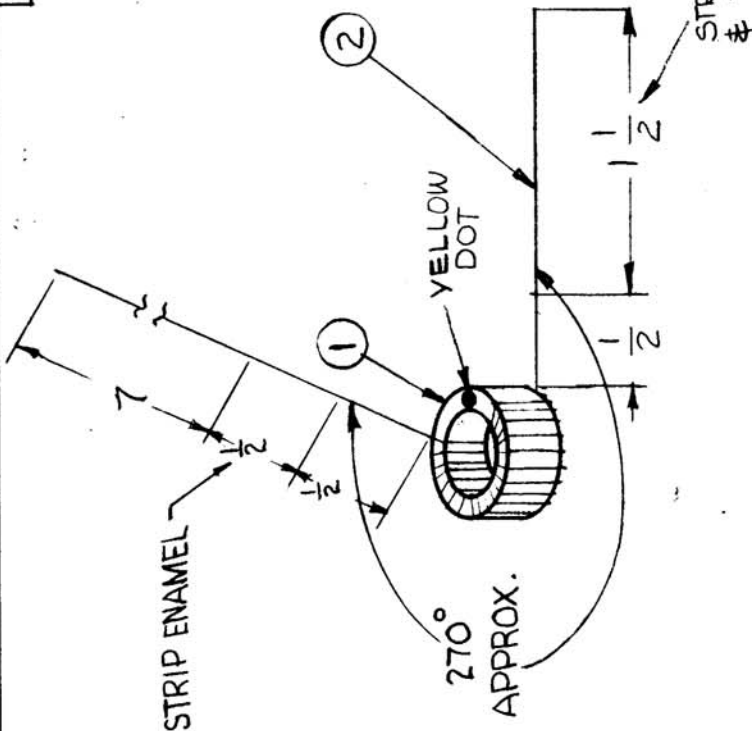


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A 3501 B

REQ. PER UNIT	MODEL	USED ON ASSY. NO.	DATE
1	HR-1A	A 3502	2-25-64
1	HR-2	A 3502	

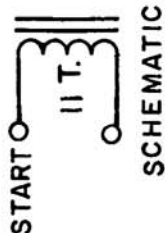


- PROCEDURE -**
- 1 - WIND 11 TURNS EVENLY SPACED OVER A 270° ANGLE, WIND TURNS IN THE DIRECTION SHOWN.
  - 2 - PUSH TURNS TOGETHER OR SPREAD APPART AS NEEDED TO MEET INDUCTANCE SHOWN IN TEST SPECS.
  - 3 - BAKE FOR 1/2 HOUR AT 215° F TO REMOVE MOISTURE.
  - 4 - COLOR CODE COIL WITH YELLOW ENAMEL DOT.
  - 5 - COAT COIL & CORE WITH GL102 Q-MAX AND BAKE FOR 1/2 HOUR AT 215° F.

\* NOTE: USE TMC COIL STANDARDS FOR TEST REFERENCE.

**- TEST SPECIFICATIONS -**

INDUCTANCE =  $0.59 \mu h \pm 0.03 \mu h$  WITH COIL CLAMPED INTO Q-METER  $\frac{1}{2}$ " AWAY FROM TERMINALS, WITH FINISH END OF COIL TO LOW SIDE.  
 Q = 185 MIN. AT 20 MC.  
 OPER. FREQ. RANGE = 13.75 - 17.75  
 C dist =  $0.4 \mu wf$  (REF ONLY)  
 - SYMBOL USED -  
 L1042A



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 3	GL 102	Q-MAX	
X 2	WJ 141-22-9	MAGNET WIRE, SINGLE #22	
1 1	CI 127-1	CORE, TOROID	
		ANGER	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		COIL, RF, ASSY	
		BAND # 6 OSC.	
		G.D.L @	
		DRAWN	
		CHECKED	
		FINAL APPROVAL	
		A 3501 B	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	COLOR CODE ADDED	4-10-67	18095	GDL		
A	NOTE ADDED	1-12-67	17575	RME	GDL	
Q	ORIGINAL RELEASE FOR PRODUCTION	8-13-64	Q	Rfm		
X	EXPERIMENTAL RELEASE	3-26-64		Dchy		

SCALE: DO NOT SCALE

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON  
 FRAC.  $\pm 1/64$  DEC.  $\pm .005$  ANGLES  $\pm 1/20$

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