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REQ. PER UNIT: 3

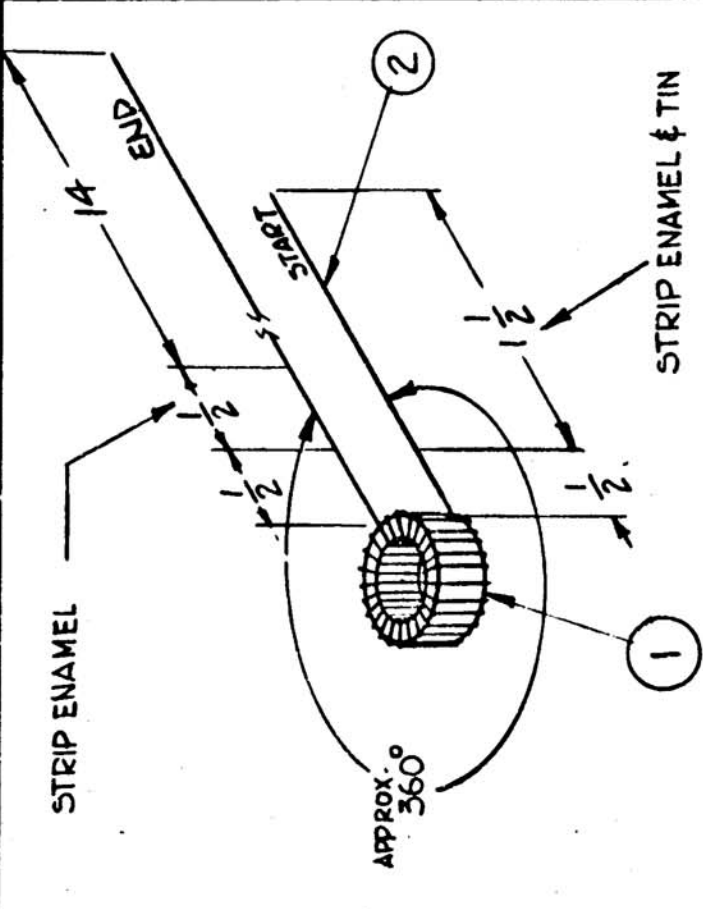
MODEL: HFR-1/1

USED ON: ASSY. NO. 6-9-62

DATE: 6-9-62

A-2478

A



— SYMBOL USED —
L1034A, L1035A, L1036A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRAC. ± 1/64 DEC. ± .009 ANGLES ± 1/2°

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

DATE: 1/26/57

CHK. NO. 17575

SYMBOL: RME G D L

CHECKER: [Signature]

ENG. APP.:

— PROCEDURE —

- 1 - WIND 23 TURNS EVENLY SPACED OVER A 360° ANGLE. WIND TURNS IN THE DIRECTION SHOWN
- 2 - PUSH TURNS TOGETHER OR REMOVE TURN AS NEEDED TO MEET INDUCTANCE SHOWN IN TEST SPECS.
- 3 - BAKE FOR 1/2 HR. AT 215°F. TO REMOVE MOISTURE.
- 4 - COAT COIL & CORE WITH GL-102 Q-MAX AND BAKE FOR 1/2 HR. AT 215°F.

— TEST SPECIFICATIONS —

L = 2.1 μ h ± 0.07 μ h
WITH COIL CLAMPED INTO Q METER 1/2" AWAY FROM TERMINALS WITH FINISH END OF COIL TO LOW SIDE.
Q = 200 MIN @ 10 MC
OPER FREQ. RANGE 8 - 12 MC.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--|-----------|-------------------------|----------------|
| X 3 | GL-102 | Q - MAX | |
| X 2 | WI-122-24 | MAGNET WIRE, SINGLE #24 | |
| 1 | CI-127-1 | CORE, TOROID | |
| THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK | | | |
| COIL, RF, ASSY. BAND #5 | | | |
| 2, 3, 4 RF | | | |
| MATERIAL | | | |
| W | W | [Signature] | BP |
| TYPE & TEMPER HEAT TREAT. SPEC. | | DRAWN | CHECKED |
| FINISH & SPEC. NO. | | V. HIGER | |
| | | | FINAL APPROVAL |
| | | | A-2478 |
| | | | A |