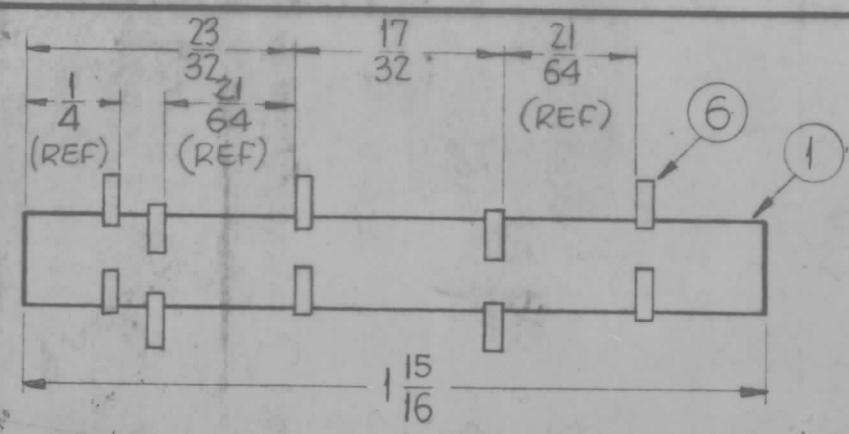
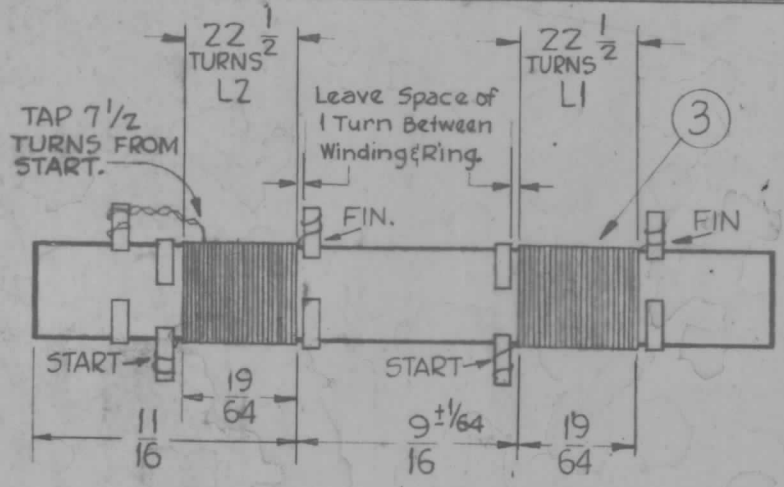


