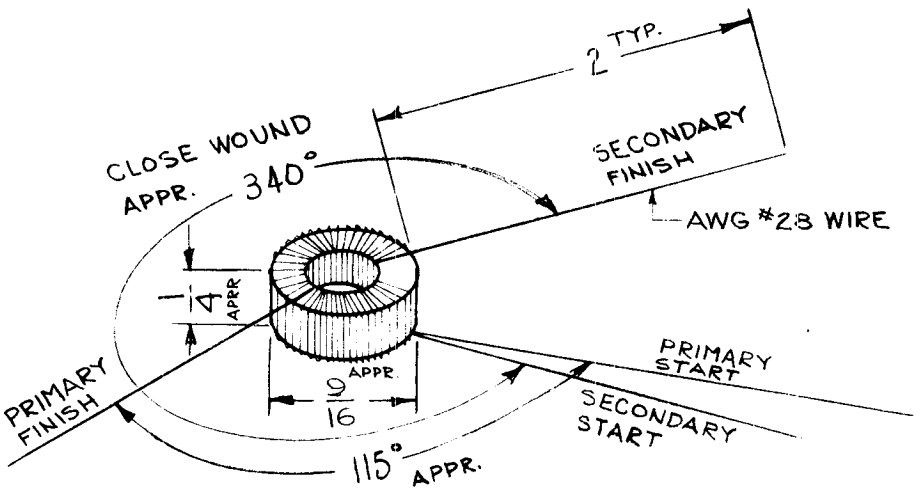
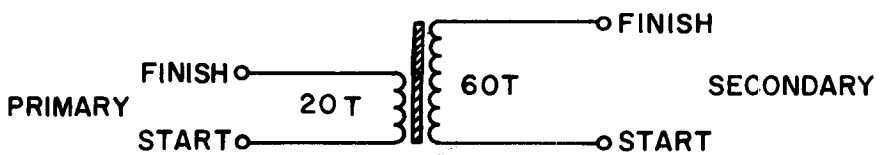
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE
1	HFR-1A		3-6-64
1	HFR-2		3-6-64

TZ 176 A



SCHEMATIC DIAGRAM



ELECTRICAL SPECIFICATIONS

SECONDARY ~ L = 13.9 μh ± 0.25 μh
Q = 160 MIN. AT 2.5 Mc
C dist. = 1.7 μμf (FOR REF ONLY)

PRIMARY ~ L = 2.7 μh ± 0.13 μh
Q = 50 MIN AT 5 Mc.
C dist = 5.7 μμf (FOR REF. ONLY)

MODEL	REQ.	FUNCTION	FREQ. (MC.)	SYMBOL
HFR-1A	1	BAND #2	3-4 MC	T1003
HFR-2	1	BAND #2	3-4 MC	T1003

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.D.L	
Q	ORIGINAL RELEASE FOR PRODUCTION	8.13.64	Q			
X	EXPERIMENTAL RELEASE	3-26-64				

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°

SCALE: NONE | IA 3522

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			ANGER	

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TRANSFORMER, ANTENNA

BAND 2, FREQ. 3-4 MC

DRAWN	CHECKED	FINAL APPROVAL
G.O.L		

ELEC. DES. APP.	MECH. DES. APP.
Anger	

TZ 176 A

TMC FORM NO. 108-A

DEFIANCE NO. 1020 26845