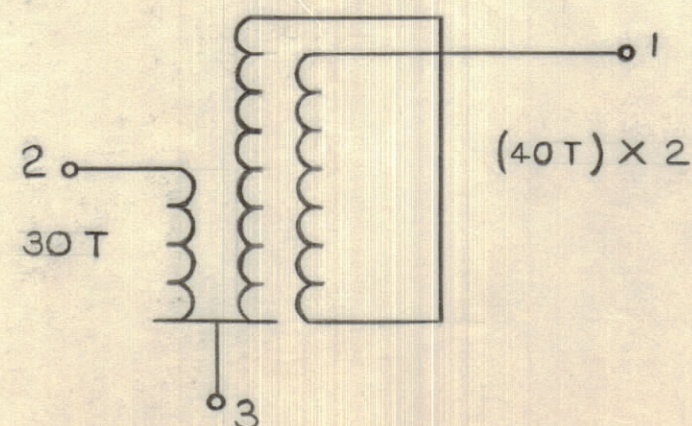


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.							
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
0		REL TO PROD.	14/6/67		AP		

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
AR 1	WI-122-30		MAGNET WIRE	
AR 2	WI-148-34-25		MAG. WIRE BIFILAR	
I 3	CI-10010-1		FERRITE CORE	
I 4	CF-10012		CORE MOUNT PHENOLIC	
I 5	BX-120		CASE	
AR 6	WL-100-16		WIRE PHENOLIC MOUNTING	
AR 7	BS-100-16		SOLDER SOFT	
AR 8	TA-105		MASKING TAPE	
AR 9	GL-104-2		INSULEX U-85	
AR 10	GL-10003		ARALDITE POTTING	

NOTES

- WIND PRIMARY 30 TURNS OF MAGNET WIRE (ITEM 1) DISTRIBUTED OVER CORE (ITEM 3) AS PER FIG. 1.
- OVER PRIMARY WIND 40 TURNS OF BIFILAR WIRE (ITEM 2) DISTRIBUTED OVER CORE AS PER FIG. 2 (WINDING SHOULD START & FINISH NEAR START & FINISH OF PRIMARY).
- IT MAY BE NECESSARY TO TACK WINDINGS WITH A SMALL AMOUNT OF FAST DRYING CEMENT. DIP CORE IN (ITEM 9) AND BAKE FOR 1/2 HRS. AT 125°C
- SPLIT THE START AND FINISH OF BIFILAR WIRE (ENAMEL STRIPPER MAY BE USEFUL).
- SOLDER RED START OF SECONDARY TO GREEN FINISH OF SECONDARY. CLIP THIS LEAD SHORT (1/2").
- SOLDER GREEN START OF SECONDARY TO START OF PRIMARY. (THIS WILL GO TO PIN. 3)
- MOUNT AS PER FIG. 4 USE ENOUGH TAPE (ITEM 8) TO BUILD UP MOUNT (ITEM 4) TO FIT CORE SNUGLY.
- CONNECT FINISH PRIMARY TO PIN 2.
- CONNECT RED FINISH OF SECONDARY TO PIN 1.
- CONNECT GREEN START OF SECONDARY AND START PRIMARY TO PIN 3.
- TEST AS PER S-10141 BEFORE AND AFTER POTTING.



