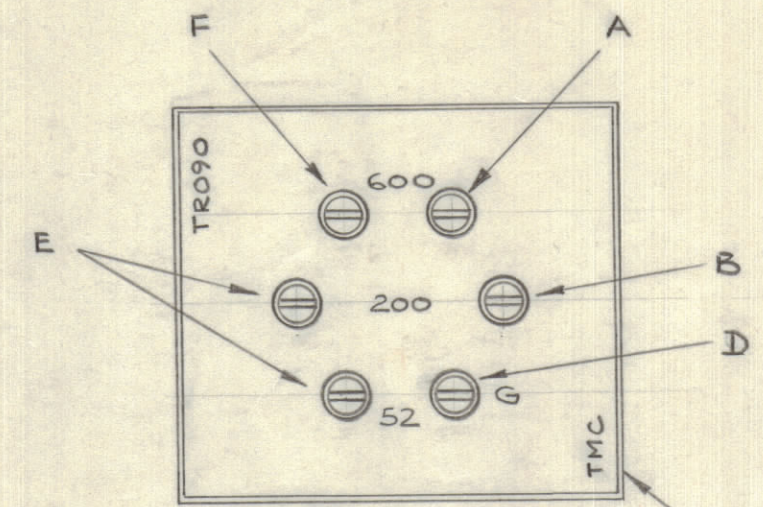
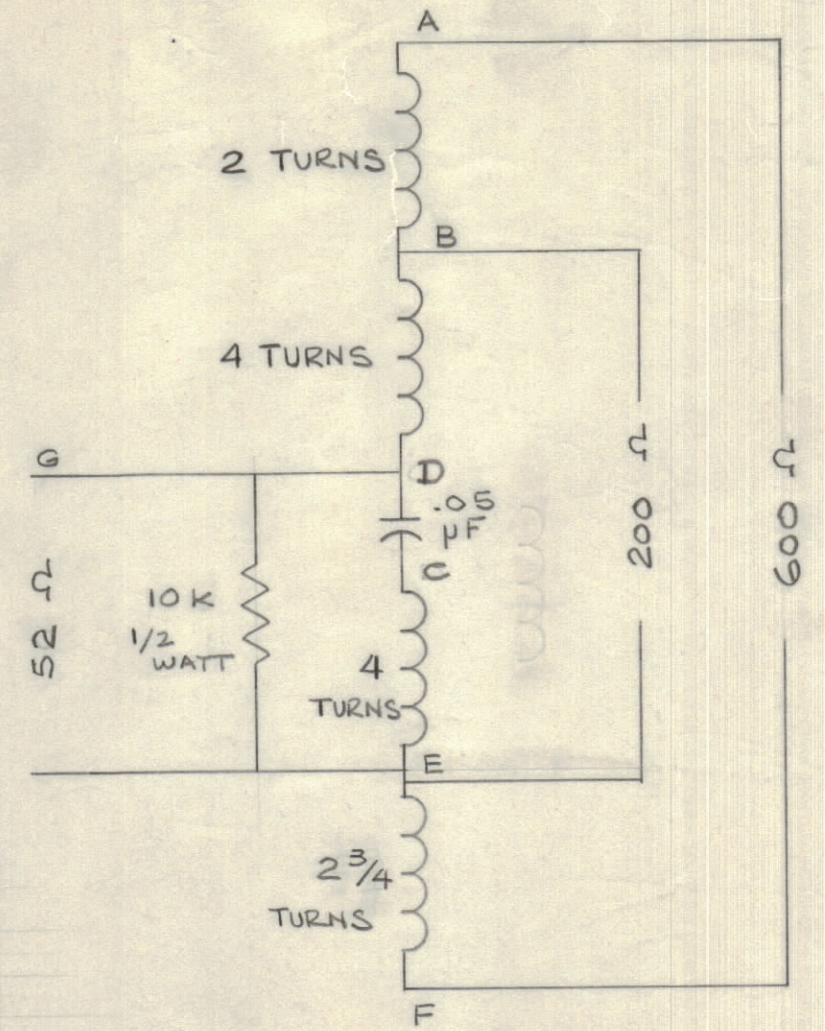


