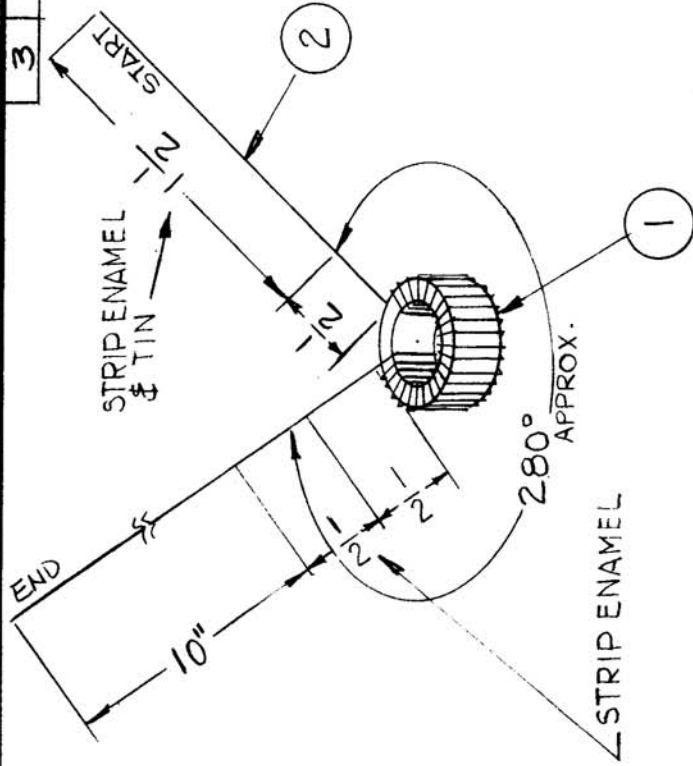


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REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
3	HFR-1A	A 3532	3-10-64
3	HFR-2	A 3532	3-10-64

A 3531

A



— PROCEDURE —

- 1- WIND 20 TURNS EVENLY SPACED OVER A 280° ANGLE. WIND TURNS IN THE DIRECTION SHOWN.
- 2- PUSH TURNS TOGETHER OR SPREAD APART AS NEEDED. TO MEET INDUCTANCE SHOWN IN TEST SPECS.
- 3- BAKE FOR 1/2 HR. AT 215°F TO REMOVE MOISTURE
- 4- COAT COIL & CORE WITH GL-102 Q-MAX AND BAKE FOR 1/2 HR. AT 215°F.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

— TEST SPECIFICATIONS —

$L = 1.74 \mu h \pm 0.05 \mu h$
 WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS WITH FINISH OF COIL TO LOW SIDE

$Q = 200$ MIN. AT 7.9 MC.

C dist. 0.5 wuf (FOR REF ONLY)

OPER FREQ. RANGE: 6-8 MC.

— SYMBOL USED —
 L1029A, L1030A, L1031A



X 3	GL 102	Q-MAX
X 2	WI 141-24-9	MAGNET WIRE, SINGLE #24
1	CI 127-1	CORE, TOROID

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE	COIL, RF ASS'Y	
	MATERIAL	BAND # 4 - 2, 3, 4 RF	
		G.D.L	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		<i>Janger</i>	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	
			A 3531

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-67	17575	RME	G.D.L	<i>M</i>
X	ORIGINAL RELEASE FOR PRODUCTION	8-13-64	Q	<i>Ran</i>		
X	EXPERIMENTAL RELEASE	3-25-64		<i>Deb</i>		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .05 ANGLES ± 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						