SCHEMATIC

WINDING

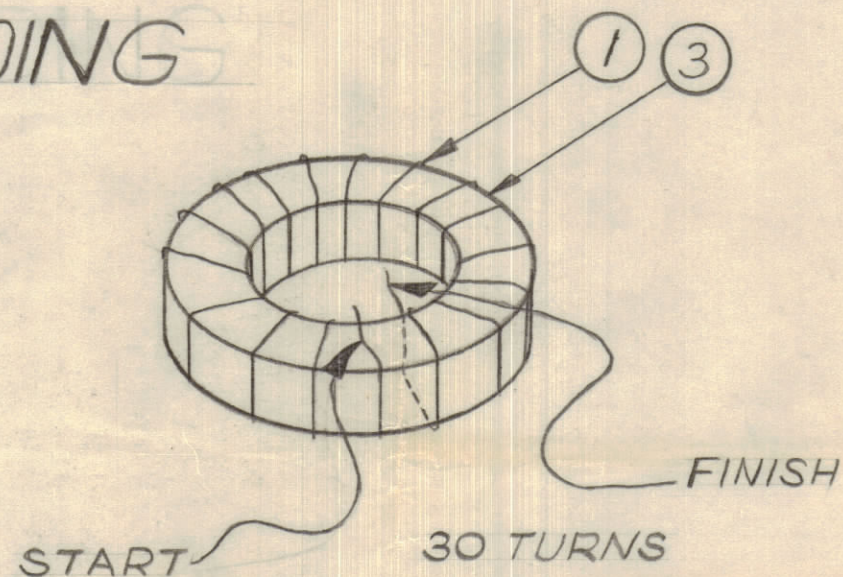


FIG. 1

PRIMARY

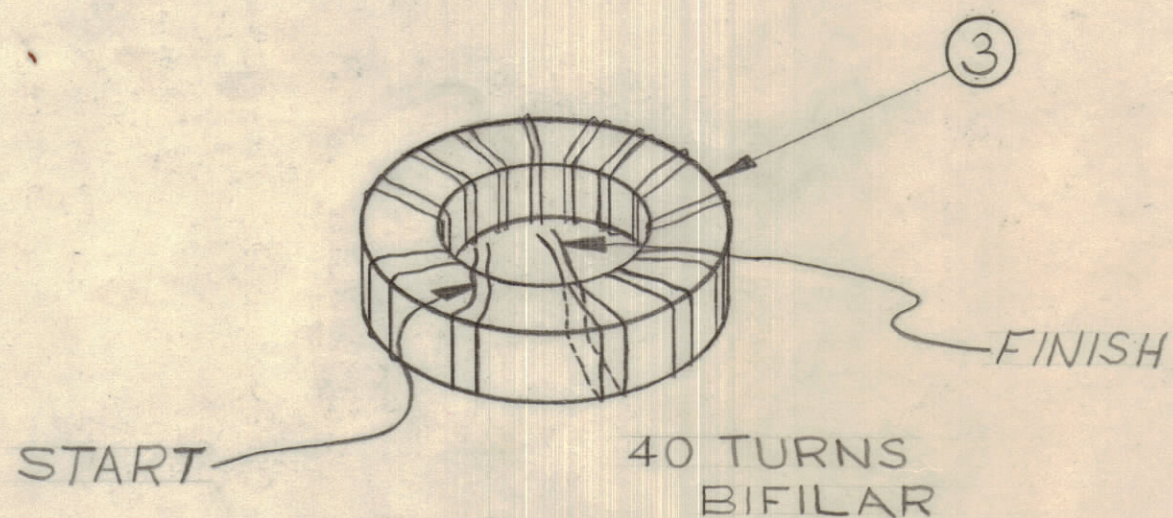
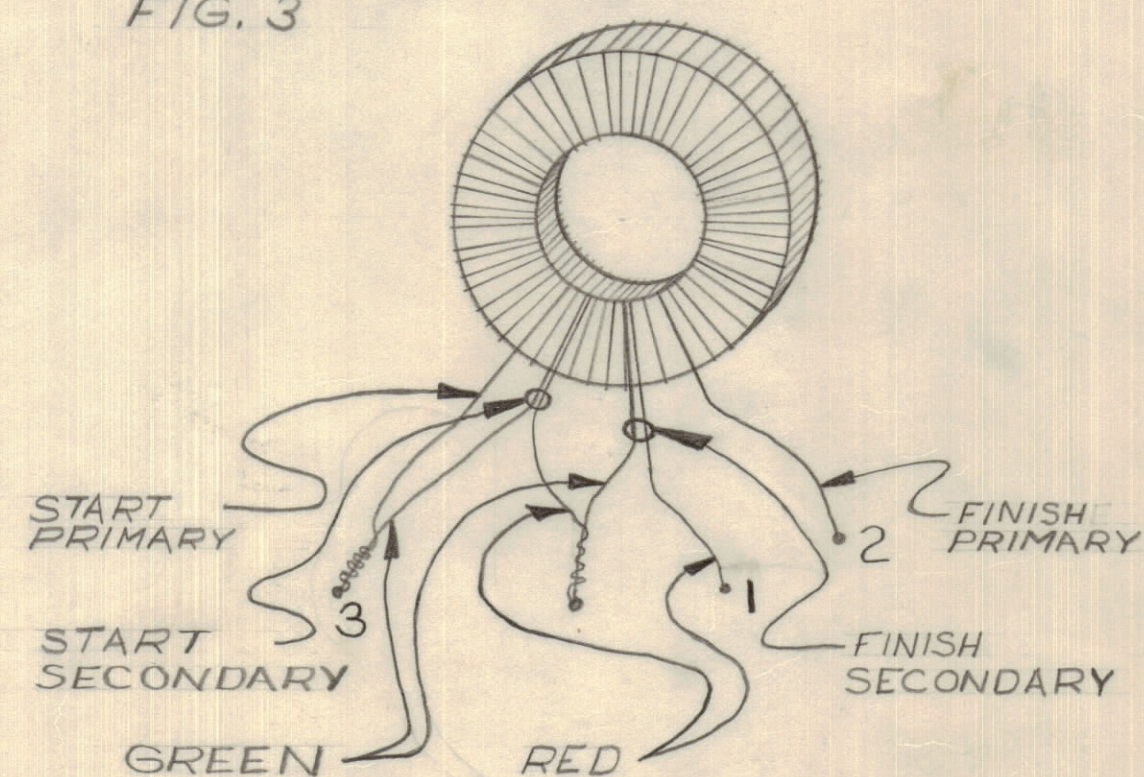