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.							
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
C		REDRAWN & REDESIGNED	APRIL 27/61	221	RPL	[Signature]	[Signature]
D		REVISED PER CEMH	MAY 3/70	849	[Signature]	[Signature]	[Signature]
E		ITEM 2 WAS CI10010-1	10/12-75	21285	GDL	CL	CL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	BX10009-1	CASE	
1	2	CI104	CORE	
1	3	CF10012	FORMER, COIL	
1	4	CC10006-1	CAPACITOR, FIXED	
1	5	RC20GF103J	RESISTOR, FIXED	
AR	6	GL10003	ARALDITE, HOT POTTING (OR EQUIV.)	
AR	7	WL100-6	WIRE, BUSS	
AR	8	WI122-30	WIRE, ELECT. MAGNET	
AR	9	TA10001-1	TAPE, MASKING	
AR	10	GL103	GLUE	
AR	11	BS100	SOLDER, SOFT	



NOT TO BE RELEASED  
W/O AUTHORIZATION  
AUTH. BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

NOTES

- 1: START TO WIND ITEM 8, OVER ITEM 2 AS PER FIG 1
- 2: WHEN THE SIXTH TURN HAS BEEN COMPLETED WRAP A BIT OF TAPE (ITEM 9) AROUND THE WIRE ABOUT 1/4 INCH FROM CORE BEFORE TWISTING WIRE FOR TAP. (THIS TAP WILL LATER BE CUT TO FORM LEADS (C AND D)).
- 3: COMPLETE WINDING AS PER FIGURE 1.
- 4: COVER WINDINGS WITH DUCCO CEMENT (ITEM 10) MAKE SURE ALL WINDINGS ARE COMPLETELY COVERED
- 5: BAKE FOR 10 MINUTES AT 120° F
- 6: CUT THE SECOND TAP ON THE SIDE OF THE TAPE AWAY FROM THE CORE
- 7: SOLDER THE TWO LEADS OF TAPS 1 & 3 AS NEAR THE CORE AS POSSIBLE (DO NOT SOLDER C & D TOGETHER)
- 8: MOUNT THE CORE USING WIRE (ITEM 7) AND PHENOLIC MOUNT (ITEM 3) USING ENOUGH TAPE AROUND THE MOUNT TO FIT THE CORE SECURELY. (LEADS A, B, C & D SHOULD FACE 52 OHM TERMINALS)
- 9: SOLDER THE RESISTOR (ITEM 5) AND CAPACITOR (ITEM 4) INTO POSITION (SEE FIGURES 2 & 3)
- 10: CONNECT LEADS AS PER FIG 2 KEEPING LEADS AS SHORT AS POSSIBLE.
- 11: TEST PER S1421, BEFORE AND AFTER POTTING

