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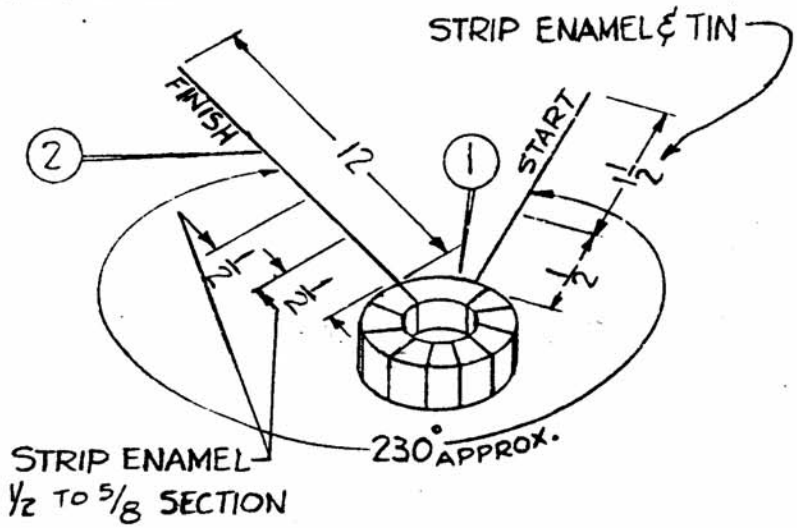
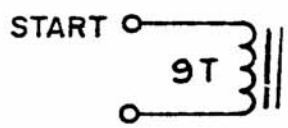
REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE		
1	HFR-1/T		6-9-62	A-2484	B





SCHEMATIC

WINDING PROCEDURE

1. WIND 9 TURNS EVENLY SPACED OVER A 230° ANGLE. WIND TURNS IN THE DIRECTION SHOWN.
2. PUSH TURNS TOGETHER OR SPREAD APART AS NEEDED TO MEET INDUCTANCE SHOWN IN TEST SPECIFICATIONS.
3. BAKE FOR ½ HOUR AT 215°F. TO REMOVE MOISTURE
4. COAT COIL & CORE WITH GL-102 (ITEM 3) AND BAKE FOR ½ HOUR @ 215°F.

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

TEST SPECIFICATIONS

INDUCTANCE = 0.45 uh ± .01 uh
WITH COIL CLAMPED INTO Q METER - ½" AWAY FROM TERMINALS WITH FINISH END TO LOW SIDE.

Cdist = 1.0 uuf (REF ONLY). Q = 180 MIN AT 25 MC
OPER. FREQ. RANGE = 25.75 - 33.75 MC

SYMBOL USED
L1052 A

REQ.	ITEM	PART NO	DESCRIPTION	SYMBOL
X	3	GL-102	Q-MAX	
X	2	WI-122-22	MAGNET WIRE SINGLE #22	
1	1	CI-127-1	CORE, TOROID	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	NOTE ADDED	1-12-67	17575	RME	G.D.L	[illegible]
A	Q WAS [illegible] MIN @ 29.75 MC. WINDING WAS 10 TURNS FOR 280° Cdist ADDED, INDUCT WAS .47uh	6-7-63	9219	[illegible]	[illegible]	[illegible]

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

SCALE:

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

ANGAR	
STOCK SIZE	
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.
FINISH & SPEC. NO.	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, RF, ASSEMBLY
BAND #8 OSC.

DRAWN	CHECKED	FINAL APPROVAL
[illegible]	[illegible]	[illegible]
J. ANGER		A-2484 B
ELEC. DES. APP.	MECH. DES. APP.	

TMC FORM NO. 108-A

DEFIANCE NO. 1020