



NOTE:  
PRIMARY TO BE WOUND OVER  
(ON TOP OF) SECONDARY WINDING

- WINDING PROCEDURE —
1. WIND SECONDARY APPROX. 37 TURNS EQUALLY SPACED OVER THE ANGLE  $\phi$  IN THE DIRECTION SHOWN.
  2. REMOVE OR ADD TURNS TO MEET INDUCTANCE.
  3. STAKE LEADS SECURELY WITH G-MAX.
  4. WIND PRIMARY 15 TURNS EQUALLY SPACED OVER THE ANGLE  $\phi$  IN THE DIRECTION SHOWN
  5. STAKE LEADS SECURELY WITH G-MAX.
  6. BAKE FOR 1/2 HR. AT 215° F TO REMOVE MOISTURE.
  7. COAT COIL & CORE WITH G-MAX & BAKE 1/2 HR. AT 215° F.
- \* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.  
ELECTRICAL SPECS —

SECONDARY L = 5.7  $\mu$ h  $\pm$  0.13  $\mu$ h.  
WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS,  
WITH START END OF COIL TO LOW SIDE.  
Q = 175 AT 7.9 MC.  
C DISTRIB. 3  $\mu$ mf (FOR REF. ONLY)  
PRIMARY L = 1.42  $\mu$ h (FOR REF. ONLY)  
C DISTRIB. 5  $\mu$ mf (FOR REF. ONLY)

X 3	GL 102	Q-MAX	SYMBOL
X 2	WI-122-24	MAGNET WIRE, SINGLE # 24	
1	CI 127-1	CORE, TOROID	
REQ. ITEM	PART NO.	DESCRIPTION	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	
		TZ-110 ASSEMBLY	
		TRANSFORMER, ANTENNA BAND 3, FREQ. 4-6 MC	
		MATERIAL	
		FIN. DES. APP.	
		CHECKED	
		DRAWN	
		MECH. DES. APP.	
		FINISH & SPEC. NO.	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINAL APPROVAL	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.P.L.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. $\pm$ 1/64 DEC. $\pm$ .008 ANGLES $\pm$ 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						