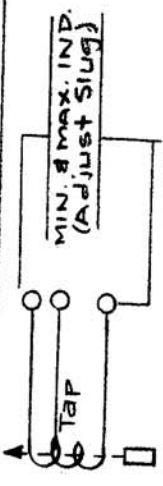


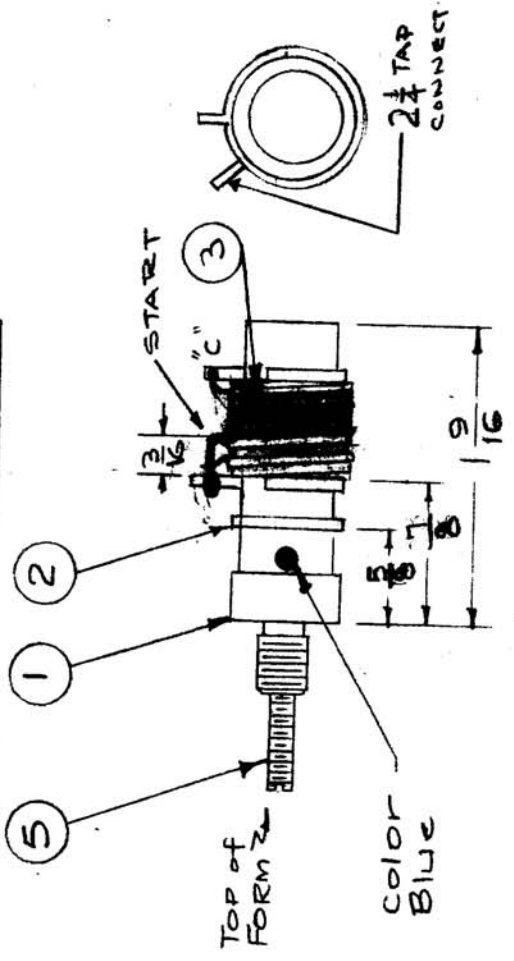
CL 148 F

UNIT	APPLY. NO.	DATE
1	647-10K	12-22-58
MODEL	RFC-1	11-22-60

- Slip tv terminal rings (item 2) on form (item 1) as shown (Marked "A" and "B").
- Force fit outer form (item 3) onto inner form (item 1) and cement with Insulux (item 6).
- Slip terminal ring marked "C" on inner form.
- Cement all rings to inner form.
- Wind 4 turns of wire (item 4) on outer form. Bring out tap at 2 1/4 turns from top. Slip Sleeve (item 7) over tap. Solder all wire ends to proper terminals.
- Paint Winding with Insulux.
- Bake for 1/2 hour at 250° F.
- Insert Core (item 5).
- Test as shown below. Use Boonton Q - Meter Model 160A or Equivalent.



Minimum Inductance must be less than .36 uhy.  
 Maximum Inductance must be more than .45 uhy.  
 Q at 2.5 Mc must be more than 140  
 Test frequency 25 Mc.  
 Operating frequency - 20-28 Mc.



REQ. ITEM	PART NO.	DESCRIPTION	SYMB L
X 8	BS-100	Solder, Soft	
1/2	PX-100-1-.053	Insulation, Sleeve (Size 16)	RLK
X 6	GL-104-2	Insulux, U85	
1 5	CI-109-19	Core, Tuning, Red	
X 4	WL-100-5	Wire, Buss (Size 18)	
1 3	CF-125-3P0.50	Coil Form, Grooved	
3	TE-153-8	Terminal, Ring Type	
1 1	CF-119-1.562	Coil Form, w/Bushing	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		RF COIL ASSY, TUNED (CL-148)	
TYPE & TEMPER		20-2 MC	
HEAT TREAT. SPEC.		16 1/2 x 1/8	
FINISH & SPEC. NO.		MB	
DRAWN		JNS	
CHECKED		MB	
FINAL APPROVAL		CL 148	F

ISSUE ITEM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
F 3 Redrawn	6/1/71	20332	CU		JEB
T LERANCES					
SCALE: 1/32					
MAXIMUM ALLOWABLE T LERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTI N. REMOVE ALL BURRS AND SHARP EDGES					