



REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD

WINDING PROCEDURE

1. WIND 43 TURNS OF ITEM 2 ON ITEM 1, EQUALLY SPACED OVER THE ANGLE SHOWN. TAP AT 15 TURNS (90°).
2. REMOVE OR ADD TURNS TO MEET INDUCTANCE.
3. STAKE LEADS SECURELY WITH ITEM 3 (Q-MAX).
4. BAKE FOR 1/2 HOUR AT 215° F. TO REMOVE MOISTURE.
5. COAT COIL AND CORE WITH ITEM 3 AND BAKE 1/2 HOUR AT 215° F.
6. TEST AS NOTED IN ELECTRICAL SPECIFICATIONS.
7. ADD ITEMS 4, 5, AND 6, AS SHOWN.

ELECTRICAL SPECIFICATIONS

CLAMP COIL INTO Q-METER 1/2 INCH AWAY FROM START AND FINISH LEADS WITH START LEAD TO LOW SIDE OF Q-METER.

INDUCTANCE:
 START-FINISH: $8 \pm .20$ uhy
 START-TAP: $2.05 \pm .2$ uhy (7.9mc)
 MINIMUM Q = 160 AT 7.9 MC (START-FINISH)

C DISTRIBUTED = 1.6 pf

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	BS-100	SOLDER, SOFT	
1 1/2"	6	PX-104-4-.034	INSULATION, SLEEVING	GREEN
1 1/2"	5	PX-104-1-.022	INSULATION, SLEEVING	BLACK
1 1/2"	4	PX-104-6-.022	INSULATION, SLEEVING	BLUE
X	3	GL-102	Q-MAX	
X	2	WI-122-28	MAGNET WIRE, SINGLE, #28	
1	1	CI-127-1	CORE, TOROID	

KOHN LIST OF MATERIAL			
MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH	TITLE TZ-117 ASSEMBLY (TRANSFORMER, R.F., IPA, 2-4 MC)		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN G.D.L	DATE 5-16-63	FINAL APPROVAL BP
	CHECKED HDe	DATE 5-28-63	
	ELECT. DES. RKOHN	DATE 5/29/63	A-3155
	MECH. DES.	DATE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	SHEET
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.			REV. LTR.