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REQ. PER UNIT

1

MODEL

HFR-1A

USED ON

ABBY. NO. A 3506

DATE

2-25-64

MODEL

HFR-2

USED ON

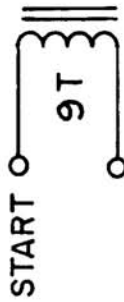
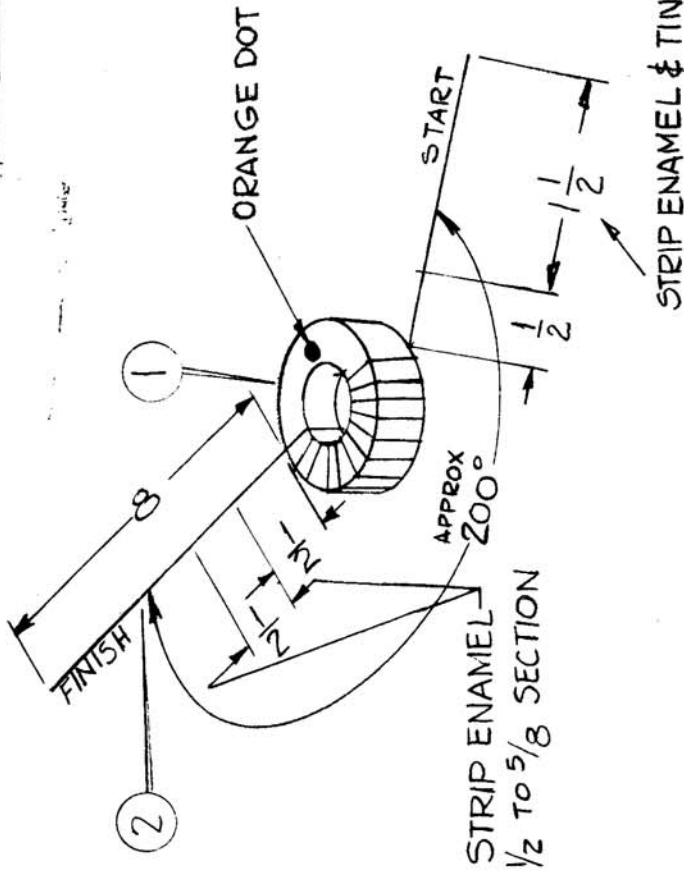
ABBY. NO. A 3506

DATE

2-25-64

SYMBOL

A 3505 C



SCHEMATIC

WINDING PROCEDURE

1. WIND 9 TURNS EVENLY SPACED OVER A 200° ANGLE. WIND TURNS IN THE DIRECTION SHOWN.
2. PUSH TURNS TOGETHER OR SPREAD APART AS NEEDED TO MEET IND. SHOWN IN TEST SPECS.
- 3- BAKE FOR 1/2 HOUR AT 215° F. TO REMOVE MOISTURE.
- 4- COLOR CODE COIL WITH ORANGE ENAMEL DOT.
5. COAT COIL & CORE WITH GL-102 (ITEM 3) AND BAKE FOR 1/2 HOUR @ 215° F.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

TEST SPECIFICATIONS

INDUCTANCE = 0.46 mh ± 0.01 mh
 WITH COIL CLAMPED INTO Q METER.
 1/2" AWAY FROM TERMINALS WITH FINISH END TO LOW SIDE.

Cdist * 0.44 uf (REF ONLY) Q = 185 MIN AT 25 MC
 OPER. FREQ. RANGE = 25.75 - 33.75 MC

SYMBOL USED
 LI052A

| | | | | | |
|--------------------|----------|-------------|--|--|--|
| X | 3 | GL 102 | Q-MAX | | |
| X | 2 | WI 141-22-9 | MAGNET WRE. SINGLE #22 | | |
| 1 | 1 | CI 127-1 | CORE, TOROID | | |
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL | | |
| | | ANGER | | | |
| STOCK SIZE | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| MATERIAL | | | COIL, RF, ASSEMBLY | | |
| TYPE & TEMPER | | | BAND # 8 OSC. | | |
| HEAT TREAT. SPEC. | | | G.D.L. | | |
| FINISH & SPEC. NO. | | | DRAWN CHECKED FINAL APPROVAL | | |
| | | | Bluger ELEC. DES. APP. MECH. DES. APP. | | |
| | | | A 3505 C | | |

| | | | | | | | | |
|--|---|---------|---------|--------|---------|-----------|---------------------|--|
| C | COLOR CODE ADDED | 4-10-67 | 18095 | GDL | | | | |
| B | NOTE ADDED | 1-12-67 | 17575 | RME | G.D.L. | | | |
| A | Q'SPEC. WAS 200 MIN. ORIGINAL RELEASE FOR PRODUCTION. | 9/27/65 | 14729 | AVC | | | | |
| X | EXPERIMENTAL RELEASE | 8/3/64 | | | | | | |
| SYM | DESCRIPTION | 3-26-64 | | | | | | |
| | | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. | SCALE: DO NOT SCALE | |
| UNLESS OTHERWISE SPECIFIED: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REM VE ALL BURRS AND SHARP EDGES | | | | | | | | |
| DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2° | | | | | | | | |