

A-3021 B

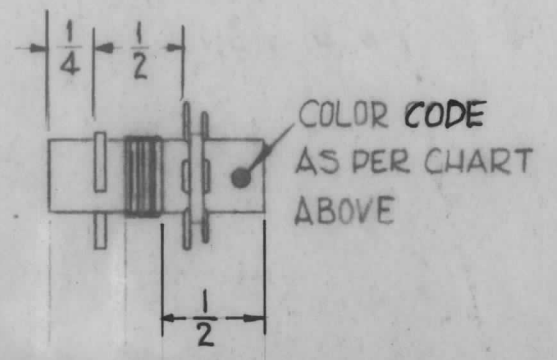
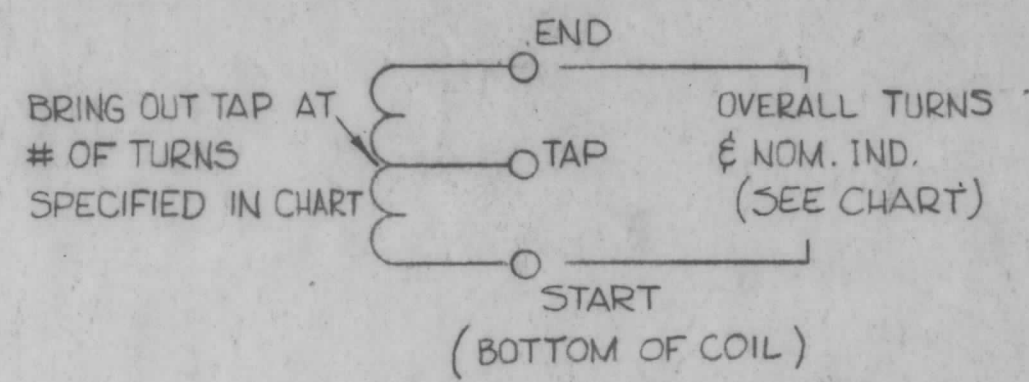
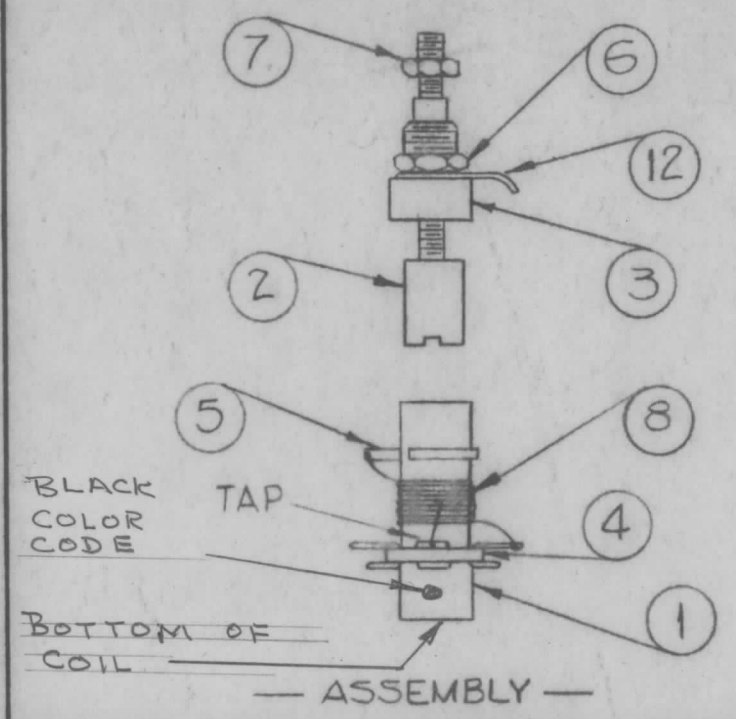
TMC MFG. NO.	NO. OF COIL TURNS OVERALL	BRING OUT TAP AT— (NO. OF TURNS)	NOM. IND. ϕ /A W/O CORE (Lhy)	TEST FREQ (MCS)	Q AT TEST FREQ MUST BE GREATER THAN	QUAN PER UNIT	BAND FREQ (MCS)	BAND	COLOR CODE	SCHEM SYM.	TMC PART NO.
A-3021	42	34	25.5 (23.5-27.5)	2.5	40	1	Z-4,3	1	BLK.	T-II	TT-134

WINDING MACHINE DATA

CAM : 125
 DRIVER : 95
 CAM GEAR : 49

PROCEDURE

1. SECURE ITEMS 4 & 5 TO COIL FORM (ITEM 1) WITH INSULEX (ITEM 10).
2. WIND REQ. NUMBER OF TURNS OF ITEM 8 ON COIL FORM AND BRING OUT TAP WHEN REQ. AS PER CHART.
3. STAKE COIL ENDS TO COIL FORM WITH Q-MAX (ITEM 9).
4. SOLDER COIL LEADS AS SHOWN.
5. BAKE COIL FOR 1/2 HOUR AT 210°F.
6. PAINT COIL WITH INSULEX (ITEM 10).
7. DO NOT ALLOW INSULEX TO FORM ON TOP END OF COIL FORM WHERE BUSHING WILL BE ASSEMBLED
8. TEST UNIT AS PER CHART AND SCHEMATIC, WITHOUT CORE. (USE BOONTON Q-METER MODLE 160A OR EQUIV.)
9. ASSEMBLE AND SECURE ITEMS 2, 3 AND 12 WITHIN COIL FORM. WIRE ITEM 12 (SOLDER LUG) TO ITEM 5 (TERMINAL RING) WITH ITEM 13 & SOLDER.



X	13	WL-100-7	WIRE, BUSS
1	12	TE-104-5	LUG, SOLDER
X	11	BS-100	SOLDER, SOFT
X	10	GL-104-2	INSULEX, U-85
X	9	GL-102	LACQUER, Q-MAX.
X	8	WI-104-54 DSQS	WIRE
1	7	NTH0632BN8	NUT, HEX
1	6	NTH2528BN14	NUT, HEX
1	5	TE-153-2	TERMINAL, RING TYPE
1	4	TE-170-3	TERMINAL, COLLER
1	3	SM-110	BUSHING, COIL MTG.
1	2	CI-109-7	CORE, TUNING
1	1	CF-133-1.125	COIL FORM

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE			
MATERIAL			
TYPE & TEMPER		HEAT TREAT. SPEC.	FINISH & SPEC. NO.
DRAWN		CHECKER	FINAL APPROVAL
ELEC. DES. APP.		MECH. DES. APP.	

B	7/16 DIM. DELETED; 1/2 DIM. ADDED	1-16-62	6200	LS	ab	SPM
A	ON SCHEM. SYM. T-II WAS ADDED	8/30/61	5520	I. I.	ab	SPM
	"O" WAS 60 ITEM O WAS CF-123					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE:				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/2^\circ$						

1	GPE-1			6-20-61
REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
USED ON				

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