IN THE NOTCHES.
11. DO NOT CUT OFF THE TWO LONG TABS.
12. ~~DELETED~~
13. STAMP TMC PART NO. AS SHOWN BELOW.
14. TEST INDUCTANCE, AND Q AS SHOWN ABOVE. SET INDUCTANCE FIRST.
15. BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
16. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
17. REPEAT STEP NO. 14.
18. TEST COIL WITH A 1/4% 10KC UNIVERSAL BRIDGE.

A3903

| REVISIONS |                                 |         |            |       |      |
|-----------|---------------------------------|---------|------------|-------|------|
| SYM       | DESCRIPTION                     | DATE    | E.M.N. NO. | DRAFT | CHKD |
| Ø         | ORIGINAL RELEASE FOR PRODUCTION | 5/19/65 | —          | HLA   |      |



| REQ'D. | ITEM | PART NUMBER | DESCRIPTION             | SYMBOL |
|--------|------|-------------|-------------------------|--------|
| X      | 6    | BS 100      | SOLDER, TIN ALLOY       |        |
| X      | 5    | GL 130      | ADHESIVE - Q-DOPE       |        |
| X      | 4    | GL 103      | ADHESIVE - N-CEL        |        |
| X      | 3    | WI 141-34-2 | WIRE, ELECTRICAL        |        |
| X      | 2    | WI 141-34-5 | WIRE, ELECTRICAL        |        |
| 1      | 1    | CI 136-3    | CORE, ADJUSTABLE TUNING |        |

| POSE  |  | LIST OF MATERIAL                                     |                 |
|---|--|--|-----------------|
| MATERIAL  |  | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK, NEW YORK |                 |
| FINISH  |  | TITLE<br>TT 229<br>TRANSFORMER, RF, ADJUSTABLE       |                 |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES |  | DRAWN<br>H. Austin                                   | DATE<br>5/19/65 |
| DECIMALS<br>.X ± .05<br>.XX ± .01<br>.XXX ± .005  |  | CHECKED<br>[Signature]                               | DATE<br>5/21/65 |
| FRACTIONS<br>± 1/64<br>ANGLES<br>± 0° 30'   |  | ELECT. DES.<br>[Signature]                           | DATE            |
| TOLERANCES  |  | MECH. DES.   | DATE            |
|   |  | FINAL APPROVAL<br>[Signature]                        |                 |
|   |  | DATE<br>5/25/65                                      |                 |
|   |  | A3903  |                 |
|   |  | SHEET  |                 |
|   |  | REV. LTR.  |                 |

NOTES

| Q'TY./UNIT | MODEL USED ON | ASS'Y. NO. |
|------------|---------------|------------|
| 1          | VLRB-1        | A3655      |
| SCALE      | CODE          |            |
|            | A             |            |

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