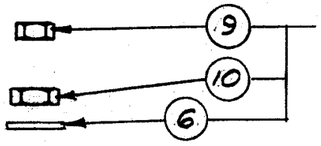
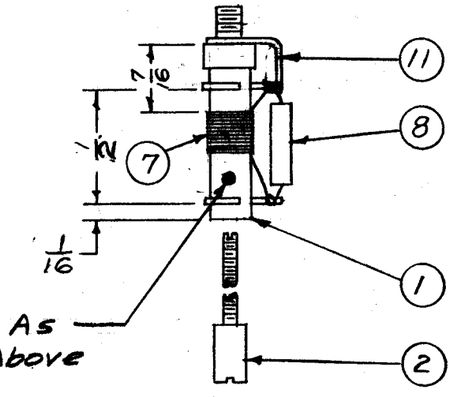
A-1445 B

Assy No.	PART No.	Coil Turns	INDUCTANCE (μhy)	FREQ. (Mc.)	Q at TEST FREQ MUST BE GREATER THAN	ITEM 7	ITEM 8	TUNER FREQ. (Mcs)	COLOR CODE
A-1445-1	CL-204	7	.40-.45	25.0	90	WI-107-11	NONE	30	Blk.
2	CL-205	5½	.29-.34	25.0		WI-107-11	NONE	32,34	Brn.
3	CL-206	7½	.46-.50	25.0		WI-107-11	NONE	28	Red
4	CL-207	13	.95-1.01	25.0		WI-107-11	CM15D221J	8	Or.
5	CL-208	13					CM15C131J	10	Yell.
6	CL-209	13					CM15C820J	12	Grn.
7	CL-210	13					CM15C510J	14	Blue
8	CL-211	13					CM15C470J	16	Viol.
9	CL-212	13					CM15C240J	18	Grey
10	CL-213	13	.95-1.01				NONE	20	Wh.
11	CL-214	11	.77-.83				NONE	22	Wh/Blk
12	CL-215	10	.67-.73				NONE	24	Wh/Red
13	CL-216	9	.58-.64	25.0	90	WI-107-11	NONE	26	Wh/Or

Note: A-1445-2 Quan. is two per unit. All others are 1 per unit.



Secure items 9, 10 & 6 to coil after assembly of coil to chassis.



Color Code As Per Chart Above

PROCEDURE

1. Stake the terminal Rings to the Coil Form (item 1) with item 5 (GL-104-2)
2. Wind required turns as per chart.
3. Remove coil & test for required inductance as per chart. (w/o core) use Boonton Q Meter - Model 160 A or Equiv., test leads approx. 1" long.
4. Paint Winding with item 5 (GL-104-2)
5. Solder coil leads, Capacitor leads, and ground lug (item 11) to terminals.
6. Assemble core (item 2), to form.

REQ. Ea.	ITEM	PART NO.	DESCRIPTION	SYM.
X	12	BS-100	Solder, Soft	
1	11	TE-104-3	Lug, Solder	
1	10	NTH0832BC8	Nut, Hex.	
1	9	NTH0348BC6	Nut, Hex.	
X	8	See Chart	Capacitor, Fixed, Mica	
X	7	See Chart	Wire, Magnet, D.S.	
1	6	LWI08MRC	Lockwasher, Int.	
X	5	GL-104-2	Insulex, U85	
	4		Deleted	
	3		Deleted	
1	2	CI-116-5	Core, Tuning	Red
1	1	CF-110-N-1	Coil Form	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E		ON-1/-13 "Q" WAS 100	7-22-66	16619	RME		
D	2	NO. OF TURNS & Q at TEST UPDAT. ON NOTE 3, TEST LEADS 1" ADD.	8.10.1964	12015	WB		
C	1	added TMC Part No Column	12/1/59	1658			
B	1	1/16 was 3/32 1/2 was 7/16	2/6/58	2			
A	1	COMPLETE REVISION	8/27/57	1			

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:

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

SEE NOTE	SBE-3	AO-102		
SEE NOTE	SBE-142			8-6-57
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

CL-204 thru CL-216 ASS'Y.
(COIL, RF, TUNED)

16 8/6/57		
DRAWN	CHECKED	FINAL APPROVAL
RWB		A-1445
ELEC. DES. APP.	MECH. DES. APP.	

A-1445 E

TMC MFG. Assy No.	TMC PART No.	No. of Coil Turns	NOMINAL INDUCTANCE (uhy)	TEST FREQ. (Mc.)	Q at TEST FREQ MUST BE GREATER THAN	ITEM 7	ITEM 8	OPER. FREQ. (Mcs)	COLOR CODE
A-1445-1	CL-204	7	.40-.45	25.0	90	WI-107-11	NONE	30	Blk.
2	CL-205	5½	.29-.34	25.0		WI-107-11	NONE	32,34	Brn.
3	CL-206	7½	.46-.50	25.0		WI-107-11	NONE	28	Red
4	CL-207	13	.95-1.01	25.0		WI-107-11	CM15D221J	8	Or.
5	CL-208	13					CM15C131J	10	Yell.
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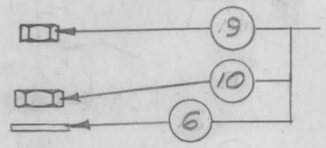
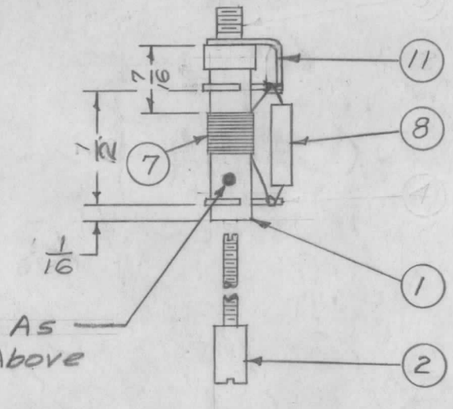


Secure items 9, 10 & 6 to coil after assembly of coil to chassis.



Color Code As Per Chart Above

PROCEDURE

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1	11	TE-104-3	Lug, Solder	
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1	9	NTH0348BC6	Nut, Hex.	
X	8	See Chart	Capacitor, Fixed, Mica	
X	7	See Chart	Wire, Magnet, D.S.	
1	6	LWI0BMRC	Lockwasher, Int.	
X	5	GL-104-2	Insulex, U85	
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	3		Deleted	
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1	1	CF-110-N-1	Coil Form	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
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C	1	added TMC Part No Column	12/1/59	1658			
B	1	1/16 was 3/32 1/2 was 7/16	2/6/58	2			
A	1	COMPLETE REVISION	8/27/57	1			

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:

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

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
SEE NOTE	SBE-3	A0-102		
SEE NOTE	SBE-1+2			8-6-57

USED ON

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
MATERIAL		CL-204 thru CL-216 ASS'Y. (COIL, RF, TUNED)	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN: 16 8/6/57	CHECKED:	FINAL APPROVAL:
FINISH & SPEC. NO.		ELEC. DES. APP.: RWB	MECH. DES. APP.:	A-1445 E