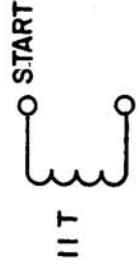
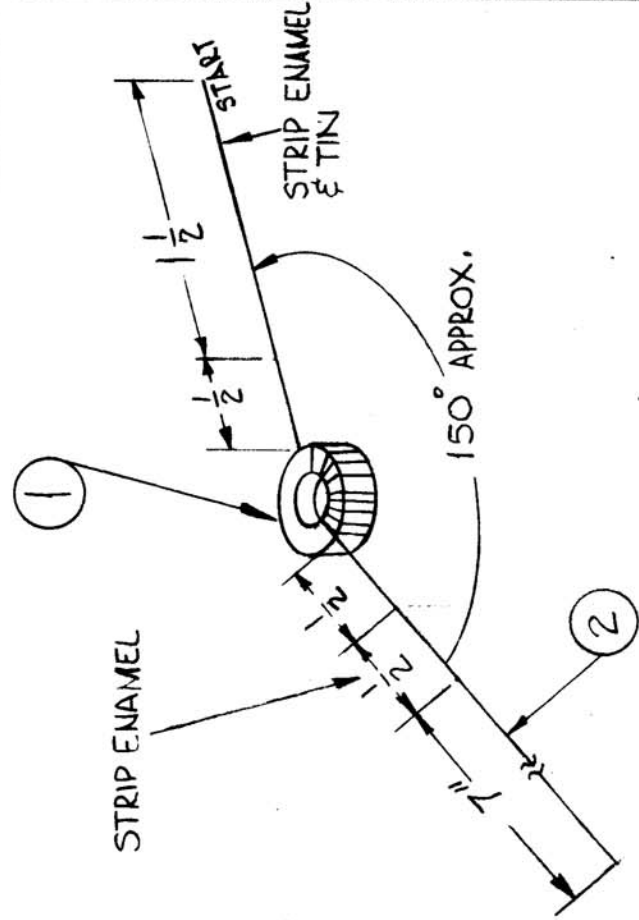


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REQ. PER UNIT	3	MODEL	HFR-1A	USED ON	A 3549
	3	ASSY. NO.	A 3551	DATE	3-16-64
			HFR-2		3-16-64



SCHMATIC

SYMBOLS USED
L1039A, L1040A
L1041A

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.D.L.	<i>[Signature]</i>
X	ORIGINAL RELEASE FOR PRODUCTION	3-30-64		<i>[Signature]</i>		
X	EXPERIMENTAL RELEASE	3-30-64		<i>[Signature]</i>		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°
SCALE: DO NOT SCALE
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

PROCEDURE

- 1- WIND 11 TURNS EVENLY SPACED OVER A 150° ANGLE. WIND TURNS IN THE DIRECTION SHOWN
 - 2- PUSH TURNS TOGETHER OR SPREAD APART AS NEEDED TO MEET INDUCTANCE SHOWN IN TEST SPECIFICATIONS
 - 3- BAKE FOR 1/2 HOUR AT 215° F TO REMOVE MOISTURE.
 - 4- COAT COIL & CORE WITH GL-102 Q-MAX AND BAKE FOR 1/2 HOUR AT 215° F
- * NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

TEST SPECIFICATIONS

L = 0.72 μh ± 0.02 μh
WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS WITH FINISH END OF COIL TO LOW SIDE
Q = 190 MIN. AT 14 MC
C dist. = 0.5 μuf (FOR REF. ONLY)
OPER. FREQ RANGE 12-16 MC.

X 3	GL 102	Q-MAX			
X 2	WI 141-24-9	MAGNET WIRE SINGLE #24			
1 1	CI 127-1	CORE, TOROID			

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		COIL, RF ASSEMBLY	
		BAND G. 2, 3, 4 R.F	
		G.D.L.	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		<i>[Signature]</i>	
FINISH & SPEC. NO.		MECH. DES. APP.	FINAL APPROVAL
			A 3549 A