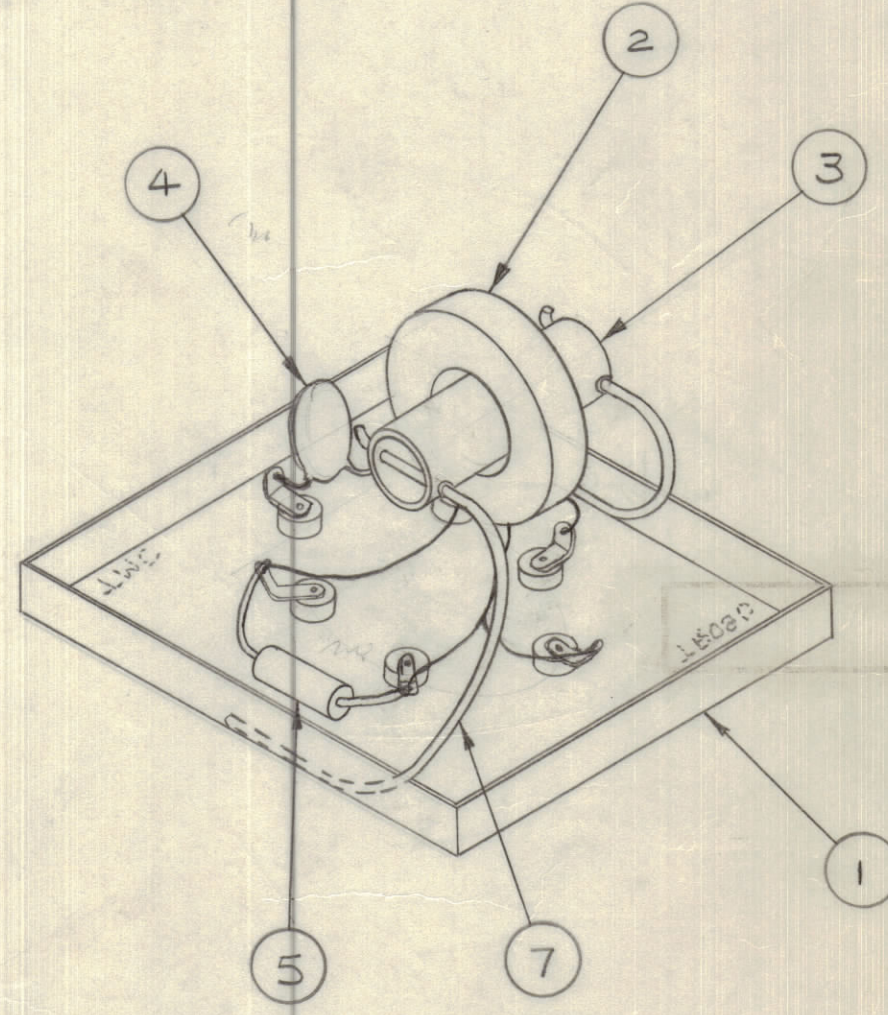
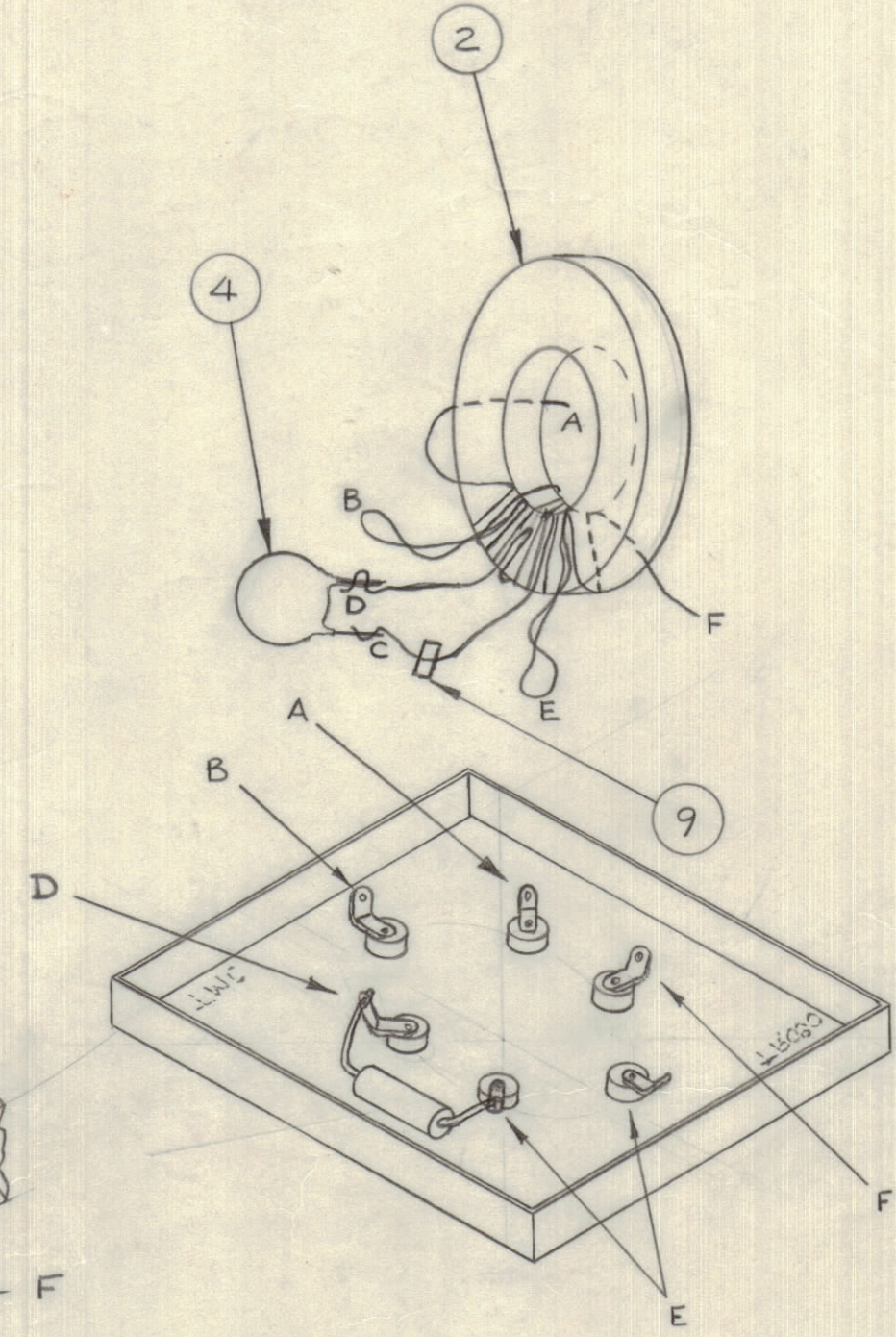
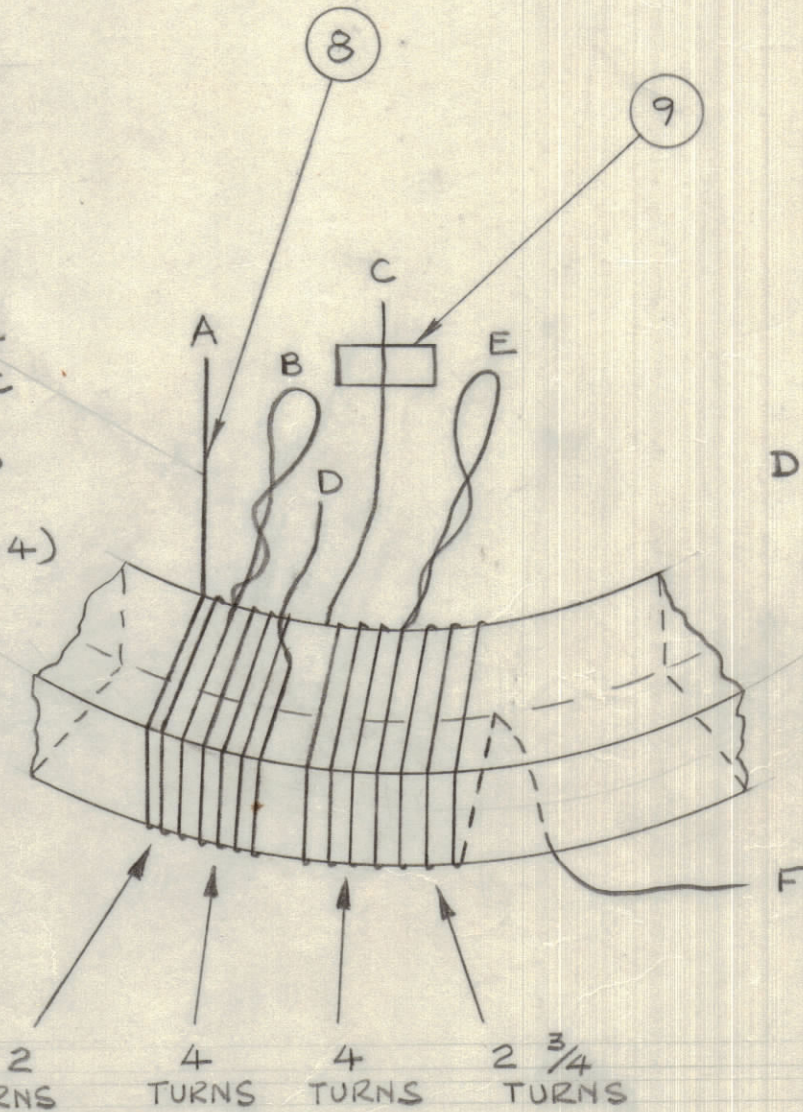


FIGURE 1

FIGURE 2  
WIRING DETAIL

FIGURE 3  
MOUNTING DETAIL

TOLERANCES	SCALE: NTS.
ALL OTHERS	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

TRO90	E2570	JUNE 13/61
MODEL	PROJECT NO.	DATE

STOCK SIZE		TMC (Canada) LIMITED	
MATERIAL		OTTAWA ONTARIO	
WEIGHT PER PC.		TRANSFORMER RF	
TYPE & TEMPER		TRO90	
AT TREAT. SPEC.		J.P.C.	R.W.G.
		DRAWN	ELEC. DES. APP.
		J.C.	D.V.C.
		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		A10324 E	