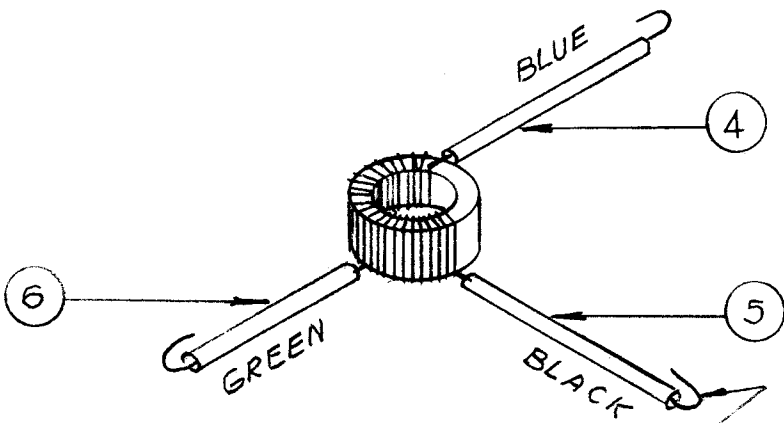
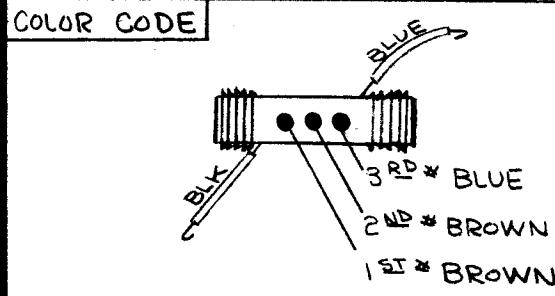


TAP AT 90°

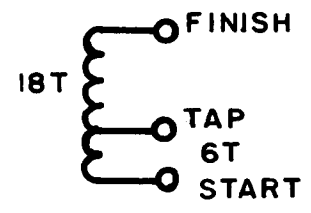


BEND BACK EXPOSED END OF LEAD TO HOLD SLEEVING ON.



**NOTES**

NOTE:  
COLORS DENOTE "TZ" NUMBER IN RETMA COLOR CODE.



**SCHEMATIC**

A-3154

**REVISIONS**

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
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**WINDING PROCEDURE**

1. WIND 18 TURNS OF ITEM 2 ON ITEM 1, EQUALLY SPACED OVER THE ANGLE SHOWN. TAP AT 6 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: 1.46 ± .05 uhy  
 START-TAP: .33 ± .05 uhy (25mc)  
 MINIMUM Q = 175 AT 7.9 MC (TOTAL)  
 C DISTRIBUTED = .8 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-.034	INSULATION, SLEEVING	BLACK
1 1/2"	4	PX-104-6-.034	INSULATION, SLEEVING	BLUE
X	3	GL-102	Q-MAX	
X	2	WI-122-25	MAGNET WIRE, SINGLE, #25	
1	1	CI-127-1	CORE, TOROID	

KOHN LIST OF MATERIAL			
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TZ-116 ASSEMBLY (TRANSFORMER, R.F., IPA, 8-16 MC)	
DRAWN G.D.L.	DATE 5-17-63	FINAL APPROVAL BP	
CHECKED H.W.	DATE 5-28-63		
ELECT. DES. R.KOHN	DATE 5/29/63	A-3154	
MECH. DES. W.JORDAN	DATE 5/29/63	SHEET	REV. LTR.

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
1	TTR-10	AX-411
SCALE NONE	CODE A	
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