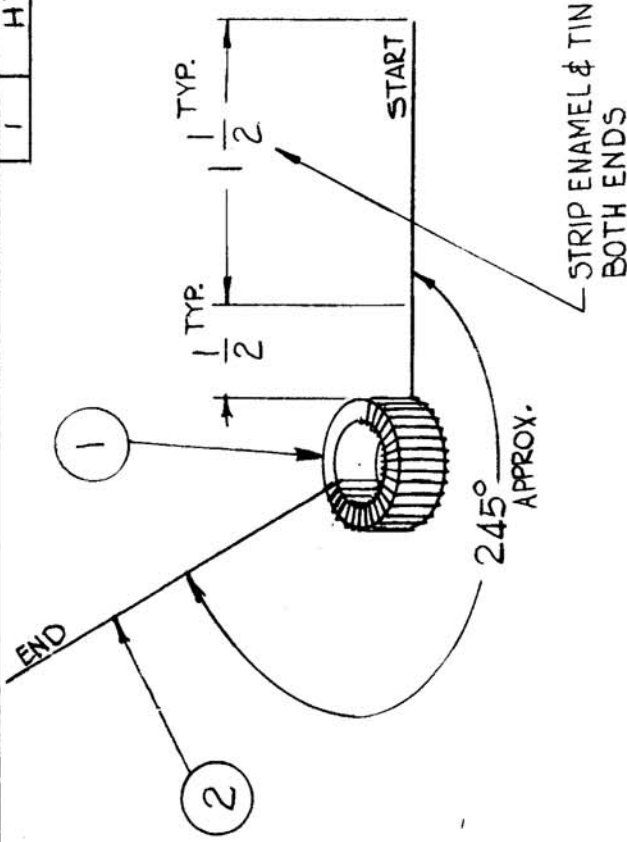


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SCHEMATIC

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	GDL	
X	ORIGINAL RELEASE FOR PRODUCTION	8-13-64				
X	EXPERIMENTAL RELEASE	3/26/64				

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

REQ. PER UNIT	1
MODEL	HFR-1A
ASSY. NO.	A 3498
DATE	2-24-64
MODEL	HFR-2
ASSY. NO.	A 3498

— PROCEDURE —

- 1 - WIND 16 TURNS EVENLY SPACED OVER A 245° 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.

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

— TEST SPECIFICATIONS —  
 $C_{dist} = 0.3 \mu w f$  (REF ONLY)  
 $L = 1.13 \mu h \pm 0.1$   
 $Q = 185$  MIN AT 8.75 MC.

— SYMBOL USED —  
 L1032

X	3	GL 102	Q - MAX	ANGER	DESCRIPTION	SYMBOL
X	2	WI 141-24-9	MAGNET WIRE, SINGLE #24			
1	1	CI 127-1	CORE, TOROID			
				THE TECHNICAL MATERIEL CORP.		
				MAMARONECK, NEW YORK		
				CL 333 ASSY.		
				COIL, RF, TOROID BAND #4 OSC		
				G.D.L.		
				DRAWN	CHECKED	FINAL APPROVAL
				FINISH & SPEC. NO.		
				ELEC. DES. APP.	MECH. DES. APP.	
				A 3497		A

A 3497 A