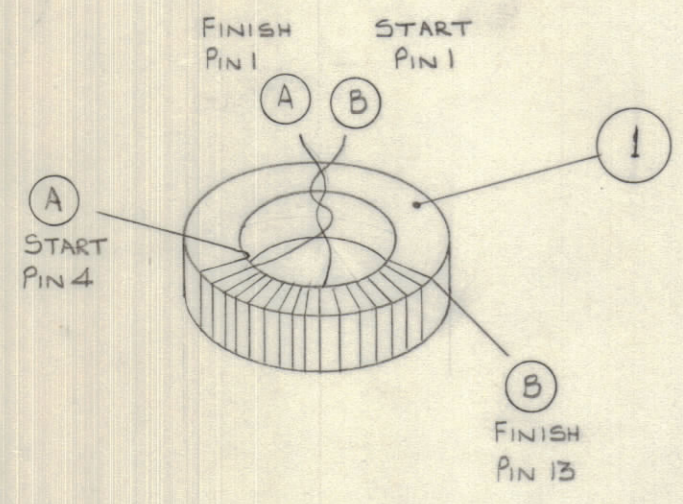


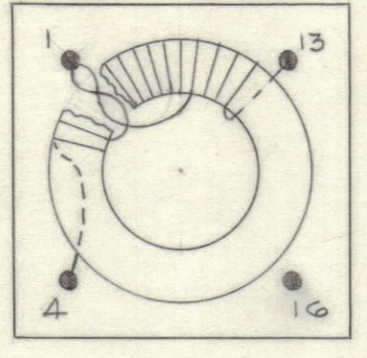
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.						DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.							
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
Φ		PRODUCTION RELEASE	FEB 71		GCT	<i>[Signature]</i>	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI 10010-1	CORE	
AR	2	WI 123-28	WIRE ELECT MAGNET	
AR	3	GL 104-2	INSULATING VARNISH	
1	4	BP 10005	HEADER	
1	5	BP 10006-1	SHELL	
AR	6	GL 10005	POTTING COMPOUND	
1	7	NP 10157	NAMEPLATE	

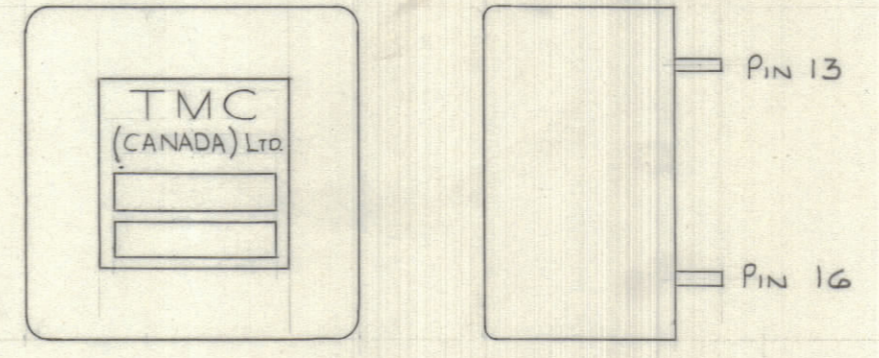
STAGE 1.



STAGE 2



STAGE 3



- 1.1 DIP CORE IN ITEM 3 AND BAKE FOR ONE HOUR AT 125°C AND COOL AT -20°C FOR ONE HOUR.
- 1.2 WIND 2 WIRES A ≠ B USING ITEM 2 TOGETHER ON THE CORE FOR 4 TURNS
- 1.3 CONNECT THE START END OF WIRE 'B' TO THE FINISH END OF WIRE A AS SHOWN
- 1.4 CONTINUE TO WIND WIRE B FOR ANOTHER 6 TURNS
- 1.5 DIP COIL IN ITEM THREE AND BAKE FOR ONE HOUR AT 125°C AND COOL AT -20°C FOR ONE HOUR
- 1.6 TEST.

