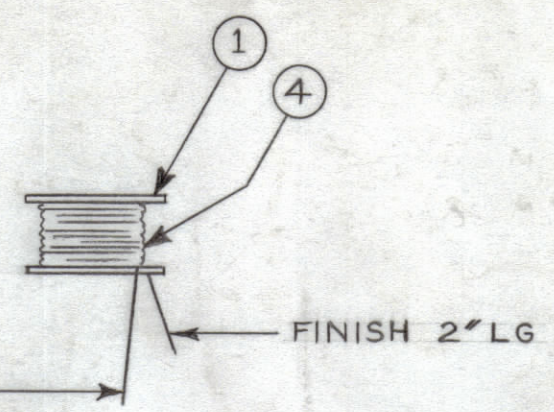


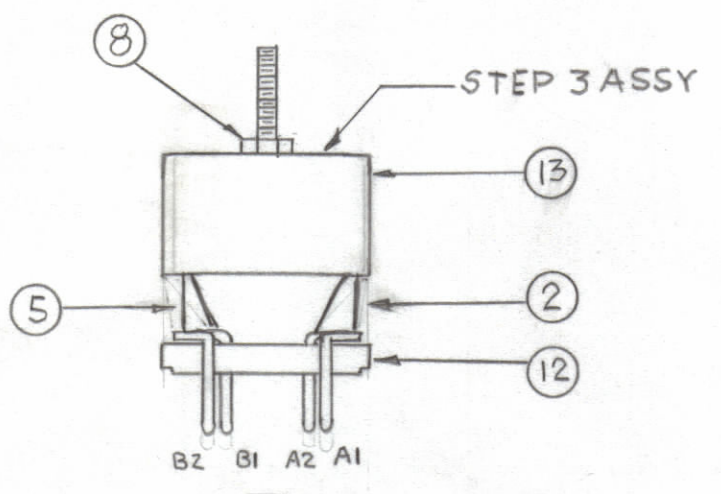
REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
	X	EXPERIMENTAL RELEASE	5-5-64		NP		
	O	ORIGINAL RELEASE FOR PRODUCTION	5/6/64	0	A.M.		
B2	A	IT. G WAS SCBP0256BN	9.21.64	1234G	Job		
	B	INDUCTANCE NOTE DELETED, STAMP NOT TO BE RELEASED W/O AUTH. ADDED	5.21.65	14111	CJL		
	C	"SOLDER LUG STYLE OPTIONAL" ADDED TO STEP 5 DIM REVISED WITHIN ADDED TO ELEC DATA	5.5.66	16216	WJO		
	D	COMPLETELY REV.	9-12-67	18462	H.G.		OP

STEP 1:



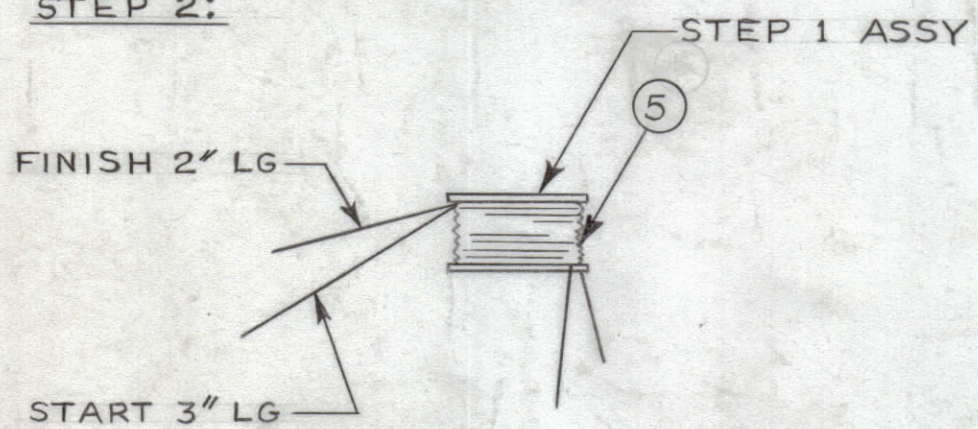
1. WIND 60 TURNS OF MAGNET WIRE ITEM ① ON BOBBIN ITEM ①
2. STAKE WITH ITEM ③
3. WIND ONE LAYER OF ELECTRICAL TAPE ITEM ④ OVER WINDING

STEP 4:



