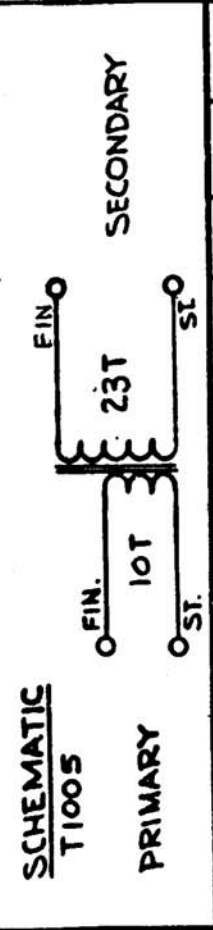
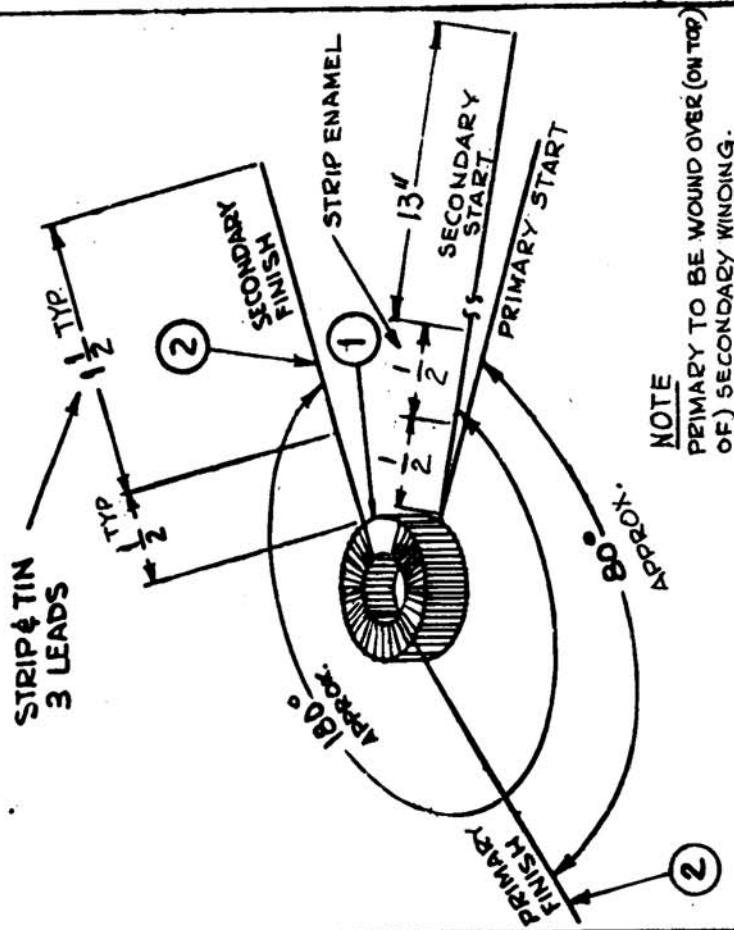


REQ. PER UNIT: 1
 MODEL: HFR 1/T
 ASBY. NO.: A-2374
 DATE: 8-22-62
 USED ON: A-2527 B

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- WINDING PROCEDURE —
1. WIND SECONDARY APPROX. 23 TURNS EQUALLY SPACED OVER THE ANGLE ϕ IN THE DIRECTION SHOWN.
 2. REMOVE OR ADD TURNS TO MEET INDUCTANCE.
 3. STAKE LEADS SECURELY WITH Q-MAX
 4. WIND PRIMARY 10 TURNS EQUALLY SPACED OVER THE ANGLE ϕ 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 $L = 2.68 \mu h \pm 0.1 \mu h$.
 WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS WITH START END OF COIL TO LOW SIDE

$Q = 160$ AT 7.9 MC.
 C DISTRIB. 1.4 μMf (FOR REF. ONLY)

PRIMARY
 $L = 0.96 \mu h$ (FOR REF. ONLY)
 C DISTRIB = 2.9 μMf (FOR REF. ONLY)

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	GL 102	G-MAX	
X 2	WJ-122-24	MAGNET WIRE, SINGLE # 24	
1	CI 127-1	CORE, TOROID	
STOCK SIZE		AA	
MATERIAL		AA	
TYPE & TEMPER		AA	
HEAT TREAT. SPEC.		AA	
FINISH & SPEC. NO.		AA	

THE TECHNICAL MATERIEL CORP.
 MAMARONECK NEW YORK

TZ-III ASSEMBLY

TRANSFORMER, ANTENNA BAND 4, FREQ. 6-8 MC

Checked: J. S. J. (Signature)
 Drawn: J. ANGER
 Final Approval: B.P. (Signature)

A-2527 B

BY	DATE	CAL. NO.	DRAFTS	ENGINEER	ENG. APP.
B	1-12-67	17575	RME	G.P.L.	
A	1-12-62	7651			

SCALE: DO NOT SCALE

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON
 FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$

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