

| | | | |
|---------------|--------|------------|---------|
| REQ. PER UNIT | MODEL | SYMBOL NO. | DATE |
| 1 | A-1516 | T124 | 3-31-58 |
| 1 | RTF-2 | 1/2 | 12/9/58 |

A 1813

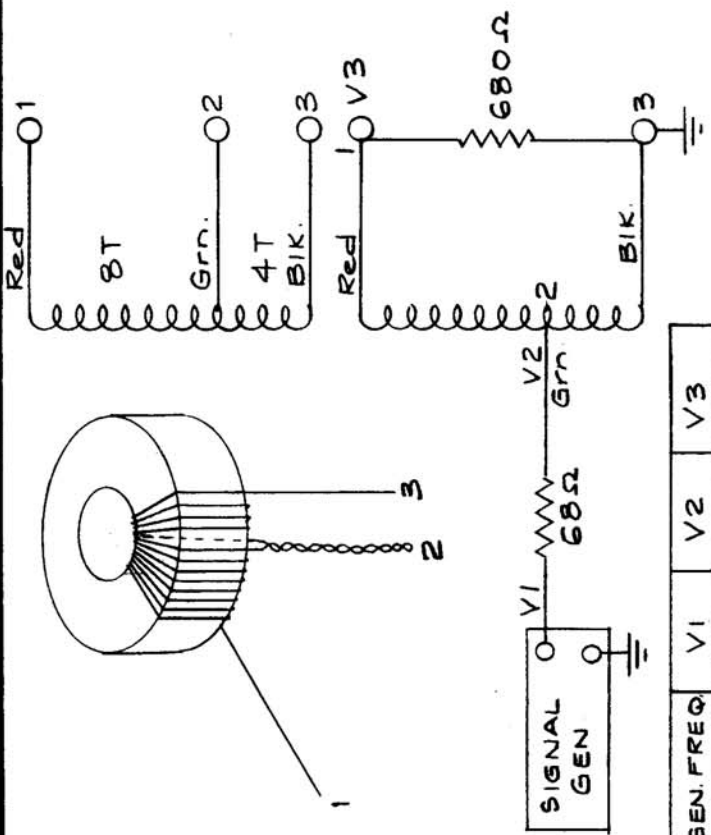
C

PROCEDURE

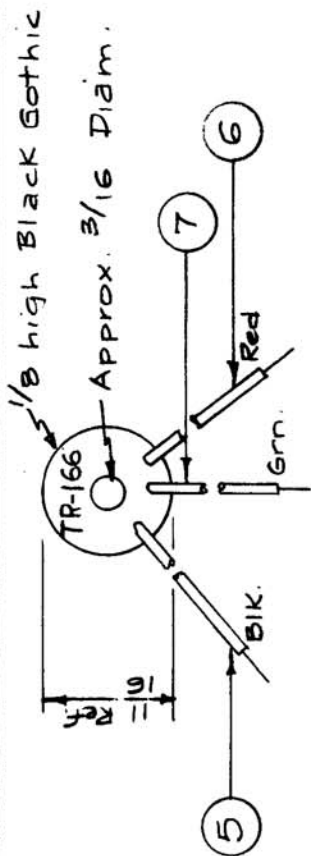
1. Wind as shown. (Eight turns CW, then tap, then four turns CW) Close Wound.
2. Keep leads 2" Long. Strip 5/8".
3. Bake for 1/2 hour at 210° F.
4. Paint winding with GL-104-2 (item 3)
5. Bake for 1 hour at 210° F.
6. Test as shown at left.
7. Place sleeving on leads. Push sleeving up to Core body.
8. Submerge coil in Compound (item 4). Sleeving must protrude from Compound as shown in lower left detail.
9. Test as Shown.
10. Stamp unit as shown.

**NOT TO BE RELEASED
W/O AUTHORIZATION**

AUTH. BY _____



| | | | |
|----------------|------|-----|------|
| SIG. GEN. FREQ | V1 | V2 | V3 |
| 3 MC | 1.0V | .5V | 1.5V |



| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|----------|---------------|-------------------------------|
| 1 1/2" | 7 | PX 104-4-.022 | Insulation, Sleeving #24 Grn. |
| 1 1/2" | 6 | PX 104-3-.022 | Insulation, Sleeving #24 Red |
| 1 1/2" | 5 | PX 104-1-.022 | Insulation, Sleeving #24 BIK. |
| X | 4 | GL 106 | Compound, Plastic |
| X | 3 | GL 104-2 | Insulex, U85 |
| X | 2 | WI 107-11 | Wire, Magnet #30DS |
| 1 | 1 | CI 115 | Core, Toroidal |

| | |
|--|-------------------|
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | TR-166 ASSEMBLY |
| 16 3/31/58 | Checked <i>AM</i> |
| TYPE & TEMPER | HEAT TREAT. SPEC. |
| FINISH & SPEC. NO. | FINAL APPROVAL |
| | A 1813 |

| | | | |
|---|--------------|---------|-----------|
| STEP 2 WAS 1 5/8 LONG IT 5/16 WERE 1 1/8" | 1-23-67 | RME | OKB |
| ON CHART V2 WAS 40V. VENTIV ON TOL. BLOCK V. ±10% AB | 8.11.64 | MB | MB |
| TITLE WAS TR-166 ASSY. | 8/21/61 | J.R.A. | RU |
| STAMPING WAS TF-183 | | | SPM |
| ISSUE ITEM | CHANGED FROM | DATE | CH. NO. |
| | DRAFTS | CHECKER | ENG. APP. |
| TOLERANCES | | | |
| DEC. DIM. ± VOLTAGE ± 10% | | | |
| FRAC. DIM. ± | | | |
| ANGULAR DIM. ± | | | |
| MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. | | | |
| REMOVE ALL BURRS AND SHARP EDGES | | | |