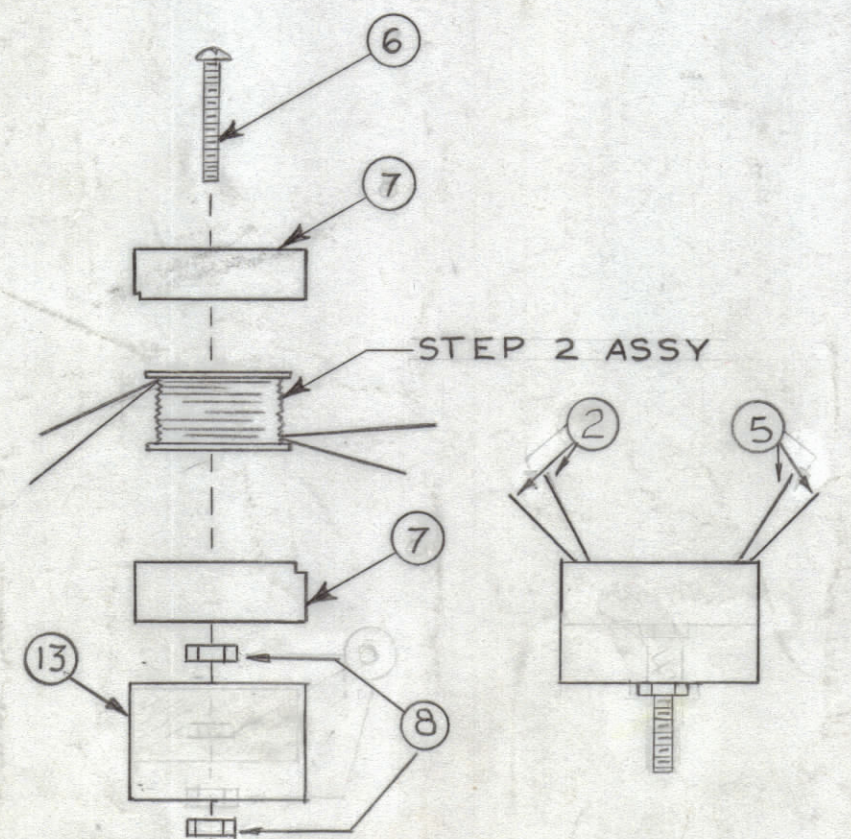
1. REMOVE EXTRA PINS FROM ITEM ⑫ AS REQ'D.
2. A) SOLDER "START" OF STEP 1 WINDING TO TERM. A1  
B) SOLDER "FINISH" OF STEP 1 WINDING TO TERM. A2 } ITEM ②  
C) SOLDER "START" OF STEP 2 WINDING TO TERM. B1 } ITEM ⑤  
D) SOLDER "FINISH" OF STEP 2 WINDING TO TERM. B2 }
3. APPLY GL129, ITEM ⑭, TO INSIDE RIM OF CASE, ITEM ⑬. INSERT HEADER, ITEM ⑦, AND PRESS FIRMLY.
4. REMOVE ITEM ⑧ FROM ITEM ⑤.

STEP 2:



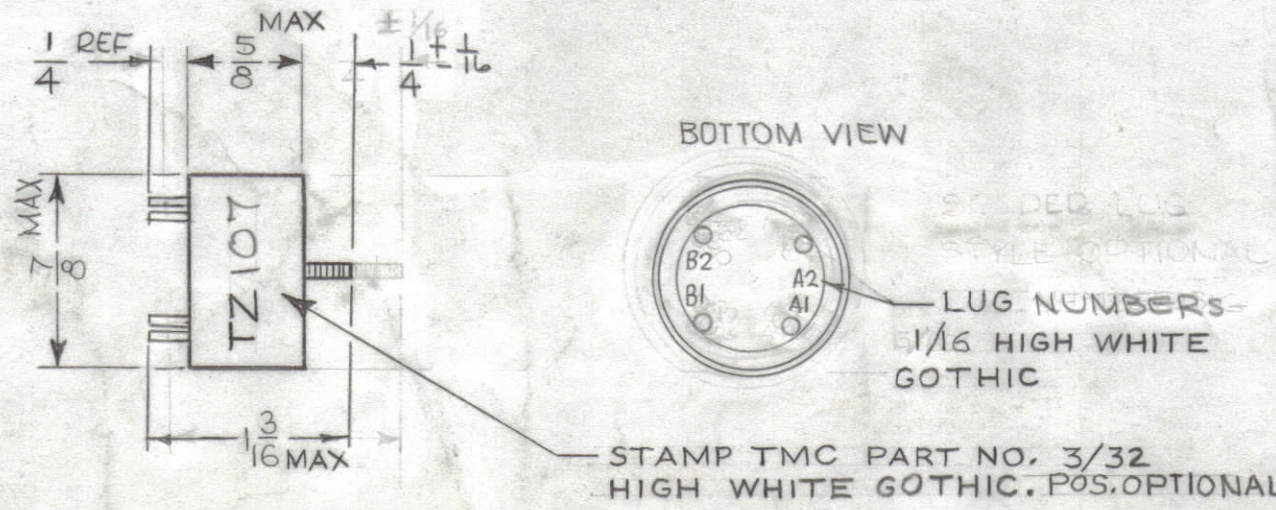
1. WIND 6 TURNS OF MAGNET WIRE ITEM ⑤ IN SAME DIRECTION AS WINDING IN STEP 1. (60 TURNS)
2. STAKE WITH ITEM ③
3. BAKE FOR 20 MINUTES AT 150°F

