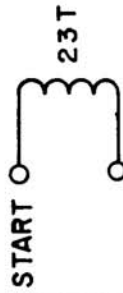
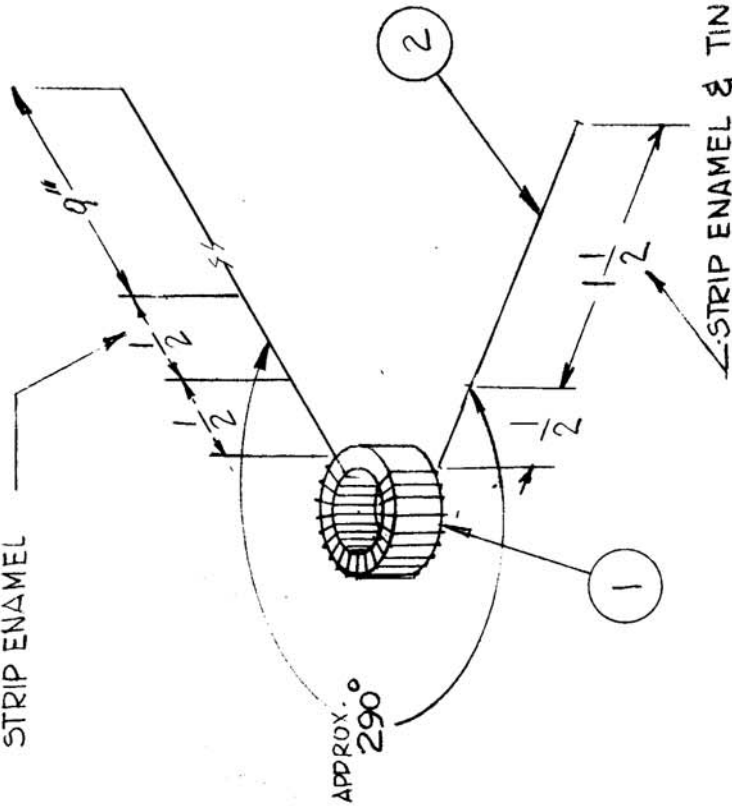


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STRIP ENAMEL



SCHEMATIC

-SYMBOL USED -  
L 1034A, L1035A L1036A

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.D.L.	
X	ORIGINAL RELEASE FOR PRODUCTION	8-13-66				
X	EXPERIMENTAL RELEASE					

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES ON

FRAC.  $\pm 1/64$  DEC.  $\pm .005$  ANGLES  $\pm 1/20^\circ$

SCALE: DO NOT SCALE

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

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
3	HFR-1A	A 3538	3-12-64
3	HFR-2	A 3538	3-12-64

— PROCEDURE —

- 1 - WIND 23 TURNS EVENLY SPACED OVER A  $290^\circ$  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  $215^\circ\text{F}$ . TO REMOVE MOISTURE.
- 4 - COAT COIL & CORE WITH GL-102 Q-MAX AND BAKE FOR 1/2 HR. AT  $215^\circ\text{F}$ .

\* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.  
— TEST SPECIFICATIONS —

$L = 2.18 \mu\text{h} \pm 0.06 \mu\text{h}$   
WITH COIL CLAMPED INTO Q METER 1/2" AWAY FROM TERMINALS WITH FINISH END OF COIL TO LOW SIDE.  
 $Q = 220 \text{ MIN} @ 10 \text{ MC}$   
Cdist. = 0.6  $\mu\text{uf}$  (FOR REF. ONLY)  
OPER. FREQ. RANGE 8-12 MC

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

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		COIL, RF, ASSY.	
		BAND #5-2,3,4 RF.	
		G.D.L.	
TYPE & TEMPER	HEAT TREAT. SPEC.	CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
			A 3537 A

A 3537 A