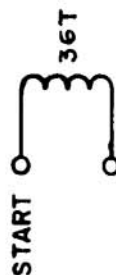
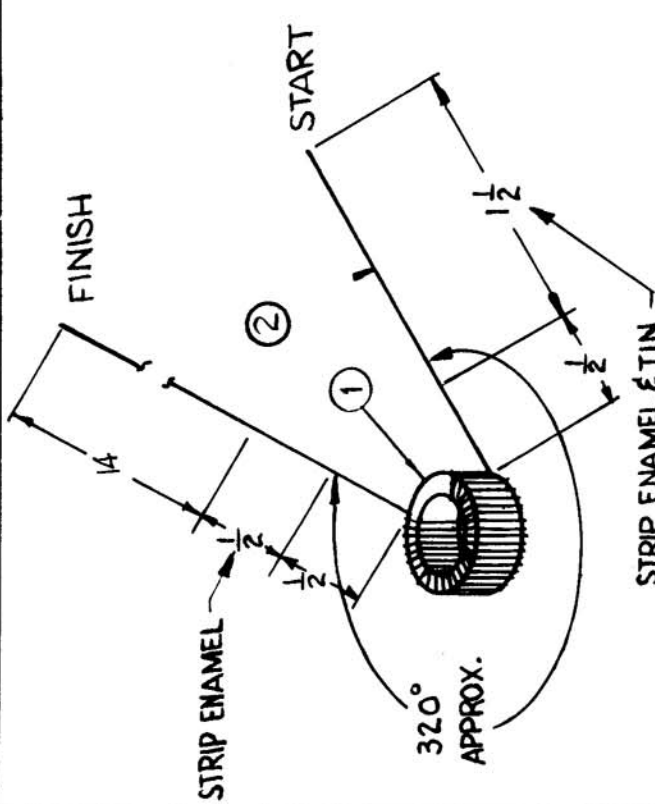


THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		REQ. PER UNIT	MODEL	USED ON
		3	HFR-17T	ASSY. NO. DATE
				6-9-62 A-2476 B



SCHEMATIC

### PROCEDURE

- 1- APPROX. 36 TURNS CLOSE WOUND IN THE DIRECTION SHOWN.
- 2- REMOVE OR ADD TURNS TO MEET INDUCTANCE SHOWN IN TEST SPECS.
- 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.

### TEST SPECIFICATIONS

\* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.  
 INDUCTANCE = 4.85  $\pm$  0.11 WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS WITH FINISH END OF COIL TO LOW SIDE.  
 Q = 215 MIN. AT 5MC    C-dist = 1.3  $\mu$ hf (REF ONLY).  
 OPER. FREQ. RANGE = 4-6 GMC.

SYMBOL USED  
 L1024A, L1025A, L1026A

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	3	GL-102	Q-MAX	
X	2	WI-122-24	MAGNET WIRE, SINGLE #24	
1	1	CI-127-1	CORE, TOROID	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
COIL, RF, ASSY BAND #3 2, 3, 4 RF				
DRAWN		CHECKED		FINAL APPROVAL
R. Twiss		Jude		RF
J. Anger		J. Anger		A-2476 B
ELEC. DES. APP.		MECH. DES. APP.		

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

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

DATE: 1-12-67  
 CH. NO.: 17575  
 DRAFTS: RME GDL  
 CHECKER: DM  
 ENG. APP.: Y. F.