

**SCHEMATIC**

**WINDING PROCEDURE**

1. WIND 5 TURNS OF ITEM 2 ON ITEM 1, EQUALLY SPACED OVER THE ANGLE SHOWN. TAP AT 2 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.

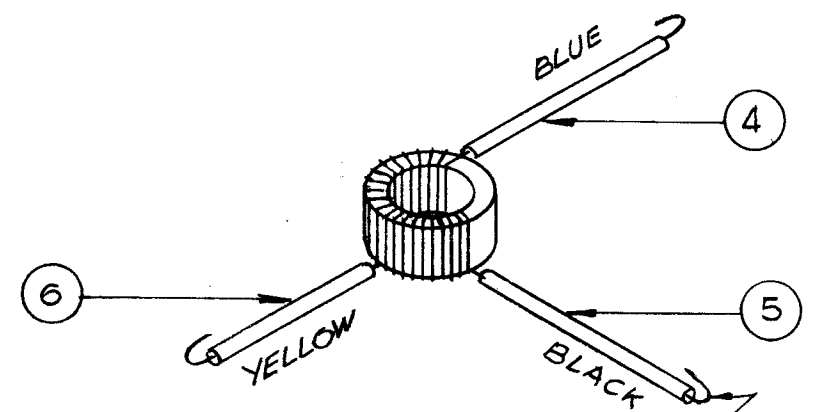
**REVISIONS**

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A	3/4" IT. (6) SYM. WAS GREEN; SCHEM: 5T WAS 8T; 2T WAS 3T; WINDING PROCEDURE; #1, 5 TURNS WAS 8 TURNS; TAP AT 2 WAS TAP AT 3; ELEC. SPECS: START-FINISH, .27 WAS .34; START-TAP, .10 WAS .11	2-12-65	13300	2A	<i>[Signature]</i>	<i>[Signature]</i>

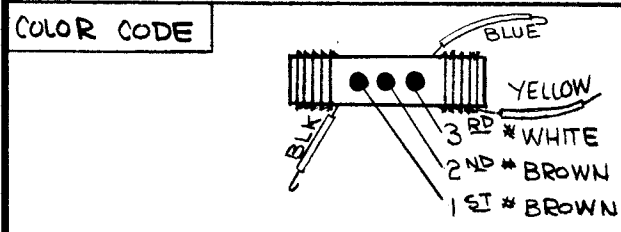
A-3157

**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: .27 ± .05 uhy  
 START - TAP: .10 ± .05 uhy (25mc)  
 MINIMUM Q = 170 AT 25 MC (START -FINISH)  
 C DISTRIBUTED = .8 pf



BEND BACK EXPOSED END OF LEAD TO HOLD SLEEVING ON.



**NOTES**

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	BS-100	SOLDER, SOFT	
	1 1/2"	6	PX-104-4-.042	YELLOW
	1 1/2"	5	PX-104-1-.034	BLACK
	1 1/2"	4	PX-104-6-.034	BLUE
X	3	GL-102	Q-MAX	
X	2	WI-122-20	MAGNET WIRE, SINGLE, #20	
1	1	CI-127-1	CORE, TOROID	

KOHN LIST OF MATERIAL				
MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	TITLE TZ-119 ASSEMBLY (TRANSFORMER, R.F., IPA, 16-32 MC)			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN G.D.L	DATE 5-17-63	FINAL APPROVAL <i>[Signature]</i>	DATE
	CHECKED <i>[Signature]</i>	DATE 5-23-63		
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	ELECT. DES. R.KOHN	DATE 5/29/63
			MECH. DES.	DATE
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.			SHEET	REV. LTR. A