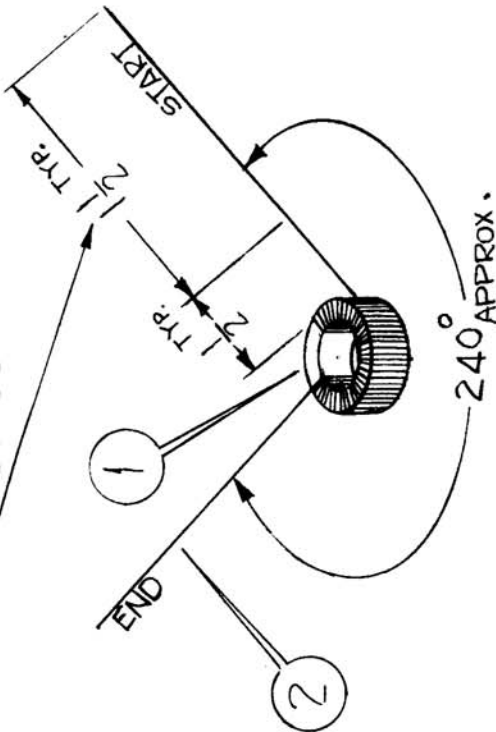


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STRIP ENAMEL & TIN BOTH LEADS



SCHEMATIC

REQ. PART UNIT	USED ON	MODEL	ASSY. NO.	DATE
1	HFR-1A	A 3500	A 3500	2-25-64
1	HFR-2	A 3500		

A 3499 A

PROCEDURE

- 1- WIND 18 TURNS EVENLY SPACED OVER A 240° ANGLE, WIND TURNS IN THE DIRECTION SHOWN.
2. PUSH TURNS TOGETHER OR SPREAD APART AS NEEDED TO MEET INDUCTANCE SHOWN IN TEST SPEC.
3. BAKE FOR 1/2 HOUR AT 215°F TO REMOVE MOISTURE.
4. COAT COIL & CORE W/GL-102 (ITEM 3) AND BAKE FOR 1/2 HR. AT 215°F.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

TEST SPECIFICATIONS

L = 1.44 μ h \pm 0.1 μ h

Q = 210 MIN @ 11.75 MC

Cdist = 0.4 μ f (REF ONLY)

SYMBOL USED

L1037

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.	ANGER	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			CL 334 ASSY	
			(COIL, RF, TOROID, BAND*5,05C.)	
			G.D.L	
			CHECKED	
			DRAWN	
			HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	
			ELEC. DES. APP.	
			MECH. DES. APP.	
			FINAL APPROVAL	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-2-67	17575	RME	G.D.L	
X	ORIGINAL RELEASE FOR PRODUCTION	8-13-64				
X	EXPERIMENTAL RELEASE	3-26-64				
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. \pm 1/64 DEC. \pm .005 ANGLES \pm 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						

A 3499 A