

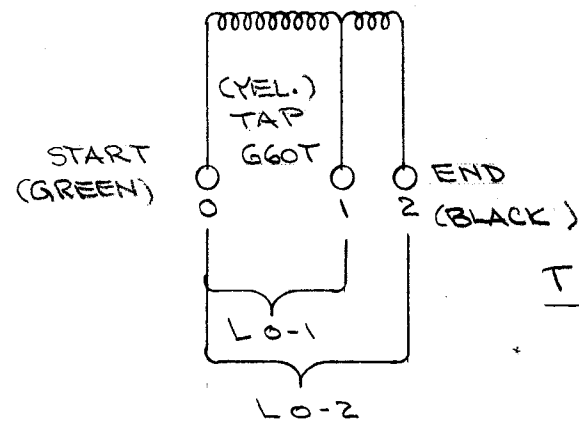
C
A-1295

WINDING MACHINE DATA

- 1- PLACE TOROID (ITEM 1) WITHIN WIRE RING.
- 2- LOAD RING WITH 55 TURNS OF ITEM 3.
- # 30 FORMEX WIRE.

WINDING DATA

- 1- WIND 660 TURNS ONTO CORE.
- 2- BRING OUT TAP.
- 3- CONTINUE WINDING. END AT 757 T.
- * 4- MEASURE L_{0-2} . ADJUST TOTAL TURNS UNTIL L_{0-2} FALLS WITHIN TOL. GIVEN BELOW.
- 5- REMOVE WOUND COIL FROM MACHINE. LEAVE 12" EXTRA WIRE ON END FOR ADJUSTMENT.
- * 6- MEASURE L_{0-2} AGAIN. ADJUST TOTAL TURNS UNTIL L_{0-2} FALLS WITHIN TOL. GIVEN BELOW.
- 7- BAKE FOR 1/2 HR. AT 100° C
- 8- DIP COIL IN ITEM 6 (KEEP LUGS CLEAN).

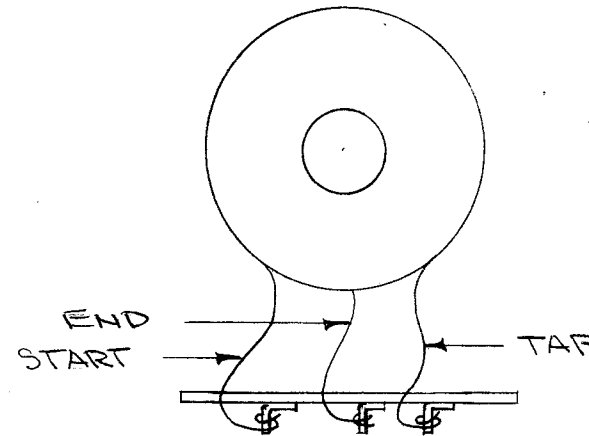


- * L_{0-1} 32-34 mhy.
- * L_{0-2} 42.5-44.5 mhy.
- * Q 20 OR GREATER
- ΔR_{0-2} 9.5-11.5 OHMS

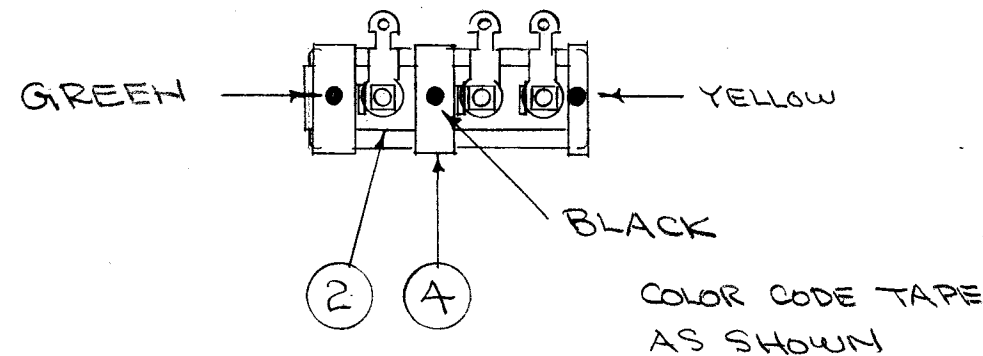
TEST DATA

- * GENERAL RADIO IMP. BRIDGE TYPE 650A OR EQUIV.
- Δ SIMPSON OHMETER MODEL 260 OR EQUIVALENT

TAPE TERMINAL STRIP TO COIL. MAKE SOLDER CONNECTIONS AS BELOW. (TO SHORT LUG.)



NOTE POSITION OF LUGS



AFTER CONNECTIONS - BEND SHORT PART OF LUG OVER AS ABOVE.

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REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL							
X	6	GL-110	COMPOUND, POTTING								
X	5	BS-100	SOLDER, SOFT								
X	4	TA-102-1	TAPE								
X	3	WI-123-30	WIRE, # 30 FORMEX								
1	2	A-129A	TERM. STRIP ASSY								
1	1	CI-103-9	CORE								
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK											
STOCK SIZE											
MATERIAL											
COIL ASSY., 17 KC OSC. GSB-1											
TOLERANCES											
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	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		1	GSB-1	459	A-1301	5-18-56			###	JAO	###
									###	2B	A-1295 C

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	1	GREEN & BLACK REVERSED	9/2/56	3	###	P.L.X.	A.J.T.
B	2	L_{0-2} WAS 43.5-45.5 MH	8/21/56	2	###	P.L.X.	A.J.T.
A	1	ITEM 6 ADDED	7/18/56	1	###	JAO	###