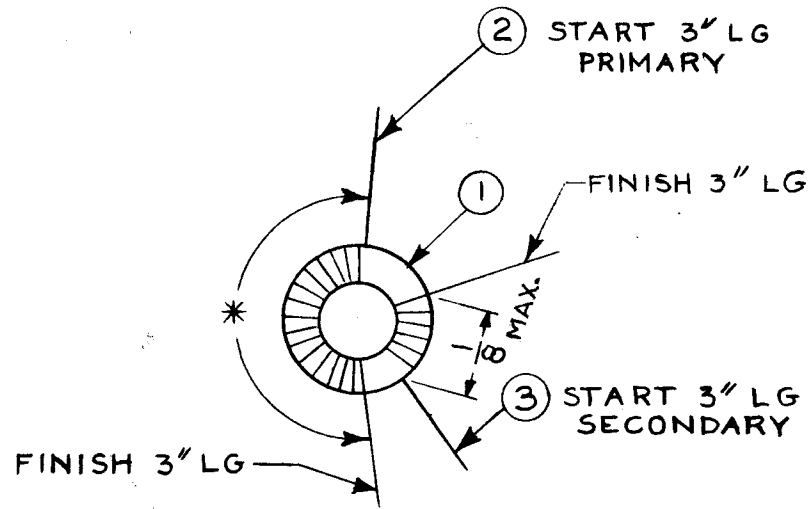
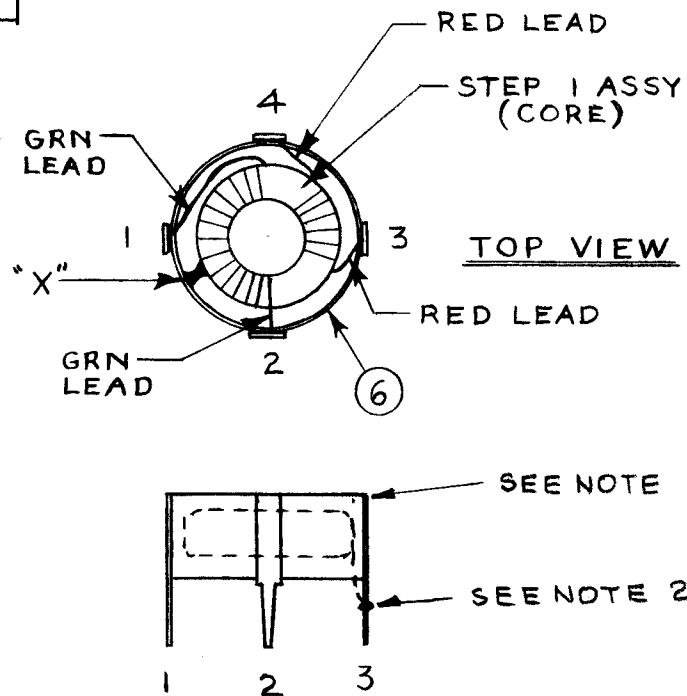


STEP-1



1. WIND 19 TURNS OF ITEM (2) ON ITEM (1) TO COVER HALF THE CORE INDICATED BY * & STAKE WITH ITEM (4)
2. WIND 6 TURNS OF ITEM (3) (SAME DIRECTION AS PRIMARY) & STAKE WITH ITEM (4)
3. CHECK L & Q.
4. BAKE FOR 20 MINUTES AT 150°F.
5. COAT THOROUGHLY WITH ITEM (5) IMMEDIATELY AFTER BAKING PROCESS.

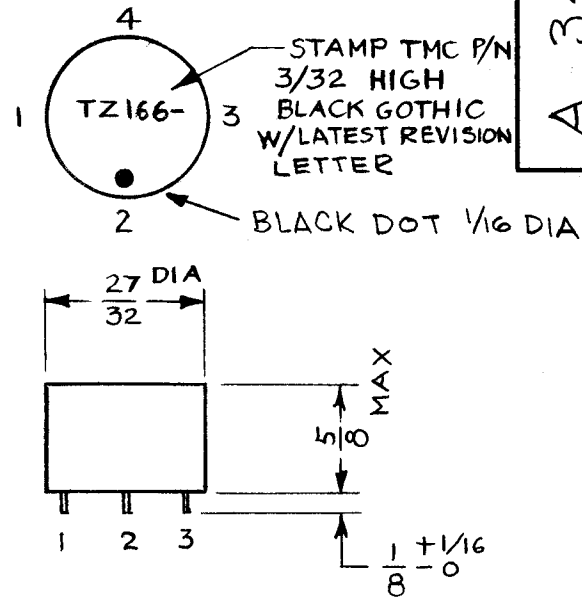
STEP-2



1. STAKE CORE IN ITEM (6) 3 TO 4 PLACES INDICATED BY "X" WITH ITEM (4)
2. SOLDER LEADS TO TERMINALS OF ITEM (6)
3. CHECK L & Q.

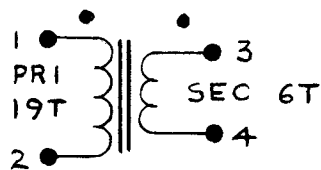
NOTES

STEP-3



1. ENCAPSULATE STEP 2 ASSY WITH COMPOUND, POTTING ITEM (7) TO ABOVE DIMENSIONS.
2. CHECK L & Q.

WINDING	R	L	Q
19T	-	2.8 μ h $\pm 10\%$	> 100 AT 7.9 MC
6T	-	.7 μ h $\pm 15\%$	> 65 AT 25.2 MC



• START OF WINDING

5	LFS-1	
Q'TY./UNIT	MODEL USED ON	ASSY. NO.
SCALE —H—	CODE A	

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REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	ITEMS 1, 2, 3 ADDED	4-27-64	1	SP	AK	WS
0	ORIGINAL RELEASE	7-27-64	#	G.D.L	@	

NOTE :

- 1 - CUT OFF TOP OF LUGS FLUSH WITH BAKELITE ITEM 6
- 2 - WRAP LEADS AROUND LUGS CLOSE AS POSSIBLE

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	8	BS 100	SOLDER, SOFT	
X	7	GL 128-3	COMPOUND, POTTING (ORANGE)	
1	6	TM 124-3	TERMINAL, COLLAR	
X	5	GL 130	CEMENT, "Q" DOPE	
X	4	GL 103	DUCO, CEMENT	
X	3	WI 141-34-2	WIRE, MAGNET (RED)	
X	2	WI 141-34-5	WIRE, MAGNET (GREEN)	
1	1	CI 127-4	CORE	

M. GELLMAN

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TZ 166 ASSEMBLY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN <i>H. Peters</i>	DATE 8-29-63	FINAL APPROVAL <i>RAC</i>	DATE	
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS $\pm 1/64$ ANGLES $\pm 0^\circ 30'$	ELECT. DES. <i>[Signature]</i>	MECH. DES. <i>[Signature]</i>	DATE
SHEET			REV. LTR.		

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