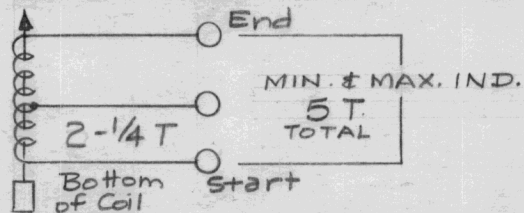


PROCEDURE

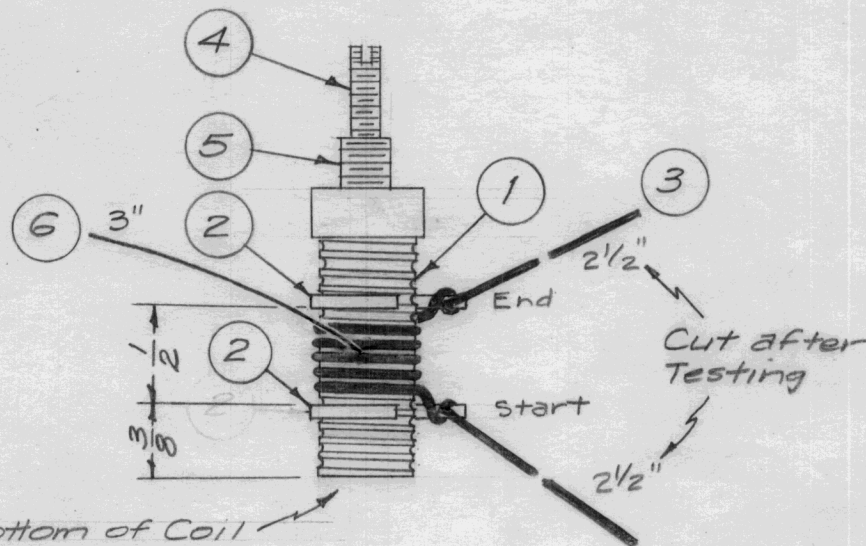
1. Secure Terminals (item 2) and bushing (item 5) to coil form (item 1) with insulex (item 7). Do not allow insulex to form on terminal tips.
2. Bake for 2 hours at 250° F.
3. Wind 5 turns of wire (item 3) on coil form starting from bottom in a CCW direction.
4. Twist and solder wire ends to terminals as shown, leaving 2-1/2" of wire extending from terminals for testing purposes. (Cut these leads after testing flush with term.)
5. Solder tap wire (item 6) to coil at 2-1/4 turns from bottom. (3" Long)
6. Coat Winding with Insulex (item 7).
7. Bake unit for 2 hours at 250° F.
8. Test unit as per below. (Use Boonton Q Meter Model 160A or Equiv.)
9. Cut leads indicated after testing.

TEST DATA (with Core)

Inductance - MIN. must be less than .36 μ hy
 MAX. must be more than .48 μ hy
 Min. & Max. "L" accomplished by adjusting core.
Test Freq. - 25 Mc.
Q at 25 Mc - Greater than 130.



REQ. PER UNIT	USED ON			TF-185	B
	MODEL	ASS'Y. NO.	DATE		
1	RFA-1	T207	6-22-58		



X	8	BS-100	Solder, Soft	
X	7	GL-104-2	Insulex, U-85	
3"	6	WL-100-6	Wire, BUSS #20	
1	5	SM-142	Bushing, Coil Form	
1	4	CI-109-19	Core, Tuning	
X	3	WL-100-4	Wire, BUSS #16	
2	2	TE-153-3	Terminal, Ring Type	
1	1	CF-124-1.43	Coil Form, Threaded	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	In Schematic, 2-1/4 T WAS 3 1/4 T (Error)	6/26/58	399	16	JOP	
A	1	ITEM 4 WAS CI-109-8	5/24/58	1	16	OUT AJT	

TOLERANCES		SCALE:
DEC. DIM. ±	A	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
FRAC. DIM. ±		
ANGULAR DIM. ±		

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK			
STOCK SIZE			
TRANSFORMER, RF, TUNED, 16-32 Mc. (T207)			
MATERIAL			
		16 5/22/58	A.J.J.
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
			CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			TF-185 B