

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

REQ. PER UNIT
1

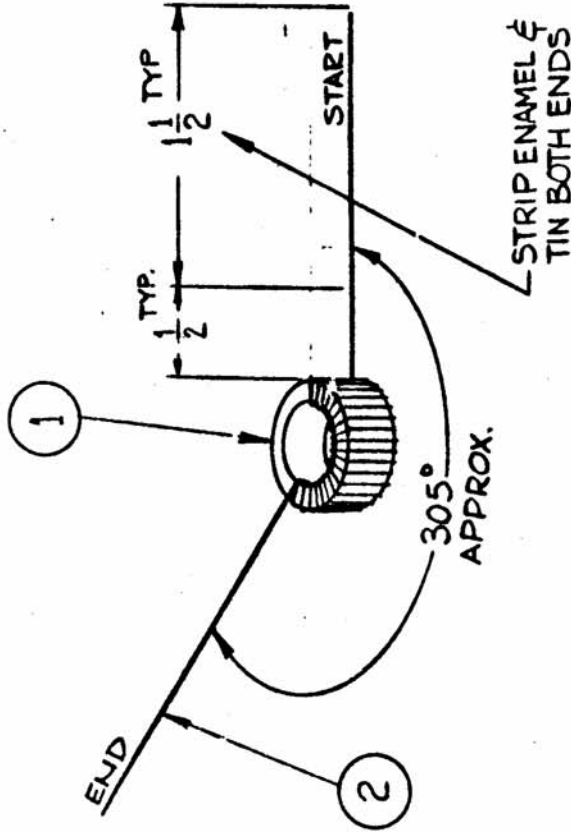
MODEL
HFR-1/T

USED ON
ASSEMBLY NO.

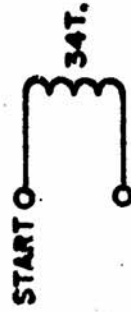
DATE
6-7-62

A-2488

A



SCHEMATIC



— PROCEDURE —

- 1- APPROX. 34 TURNS CLOSE WOUND IN THE DIRECTION SHOWN.
- 2- REMOVE OR ADD TURNS 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 = 4.5 μ h \pm 0.1 μ h
Q = 220 MIN @ 5.25 MC

SYMBOL USED

L1022

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	GL-102	Q-MAX.	
X 2	WI-122-24	MAGNET WIRE, SINGLE # 24	
1	CI-127-1	CORE, TOROID	
		THE TECHNICAL MATERIAL CORP. MAKARONECK, NEW YORK	
		CL-299 ASSEMBLY (COIL, RF, TOROID BAND 2 OSC.)	
		V.R.R.	
		DRAWN	
		CHECKED	
		APPROVAL	
		TYPE & TEMPER HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	

DATE	CH. NO.	DRAFTS	CHECKED	ENG. APP.
1-12-67	17575	RME	244	
SCALE:				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. \pm 1/64 DEC. \pm .008 ANGLE \pm 1/2°				
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				