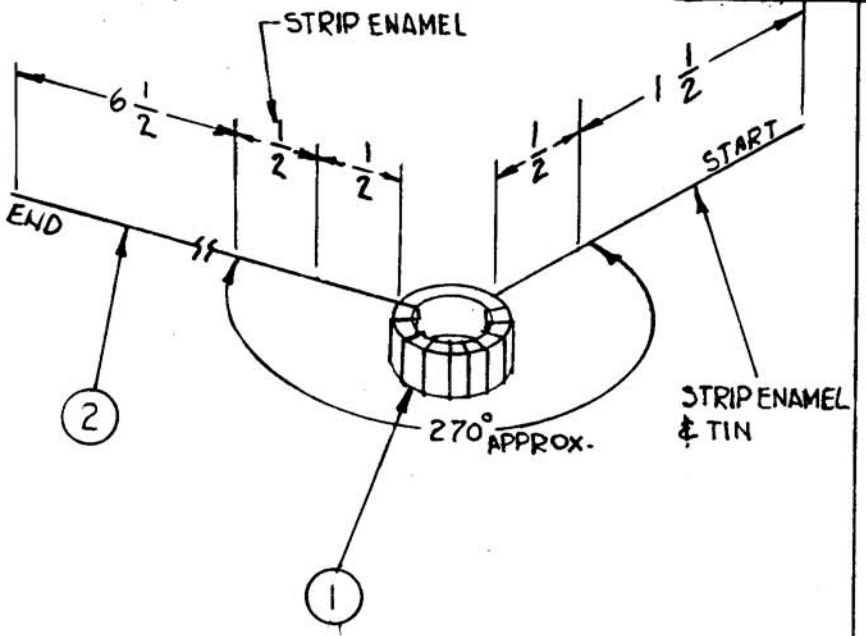
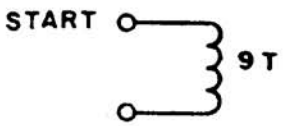
THE CONTENTS F THIS DRAWIN ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPR DUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON MODEL	DATE
1	HFR-1A [redacted]	3-20-64
1	HFR-2	3-20-64

A 3570 A





SCHEMATIC

PROCEDURE

1. WIND 9 TURNS EVENLY SPACED OVER A 270° 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 1/2HR. AT 215°F.

TEST SPECIFICATIONS

* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

L= 0.385μh + 0.015μh
WITH COIL CLAMPED INTO Q.METER 1/2" AWAY FROM TERMINALS, WITH FINISH END OF COIL TO LOW SIDE.

Q= 180 MIN. AT 24 MC.

C Dist=0.9 mmf (FOR REF. ONLY)
OPER FREQ. RANGE: 24-32MC

SYMBOL USED

L1051A

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
x	3	GL 102	Q-MAX	
x	2	WI 141-20-9	WIRE MAGNET, SINGLE #20	
1	1	CI 127-1	CORE, TOROID	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	NOTE ADDED	1-12-6[illegible]	17575	RME	G.D.L	[illegible]
Ø	ORIGINAL RELEASE FOR PRODUCTION	8-13-64	Ø	[illegible]		
X	EXPERIMENTAL RELEASE	3-30-64		[illegible]		

STOCK SIZE: —

MATERIAL: —

TYPE & TEMPER: — | HEAT TREAT. SPEC.: —

FINISH & SPEC. NO.: —

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

COIL, RF, ASS'Y
BAND #8, 4RF.

DRAWN	CHECKED	FINAL APPROVAL
G.D.L	@	[illegible]

ELEC DES. APP.: J. Jurgen | MECH DES. APP.:

A 3570 A

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