

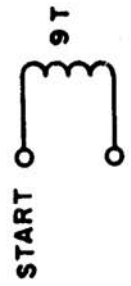
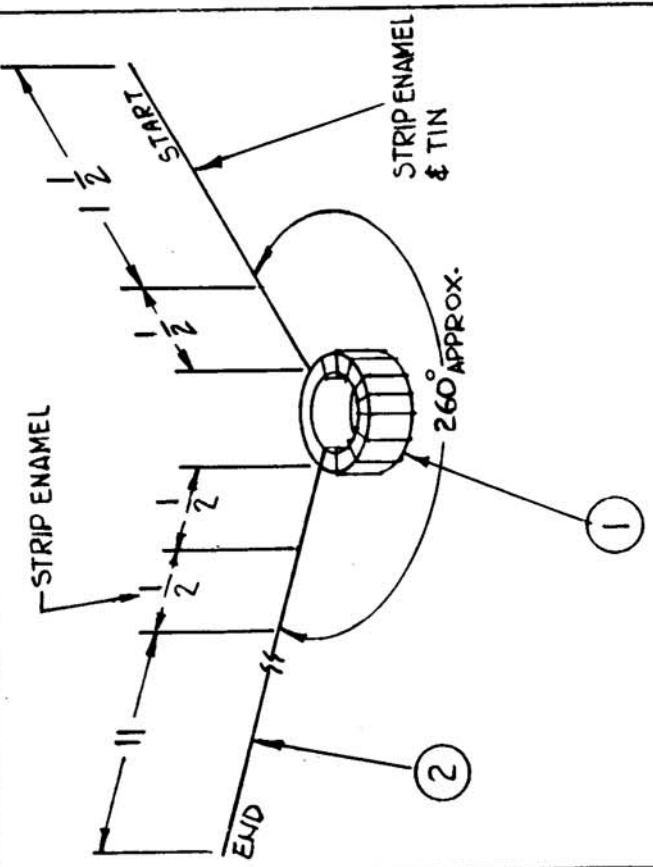
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RFQ. PER UNIT
3

MODEL
HFR-1/T

USED ON
ASSY. NO.
DATE
6-9-62

A-2481
C



— PROCEDURE —

1-WIND 9 TURNS EVENLY SPACED OVER A 260° ANGLE. WIND TURNS IN 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 = 0.37 μh ± 0.01 μh

WITH COIL CLAMPED INTO Q-METER 1/2" AWAY FROM TERMINALS, WITH FINISH END OF COIL TO LOW SIDE.

Q = 160 MIN. AT 28 MC.

OPER FREQ. RANGE: 24-32 MC

— SYMBOL USED —

L1049A, L1050A, L1051A

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	GL-102	Q-MAX	
X 2	WI-122-20	MAGNET WIRE, SINGLE #20	
1	CI-127-1	CORE, TOROID	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		COIL, RF, ASS'Y. BAND #8, 2, 3, 4 RF	
TYPE & TEMPER		G.D.L	BP
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		d. ANGSA	A-2481
		ELEC. DES. APP. MECH. DES. APP.	

SYN	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	NOTE ADDED	1-12-67	17575	RME	G.D.L	MM
B	DELE. NOTE "APPROX"	2-5-64	10831	A.M.	T.R.	MM
A	APPROX ADDED TO SCHEMATIC PROCEDURE #1 APPROX: ADDED	7-17-63	9603		MM	MM
SCALE: .						
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/20						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						