

USED ON
REQ. PER UNIT
MODEL
RFD-1

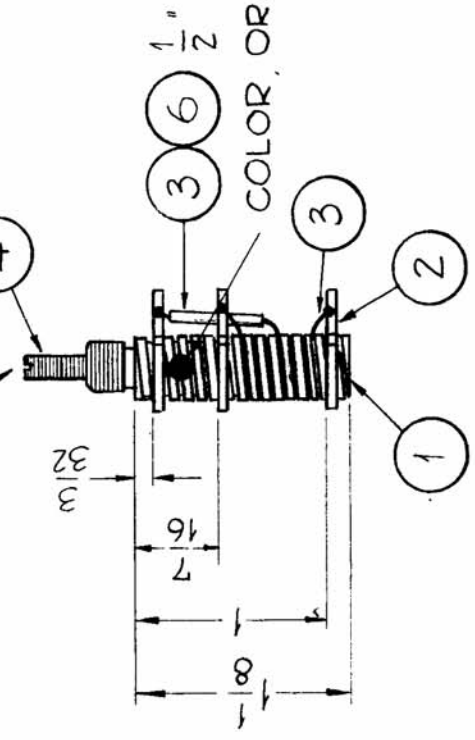
ASSY. NO.
PALIK, SBT-1K10-25-60

DATE
10-25-60

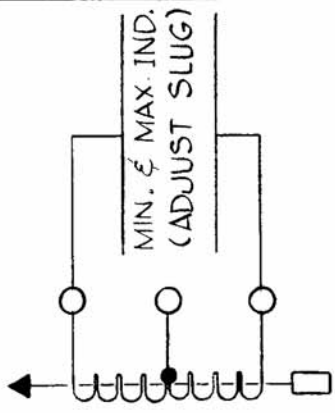
A-2003 B

- PROCEDURE**
- Force fit bushing (item 4) into form (item 1).
 - Secure terminals (item 2) to form with Insulex (item 6).
 - Wind 4 turns of wire (item 3) on form. Bring out tap at 3 turns from top. Slip Sleaving (item 7) over tap. Solder wire ends to proper terminals.
 - Paint winding with Insulex.
 - Bake for 1/2 hour at 250° F.
 - Insert core (item 5).
 - Test as shown below. Use Boonton Q - Meter Model 160A or Equivalent.

TOP OF TRANSFORMER



Minimum inductance must be less than - .20 uhy
Maximum inductance must be more than - .28 uhy
Q at test frequency must be more than 120
Test frequency 25 mc.
Operating frequency 22-32 mc



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 7	BS-100	Solder, Soft	
1/2"	PX-100-1-.034	Insulation, Sleaving (Size 20)	Bik
X 5	GL-104-2	Insulex, U85	
1 4	CI-109-10	Core, Tuning, Blue	
X 3	WL-100-6	Wire, Buss (Size 20)	
3 2	TE-153-2	Terminal, Ring Type	
1 1	CF-128-1	Coil Form, Grooved	

STOCK SIZE		MATERIAL		TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.	
THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK		CL-257 ASSY		DRAWN		CHECKED		ELEC. DES. APP. MECH. DES. APP.	
(LZ11) R.F. COIL, TUNED, 22-32 MC		J.C. Biele		RK		J.C. Biele		A-2003 B	
		FINAL APPROVAL							

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B 1	(on Pictorial) Dot was Green	1-16-61	3907	RU	gfb	SM
A 1	Procedure #3, 3 Turns was 1	11-18-60	3521	RU	gfb	SM

SCALE: Full, Do Not Scale

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ± 1/64
ANGULAR DIM. ±

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