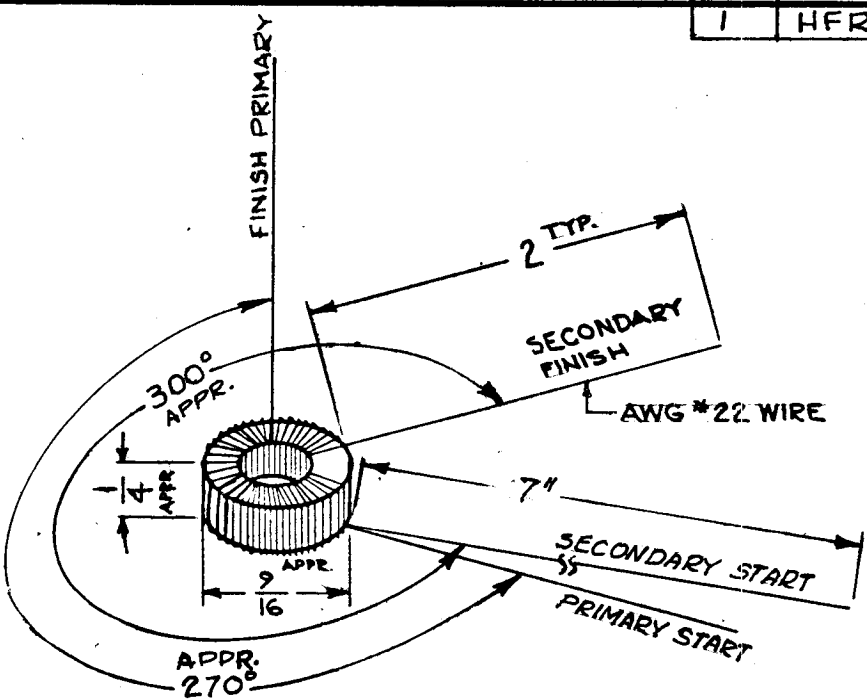


THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	HFR-1A		3-18-64
1	HFR-2		3-18-64

TZ 181 B



ELECTRICAL SPECIFICATIONS

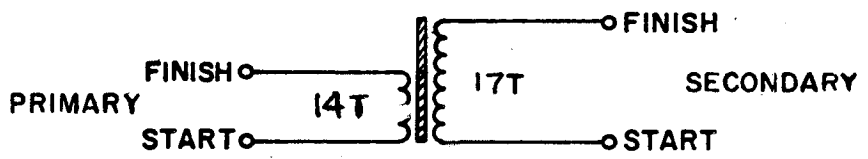
SECONDARY~  $L = 1.28 \mu h \pm 0.02 \mu h$   
 WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM  
 TERMINALS, WITH START END OF COIL TO LOW SIDE  
 $Q = 190$  MIN AT 16 MC  
 $C_{dist.} = 0.8 \mu f$  (FOR REF ONLY)

PRIMARY~  $L = 0.92 \mu h \pm 0.05 \mu h$   
 $Q = 120$  MIN AT 18 MC  
 $C_{dist.} = 1.2 \mu f$  (FOR REF ONLY)

\* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

MODEL	REQ	FUNCTION	FREQ (MC)	SYMBOL
HFR-1A	1	BAND #7	16-24 MC	T100B
HFR-2	1	BAND #7	16-24 MC	T100B

SCHEMATIC DIAGRAM



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	NOTE ADDED	1-12-67	17575	RME	G.D.L.	
A	PRIMARY-Q WAS 160	6-17-66	16416			
Q	ORIGINAL RELEASE FOR PRODUCTION	8-13-64				
X	EXPERIMENTAL RELEASE	3-30-64				

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
			TRANSFORMER, ANTENNA		
			BAND #7, FREQ. 16-24 MC.		
			G.D.L.		
			DRAWN	CHECKED	FINAL APPROVAL
			J. Hanger		TZ 181 B
			ELEC. DES. APP.	MECH. DES. APP.	

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON  
 FRAC.  $\pm 1/64$  DEC.  $\pm .005$  ANGLES  $\pm 1/2^\circ$

SCALE: NONE | 1A3554  
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.  
 REMOVE ALL BURRS AND SHARP EDGES