STEP 3:



1. ASSEMBLE AS SHOWN.
2. CAUTION. CARE SHOULD BE TAKEN IN TIGHTENING ITEM ⑥ SO AS NOT TO CRACK ITEM ⑦. HAND TIGHT WILL BE THE MAXIMUM ALLOWANCE.
3. INSERT STEP 3 ASSY. INTO ITEM ⑬ AS SHOWN. FASTEN ITEM ⑧ TEMPORARILY ON TO ITEM ⑥ FOR POTTING PURPOSES. DRESS WIRES SHOWN ON ABOVE PICTORIAL.
4. ENCAPSULATE ASSEMBLY WITH ITEM ⑩

STEP 5:



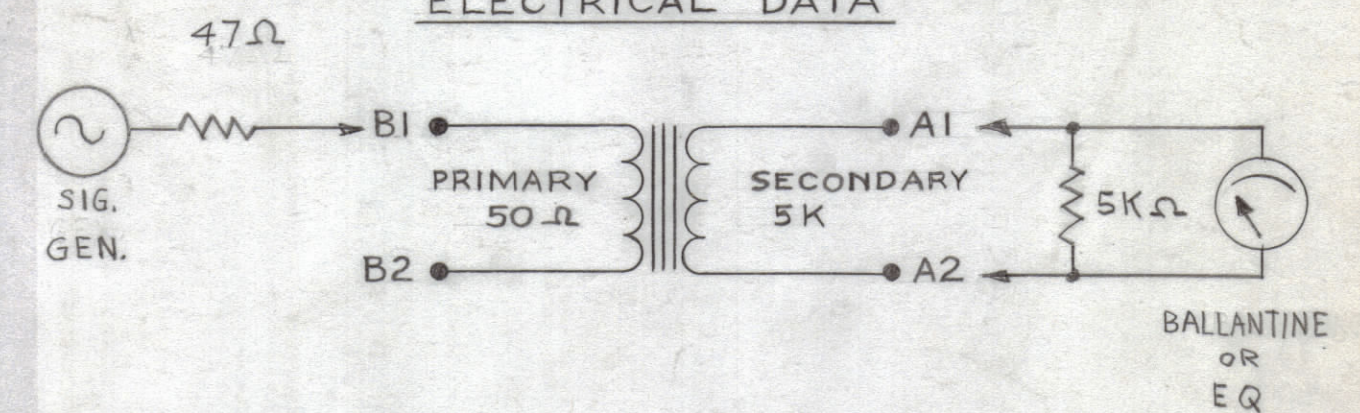
ENCAPSULATE STEP 4 ASSY WITH COMPOUND, POTTING, ITEM ⑩ TO ABOVE DIMENSIONS.

NOTES

Q'TY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	
	A	

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ELECTRICAL DATA



FREQ. RESPONSE - 200KC TO 2 MC WITHIN 3db  
REF. INPUT VOLTAGE 1.0V  
BREAKDOWN VOLTAGE BETWEEN WINDING & CORE - 600 VDC  
BETWEEN WINDINGS - 300VDC

INDUCTANCE

SEC. L - 1.7 TO 2.1 MH  
Q - 35 ± 3 AT 250 KC  
Q METER - BOONTON 260A

NOT TO BE RELEASED W/O AUTHORIZATION

AUTH. BY \_\_\_\_\_  
DATE: \_\_\_\_\_

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
-	14	GL 129	ADHESIVE	
1	13	BX 204-1	CASE, CYL, PLSTC	
1	12	PO 261-1	HEADER	
-	11	BS-100	SOLDER, TIN ALY	
-	10	GL128-0	COMPOUND, POTTING	
1	9	DELETED	TERMINAL COLLAR	
1	8	NTH0256BN6	NUT, HEX	
2	7	CI119TID	CORE, CUP	
1	6	SCBP0256BN9	SCREW, MACHINE	
-	5	WI122-27	WIRE, MAGNET, ELEC, T	
-	4	TA102-3	TAPE, ELECTRICAL	
-	3	GL103	ADHESIVE - N-CEL	
-	2	WI122-31	WIRE, MAGNET, ELEC, T	
1	1	CF135-7	FORM, COIL, 2 FLG	

LIST OF MATERIAL

MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	TITLE TZ107 ASSY RF TRANSFORMER			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN K.P.C.	DATE 5/5/64	FINAL APPROVAL K.P.C.	DATE
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	ELECT. DES. K.P.C.	DATE 5/5/64
			MECH. DES. K.P.C.	DATE 5/5/64
			SHEET	REV. LTR.

A3633