- 2.1 MOUNT TOROID ON HEADER (ITEM 4) AND CONNECT WIRES AS SHOWN.
- 2.2 TEST TRANSFORMER AS PER TMC SPEC S10187

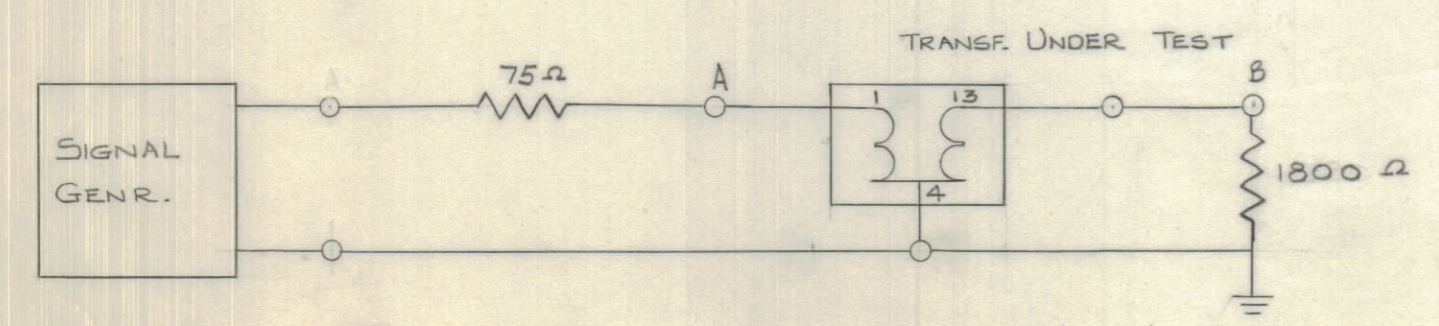
- 3.1 ASSEMBLE SHELL (ITEM 5) TO HEADER AND POT USING ITEM 6
- 3.2 AFFIX T.M.C. NAMEPLATE (ITEM 7) AS SHOWN.

TR 10007 Φ

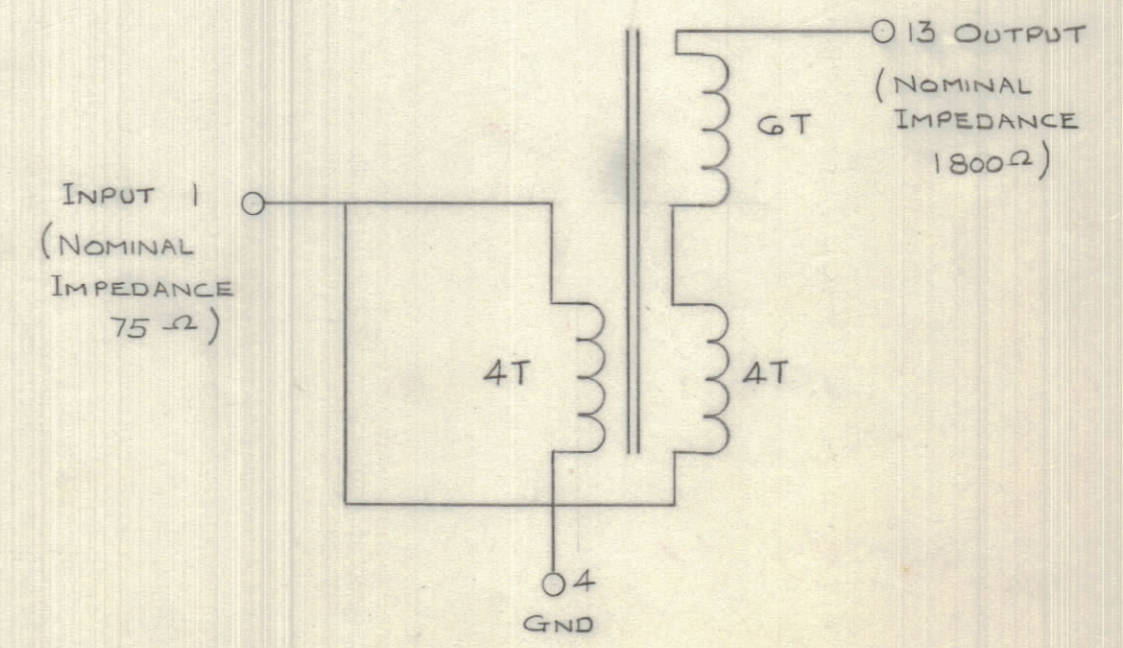
ELECTRICAL SPECIFICATION

AT 2 MHZ THE VOLTAGE RATIO A TO B SHOULD BE 1:2.0 ±.2  
 AT 12 MHZ THE VOLTAGE RATIO A TO B SHOULD BE 1:0.7 ±.2

SET FREQUENCY SPECIFIED AND CONNECT OUTPUT OF SIGNAL GENERATOR TO POINT 'A' THEN MEASURE THE VOLTAGE AT POINT 'B' THE VOLTAGE RATIO 'A' TO 'B' SHALL BE WITHIN THE LIMITS SHOWN.



SCHEMATIC



TOLERANCES		SCALE:
DEC. DIM. ± .05	.XX*.01	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
FRAC. DIM. ± 1/64	.XXX*.008	
ANGULAR DIM. ± 0° 30'		

MTR 100A	074-71		
MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON			

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL WEIGHT PER PC.			
TYPE & TEMPER		TRANSFORMER R.F.	
DRAWN		ELEC. DES. APP.	
CHECKED		MECH. DES. APP.	
HEAT TREAT. SPEC.		FINAL APPROVAL	
FINISH & SPEC. NO.		TR 10007 Φ	