

A-1445E

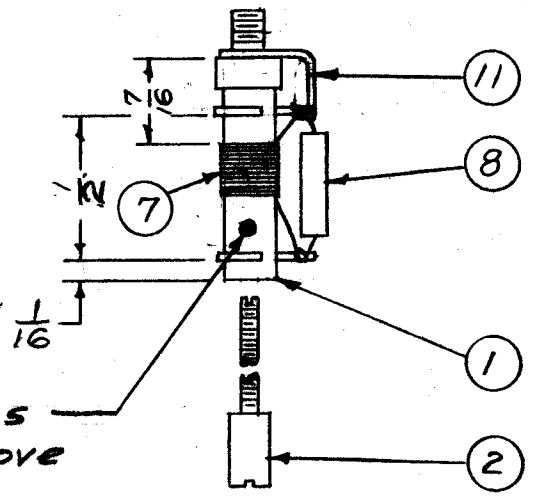
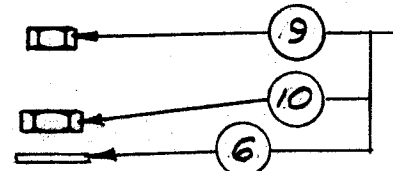
Assy No.	PART No.	Coil Turns	INDUCTANCE (μH)	FREQ. (Mc.)	Q at TEST FREQ. MUST BE GREATER THAN	ITEM 7	ITEM 8	OPER. FREQ. (Mcs)	COLOR CODE
A-1445-1	CL-204	7	.40-.45	25.0	90	WI-107-10	NONE	30	Blk.
2	CL-205	5½	.29-.34	25.0		WI-107-11	NONE	32,34	Brn.
3	CL-206	7½	.46-.50	25.0		WI-107-11	NONE	28	Red
4	CL-207	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

- 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 Bapton 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.

**NOTICE TO PERSONS RECEIVING THIS DRAWING**

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



Property of:  
THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

REQ. EQ.	ITEM	PART NO.	DESCRIPTION	SYM.
X	12	BS-100	Solder, Soft	
1	11	TE-104-3	Lug, Solder	
1	10	NTH0832BCB	Nut, Hex.	
1	9	NTH0348BC6	Nut, Hex.	
X	8	See Chart	Capacitor, Fixed, Mica	
X	7	See Chart	Wire, Magnet, D.S.	
1	6	LW108MRC	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" WAS 100	7-22-66	16619	RME	RB	JA
D	2	NO. OF TURNS FOR TEST UPDAT. ON NOTE 3, TEST LEADS 1" ADD.	8-10-1964	12015	WJB	JA	RB
C	1	added TMC Part No Column	12/1/59	1658	JA	W	RB
B	1	1/16 was 3/32 1/2 was 7/16	2/6/58	2	JA	W	RB
A	1	COMPLETE REVISION	8/27/57	1	W	RB	JA

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 3

SBE-3 A0-102

SBE-1+2

8-6-57

REQ. PER UNIT

MODEL PROJECT NO. ASSY. NO. DATE

THE TECHNICAL MATERIEL CORP.	MAMARONECK, NEW YORK
STOCK SIZE	CL-204 thru CL-216 ASSY. (COIL, RF, TUNED)
MATERIAL	
TYPE & TEMPER	HEAT TREAT. SPEC.
DRAWN	CHECKED
FINAL APPROVAL	
ELEC. DES. APP. MECH. DES. APP.	

A-1445E

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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	190	WI-107-11	NONE	30	Blk.
2	CL-205	5 1/2	.29-.34	25.0	125	WI-107-11	NONE	32,34	Brn.
3	CL-206	7 1/2	.46-.50	25.0	105	WI-107-11	NONE	28	Red
4	CL-207	13	.95-1.01	25.0	125	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
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9	CL-212	13			125		CM15C240J	18	Grey
10	CL-213	13	.95-1.01		120		NONE	20	Wh.
11	CL-214	11	.77-.83		120		NONE	22	Wh/Blk
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13	CL-216	9	.58-.64	25.0	90	WI-107-11	NONE	26	Wh/Or

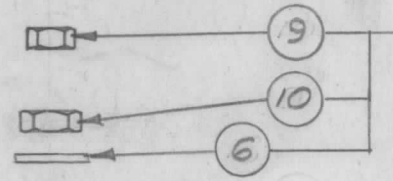
PROCEDURE

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.

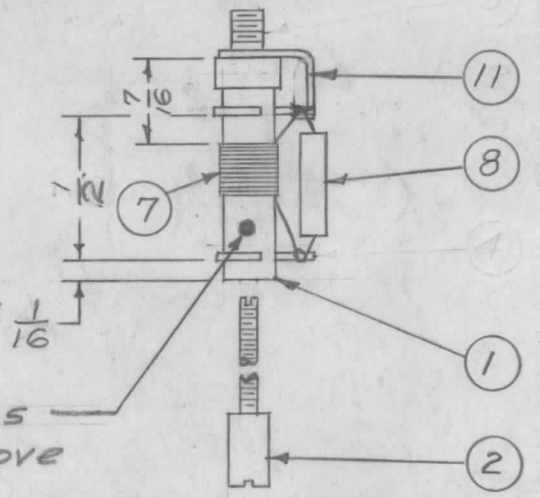
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Note: A-1445-2 Quan. is two per unit. All others are 1 per unit.



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



Color Code As Per Chart Above

Property of:  
THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

QTY	ITEM	PART NO.	DESCRIPTION	SYMBOL
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	LW108MRC		Lockwasher, Int.	
X 5	GL-104-2		Insulex, U85	
2 4			Deleted	
1 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" WAS 100	7-22-66	16619	RME	RB	JA
D	2	NO. OF TURNS & Q AT TEST UPDAT. ON NOTE 3, TEST LEADS 1" ADD.	8.10.1964	12015	LOB	JK	AMB
C	1	added TMC Part No Column	12/11/59	1658	AMB	LB	AMB
B	1	1/16 was 3/32 1/2 was 7/16	2/6/58	2	AMB	LB	AMB
A	1	COMPLETE REVISION	8/27/57	1	AMB	LB	AMB

TOLERANCES		SCALE:	
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±			

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

REQ. Ea.	ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
STOCK SIZE				
CL-204 thru CL-216 ASS'Y. (COIL, RF, TUNED)				
MATERIAL				
16 8/16/57				
TYPE & TEMPER		HEAT TREAT. SPEC.		DATE
				8-6-57
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.
		RWB		20
A-1445E				