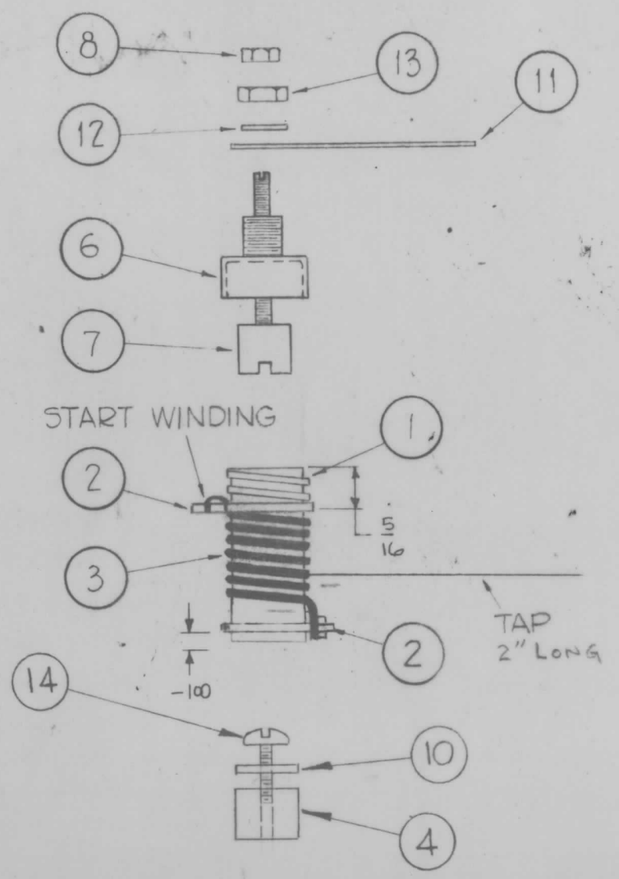
TT132 A

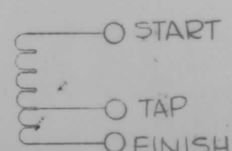



1. Secure terminal rings (item 2) to coil form (item 1) with item 9 (GL-104-2) as shown. Do not allow insulex to form on terminal tip or top end of coil form.
2. Bake for 2 hours at 250° F.
3. Wind 6-1/2 turns of wire on coil form as shown. Crimp and solder wire to terminal rings as shown. Wind in CLOCKWISE DIRECTION.
4. Solder tap to coil. 2 turns from bottom.
5. Coat winding with item 9 (GL-104-2)
6. Bake unit for 2 hours at 250°F.
7. Test unit as per chart and Schematic using existing terminal leads. (Note: Use Boonton Q Meter Model 160 or Equiv).
8. Items 6, 7, 8, 11, 12, & 13 to be left as a separate assembly. Inserted, but not secured in coil.
9. Items 4, 10 and 14 to be left as a separate assembly. Inserted BUT NOT SECURED in coil.

| | | | | |
|---|---|---|---|---|
| 1 | 14 | SC-143-632B10 | SCREW, MACHINE, NYLON | |
| 1 | 13 | NTH2528BN14 | NUT, HEX | |
| 1 | 12 | LWI25MRN | LOCKWASHER, INTERNAL TOOTH | |
| 1 | 11 | TE-111-1 | LUG, SOLDER | |
| 1 | 10 | FW-101-1 | WASHER, NYLON | |
| X | 9 | GL-104-2 | INSULEX, U-85 | |
| 1 | 8 | NTH0632BN8 | NUT, HEX | |
| 1 | 7 | CI-109-7 | CORE, TUNING | RED |
| 1 | 6 | SM-142 | BUSHING, COIL FORM | |
| X | 5 | BS-100 | SOLDER, SOFT | |
| 1 | 4 | RY-129-8 | ROLLER, RUBBER | |
| X | 3 | WL-100-4 | WIRE, BUSS | |
| 2 | 2 | TE-153-3 | TERMINAL, RING TYPE | |
| 1 | 1 | CF-124-1.125 | COIL FORM | |

## TEST DATA

L - .40 (.39-.41) MICROHENRIES IN AIR.
Q - 170 OR GREATER
FREQ. (TEST) - 25 MC
OPER. FREQ. - 16-32 MC




| ISSUE | ITEM | CHANGED FROM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|---|---|---|---|---|---|---|---|
| A | | REDRAWN FR "1" SIZE | 6.14.67 | 18271 | LPW | | FB |

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

| REQ PER UNIT | MODEL | PROJECT NO. | ASS'Y. NO. | DATE |
|---|---|---|---|---|
| 1 | CHG-2,2A | T1105 | | 4-21-61 |

USED ON

| REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|---|---|---|---|---|

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

TRANSFORMER ASS'Y
(15.75 - 33.75 MC)

| DRAWN | CHECKED | FINAL APPROVAL |
|---|---|---|
| John C. Biele | JCB | |

ELEC. DES. APP. | MECH. DES. APP.

TT132 A

FORM 108-A