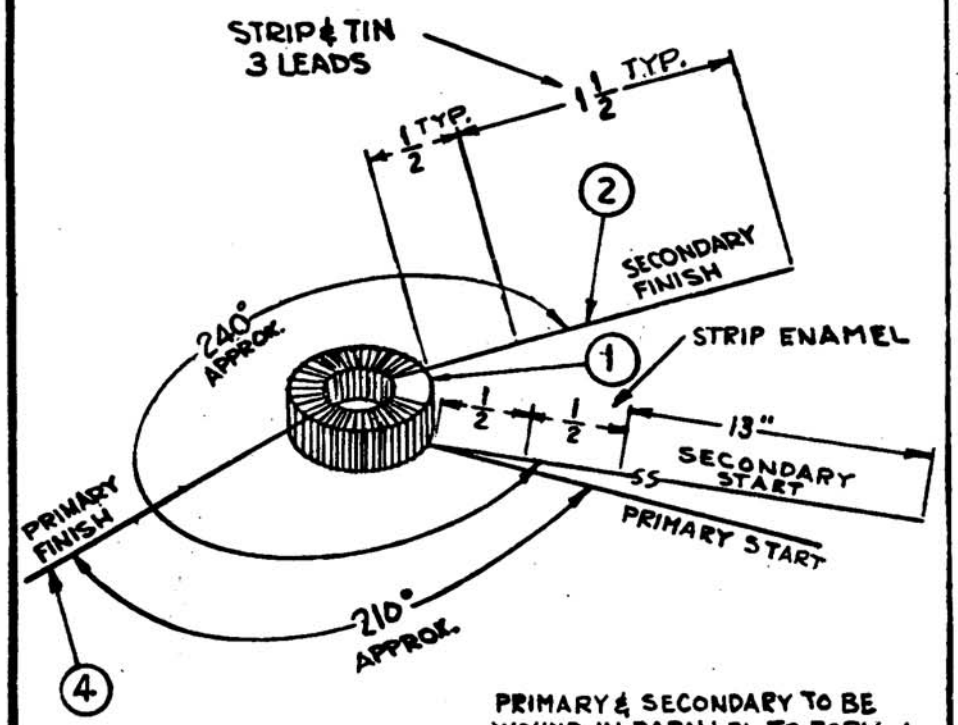
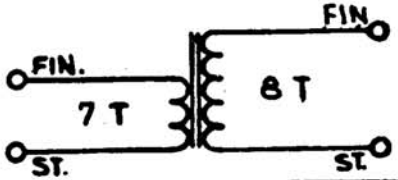
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PR PERTY OF THE TECHNICAL MATERIEL C RP. ITS UNAUTH RIZED USE OR REPRODUCTION IN WHOLE R IN PART IS STRICTLY F RBIDDEN.

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	A-2531	B
1	HFR 1/T	A-2378	8-22-62		



PRIMARY & SECONDARY TO BE WOUND IN PARALLEL TO FORM A SINGLE LAYER.

SCHEMATIC
T1009



WINDING PROCEDURE

1. WIND SECONDARY APPROX. 8 TURNS EQUALLY SPACED OVER THE ANGLE & IN THE DIRECTION SHOWN.
2. REMOVE OR ADD TURNS TO MEET INDUCTANCE.
3. STAKE LEADS SECURELY WITH Q-MAX.
4. WIND PRIMARY 7 TURNS EQUALLY SPACED OVER THE ANGLE & IN THE DIRECTION SHOWN.
5. STAKE LEADS SECURELY WITH Q-MAX.
6. BAKE FOR 1/2 HR. AT 215° F TO REMOVE MOISTURE.
7. COAT COIL & CORE WITH Q-MAX & BAKE 1/2 HR. AT 215° F.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

ELECTRICAL SPECS

SECONDARY L = 0.398 µh ± 0.012 µh.
WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS, WITH START END OF COIL TO LOW SIDE.

Q- 125 AT 25 MC.
C DISTRIB. 1.0 µµf (FOR REF. ONLY)

PRIMARY L = 0.385 µh (FOR REF. ONLY.)
C DISTRIB = 1.3 µµf (FOR REF. ONLY)

	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	4		WI-122-24	MAGNET WIRE, SINGLE #24	
X	3		GL-102	Q-MAX	
X	2		WI-122-20	MAGNET WIRE, SINGLE #20	
1	1		CI 127-1	CORE, TOROID	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	NOTE ADDED	1-12-67	17575	RME	G.D.L	
A	C. DISTRIB ADDED TO PRI. & SEC.	11-12	7651			

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

STOCK SIZE: W
MATERIAL: W
TYPE & TEMPER: W | HEAT TREAT. SPEC.: W
FINISH & SPEC. NO.: W

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TZ-115 ASSEMBLY
TRANS. ANT. BAND #8 FREQ 24-32 MC.

DRAWN	CHECKED	FINAL APPROVAL
G. Lencan		BP
J. ANGER		A-2531 B

ELEC. DES. APP. | MECH. DES. APP.

TMC FORM NO. 100-A