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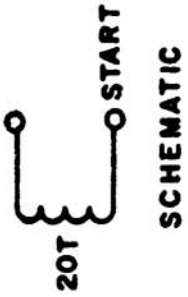
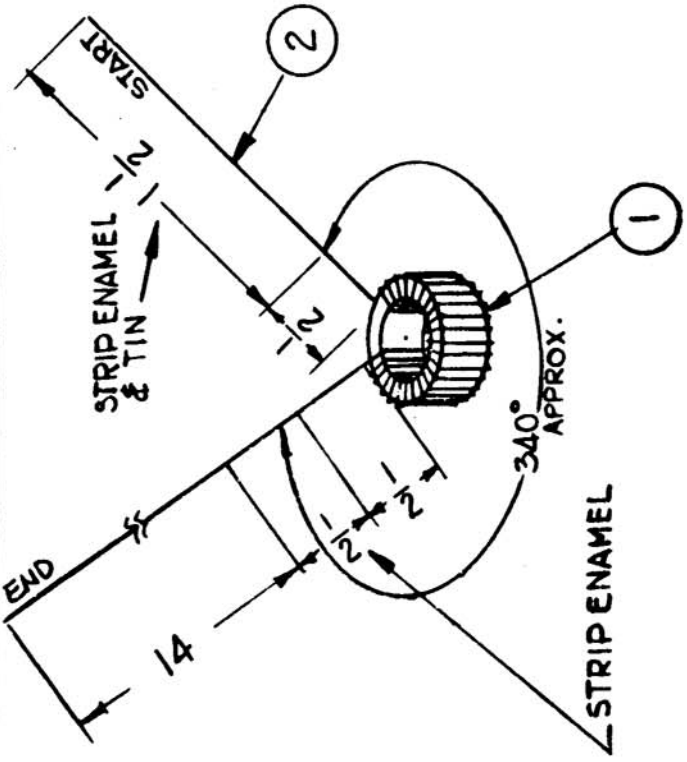
REQ. PER UNIT
3

MODEL
HFR-1/T

USED ON
ABBY. NO.

DATE
6-9-62

A-2477
A



— PROCEDURE —

- 1- WIND 20 TURNS EVENLY SPACED OVER A 340 ANGLE. WIND TURNS IN THE DIRECTION SHOWN.
- 2- PUSH TURNS TOGETHER OR SPREAD APART 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 —

$L = 1.74h \pm 0.05 \mu h$
 WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS WITH FINISH OF COIL TO LOW SIDE

$Q \approx 180 \text{ MIN. AT } 7 \text{ MC.}$
 OPER FREQ. RANGE: 6 - 8 MC.

— SYMBOL USED —

L1029A, L1030A, L1031A

* 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	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		COIL, RF ASSY BAND #4	
TYPE 3 TEMPER. HEAT TREAT. SPEC.		2, 3, 4 RF	
FINISH & SPEC. NO.		G.D.L. <i>Ande</i>	BP
DRAWN		CHECKED	FINAL APPROVAL
ELEC. DES. APP. MECH. DLS. APP.		<i>LANGER</i>	A-2477

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

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS .ARE IN INCHES
 TOLERANCES ON
 FRAC $\pm 1/64$ DEC. $\pm .008$ ANGLES $\pm 1/2^\circ$

DATE: 1-12-67
 CH. NO. 17575
 DRAFTS RME
 CHECKER G.D.L.
 ENG. APP. *AM*