FIG. 2

SECONDARY

FIG. 3



CONNECTIONS

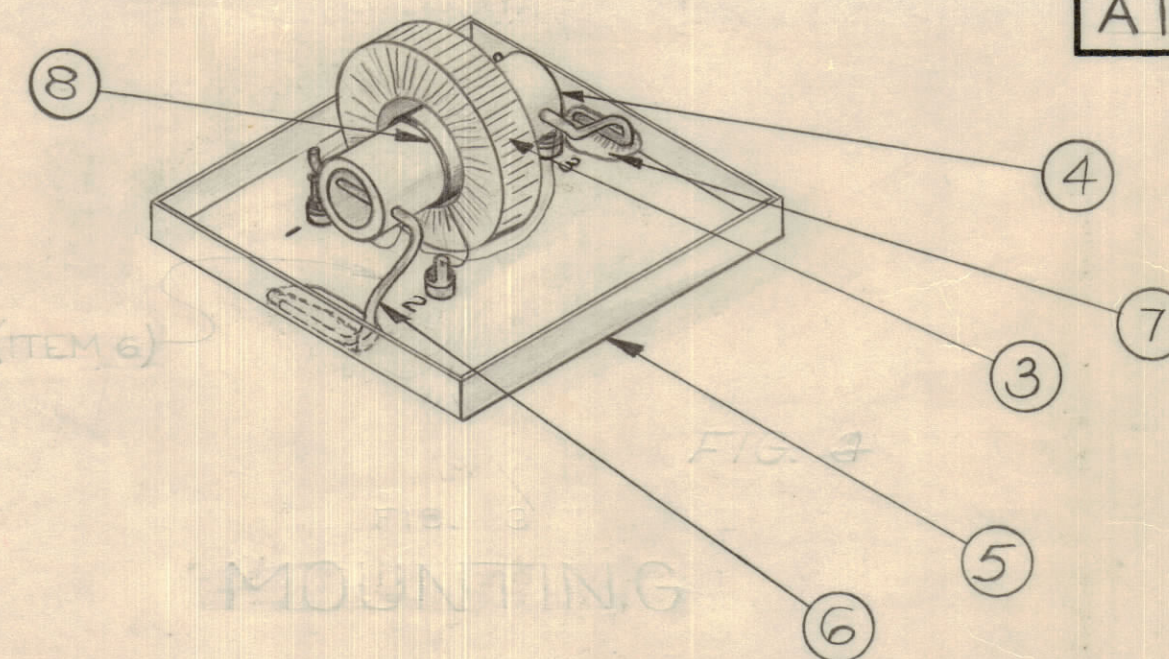


FIG. 4

MOUNTING

A10618 0

REF. DWG. TR093

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		TRANSFORMER	
WEIGHT PER PC.		RF TR093	
TYPE & TEMPER		AP	
DRAWN		ELEC. DES. APP.	MECH. DES. APP.
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		A10618 0	

TR093	066/67	30/6/67
MODEL	PROJECT NO.	DATE

TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.