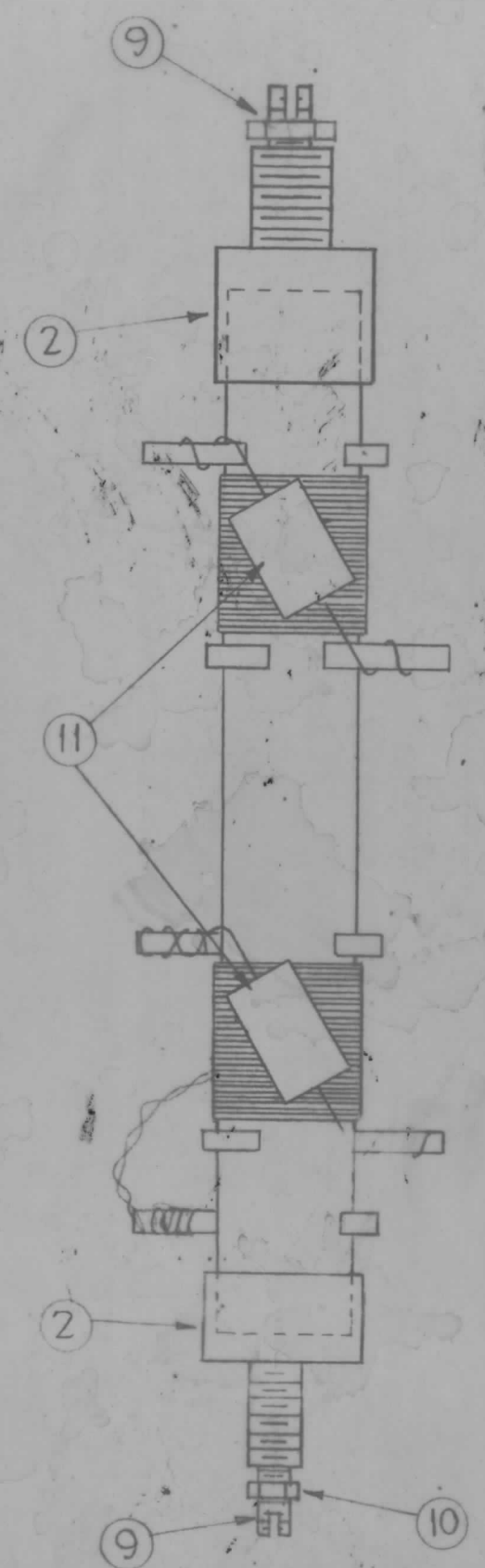
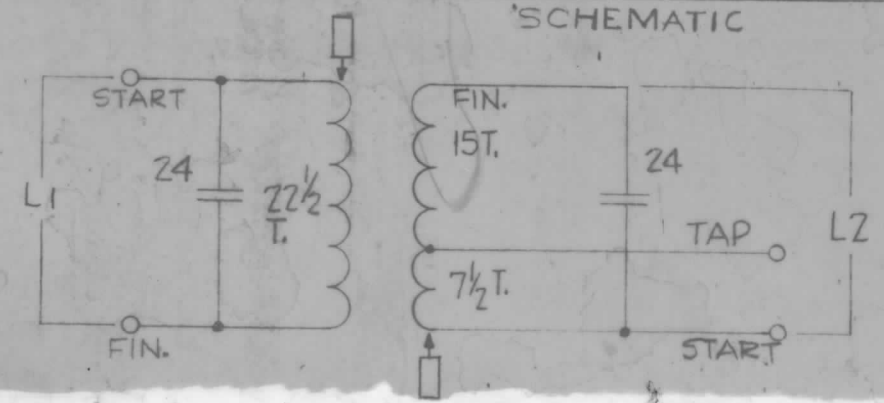
TT128 C



(1) LAYOUT FOR TERMINAL RINGS.



(2) WINDING DIMENSIONS.



(3) FINAL ASSEMBLY

WINDING DATA

1. Assemble ring terminals on form as shown and stake with GL-104-2.
2. Wind L1, 22 1/2 Turns.
3. Wind L2, 22 1/2 Turns, tap at 7 1/2 Turns from start.
4. Stake and Coat Windings with GL-104-2.
5. Bake until hard for 1/2 hour at 215° F.
6. Test and assemble as specified.

TEST DATA (w/out Core)

L1, L2 = 2 uH ± 10%  
 Q = 55 or Greater  
 Freq. = 7.9 Mcs.

CRITICAL COUPLING DATA

OPEN CIRCUIT Q = 80  
 CRITICAL COUPLING = 48  
 (FOR REF. ONLY)

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
2	11	CM15C240J03	CAPACITOR, FIXED, MICA	C2549 C2550
2	10	NTH0348BN6	NUT, HEX	
2	9	CI-116.5	CORE, TUNING	RED
X	8	BS-100	SOLDER, SOFT	
5	6	TE-153-1	TERMINAL RING	
X	5	GL-104-2	INSULEX	
X	3	WI-123-28	WIRE, ENAMELLED #28	
2	2	SM-140-2	BUSHING, COIL MOUNTING	
1	1	CF-122-1.93	COIL FORM 1/4 O.D.	

REQ. ITEM		PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
MATERIAL		TRANSFORMER ASSY 18 Mc COIL		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKER	FINAL APPROVAL
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TT128 C

C	REVISED & REDRAWN FR "I" SIZE	7.20.67	18365	WTO	EM	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE: 1 Do Not SCALE				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°						

1	CHG-2	SYNTH		3-10-61
REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
USED ON				