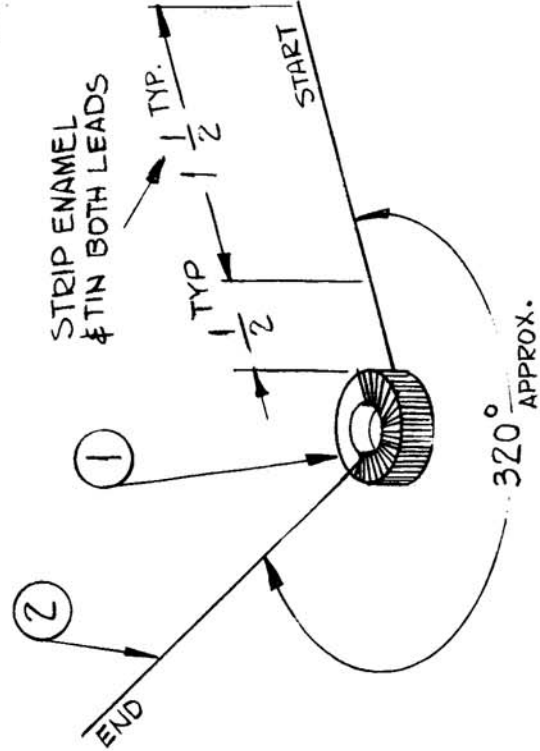


THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

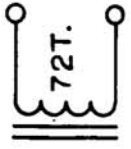
REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
3	HFR-1A	A 3520	3-6-64
3	HFR-2	A 3520	3-6-64

A 3518 A



- PROCEDURE —
- 1-WIND APPROX. 72 TURNS CLOSE WOUND IN THE DIRECTION SHOWN,
 - 2-REMOVE OR ADD TURNS TO MEET INDUCTANCE SHOWN IN TEST SPEC.
 - 3-BAKE FOR 1/2 HOUR AT 215° F.
 - 4-COAT COIL & CORE WITH GL-102 (Q-MAX) BAKE FOR 1/2 HOUR AT 215° F
- * NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.
ELECTRICAL SPECIFICATIONS
L=21.15 μ h \pm 0.55 μ h
Q-160 MIN. AT 2.5 MC,
Cdist = 1.0 μ mf (FOR REF. ONLY)

SYMBOL USED



SYMBOL USED
L1004, L1006 & 1008

X 3	GL 102	Q-MAX	
X 2	WI 141-30-9	MAGNET WIRE, SINGLE # 30	
1	CI 127-1	CORE, TOROID	

REQ. ITEM	PART NO.	ANGL. R.	DESCRIPTION	SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			CL 335 ASSY	
			COIL, RF, TOROID BAND#1-23ARF	
			G.D.L @	
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
			<i>Janger</i>	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.		
				A 3518 A

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.P.L	
X	ORIGINAL RELEASE FOR PRODUCTION	8-13-64				
X	EXPERIMENTAL RELEASE	3-26-64				

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

SCALE: DO NOT SCALE

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