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REQ. PER UNIT
1

M DEL
HFR 1/T

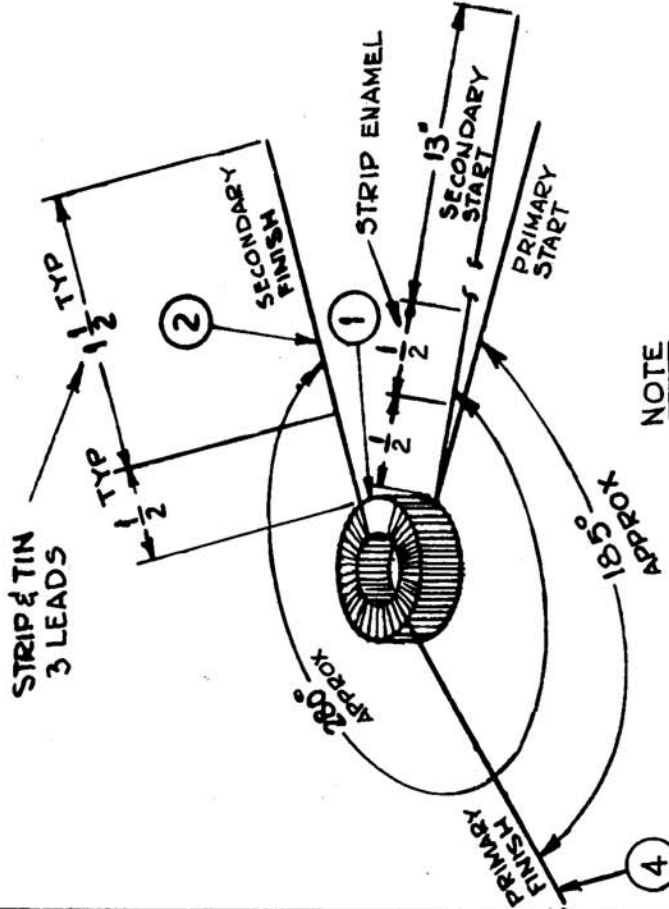
USED ON
ABST. N.
A-2377

DATE
8-23-62

A-2530

B

- WINDING PROCEDURE —
1. WIND SECONDARY APPROX. 16 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-MAY.
 4. WIND PRIMARY 8 TURNS EQUALLY SPACED OVER THE ANGLE ϕ IN THE DIRECTION SHOWN.
 5. STAKE LEADS SECURELY WITH Q-MAY.
 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 = 1.3 μ h \pm 0.03 μ h
- WITH COIL CLAMPED INTO Q-METER 1/2' AWAY FROM TERMINALS, WITH START END OF COIL TO LOW SIDE
- Q = 140 AT 25 MC.
- C DISTRIB. 1.0 μ M.F. (FOR REF. ONLY)
- PRIMARY L = 0.55 μ h (FOR REF. ONLY)
- C DISTRIB. 2.8 μ M.F. (FOR REF. ONLY)



SCHEMATIC

T1008

PRIMARY

8T

FIN. ST

16T

SECONDARY

FIN. ST

NOTE

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

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKED	ENG. APP.
B	NOTE ADDED	1-12-67	17575	RME	G.DU	MA
A	C. DISTRIB ADDED TO SEC & PRI.	11-12-62	7651	GH	HA	HA

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. \pm 1/64 DEC. \pm .008 ANGLES \pm 1/8°

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. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 4	WI-122-24	MAGNET WIRE, SINGLE #24	
X 3	GL 102	Q-MAX	
X 2	WI-122-22	MAGNET WIRE, SINGLE #22	
1	CI 127-1	CORE, TOROID	

THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK

TZ-114 ASSEMBLY

TRANSFORMER, ANTENNA BAND 7, FREQ. 16-24 MC

SWR: 1.100
DRAWN: J. ANGER
CHECKED: J. ANGER
FINAL APPROVAL: BP

FINISH & SPEC. NO. A-2530