

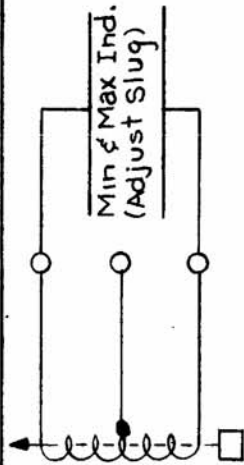
# PROCEDURE

- 1~ SECURE TERMINAL RINGS (ITEM 2) TO FORM (ITEM 1) WITH INSULEX (ITEM 5).
- 2~ WIND 20 TURNS OF WIRE (ITEM 3) ON FORM. TAP AT 16<sup>TH</sup> TURN.
- 3~ SOLDER WIRE ENDS TO PROPER TERMINALS.
- 4~ PAINT WINDING WITH INSULEX.
- 5~ BAKE 1/2 HR. AT 210°F.
- 6~ TEST AS SHOWN BELOW. USE BOONTON Q METER, MODEL 160A OR EQUIV.

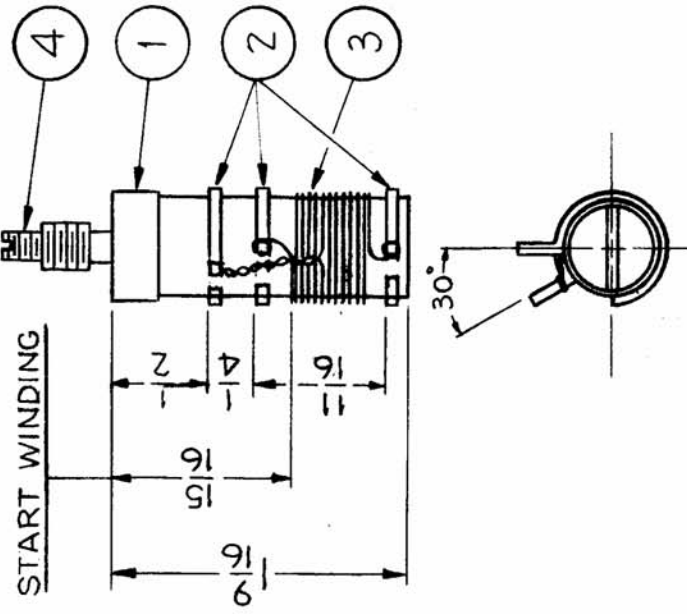
## TEST DATA

MIN. IND. MUST BE LESS THAN 4.5.  
 MAX. IND. MUST BE MORE THAN 7.2.

Q~ AT 7.9 MC > 70  
 TEST FREQ. ~ 7.9 MC  
 OPERATING FREQ. ~ 4-8 MC



REQ. PER. UNIT	1
MODEL	GPT-10K
ASSY. NO.	IPA
DATE	4-2-59
USED ON	A-1657 B



X 6	BS-100	SOLDER, SOFT
X 5	GL-104-2	INSULEX, U85
1 4	CI-109-13	CORE, TUNING RED
X 3	WI-123-25	WIRE, (#25 FORMVAR)
3 2	TE-153-3	TERMINAL, RING TYPE
1 1	CF-119-1.562	COIL FORM W/BUSHING

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CL-159 ASSY.	
HEAT TREAT. SPEC.		(COIL, RF, TUNED, 4-8 MC)	
TYPE & TEMPER.	DRAWN	CHECKED	FINAL APPROVAL
	ATB	J.C. BIELE	ASB RS
FINISH & SPEC. NO.		A-1657 B	
ELEC. DES. APP.		MECH. DES. APP.	

ISSUE/ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	IT4 WAS C1116-10	1-16-67	17683	440	QPS	QPS
A	ON TEST DATA Q-70ADD.	8.26.64	12213	ATB	QPS	QPS
TOLERANCES						
SCALE:						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						