

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.
A	1	ITEMS (C) WAS BY-197 (B) WAS A-1151	6-5-63	9133			
	2	ADDED ASSY NOTES, STEP 1, 2.					

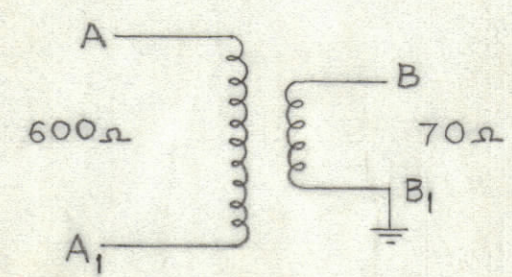
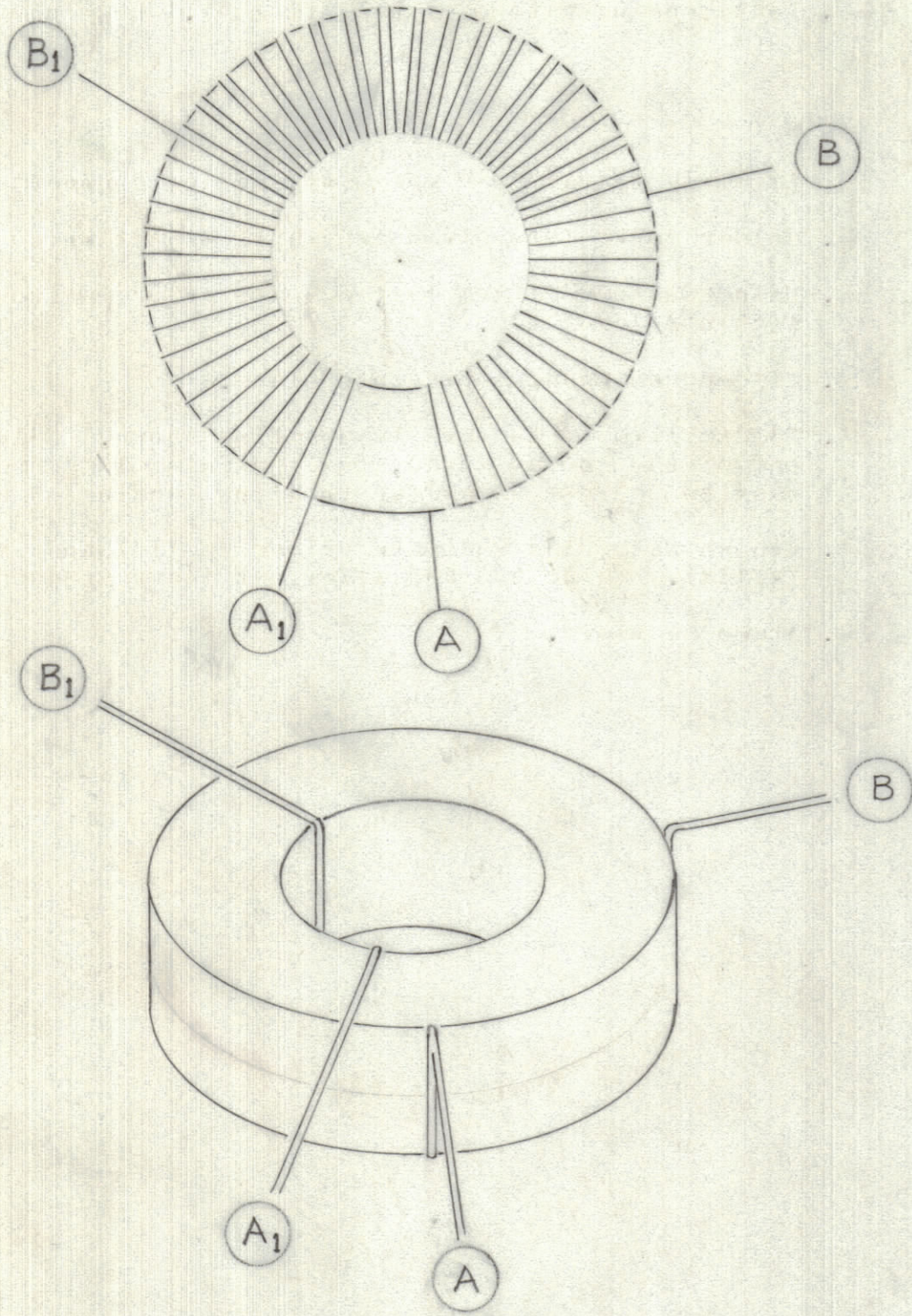
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI-10001-3	CORE, 3C TOROIDAL	
A.R.	2	WI-10001-11	WIRE #30 D.C.C.	
A.R.	3	GL-10001	CEMENT, RADIO SERVICE	
1	4	CF-10012	FORM, COIL MOUNTING	
A.R.	5	TA-10001-1	'TUCK' TAPE	
1	6	BX-202	CASE AND COVER ASS'Y	
1	7	SCBP0632BN4	SCREW, MACHINE	
1	8	NTH0632BN8	NUT, HEX	
1	9	TE-104-2	SOLDER LUG	
A.R.	10	WL-100-4	WIRE, #16 TINNED	
A.R.	11	BS-100	SOLDER	
A.R.	12	GL-10002	COMPOUND, POTTING	
1	13	CA-409-88-2.25	GROUND STRAP ASS'Y	

STEP 1

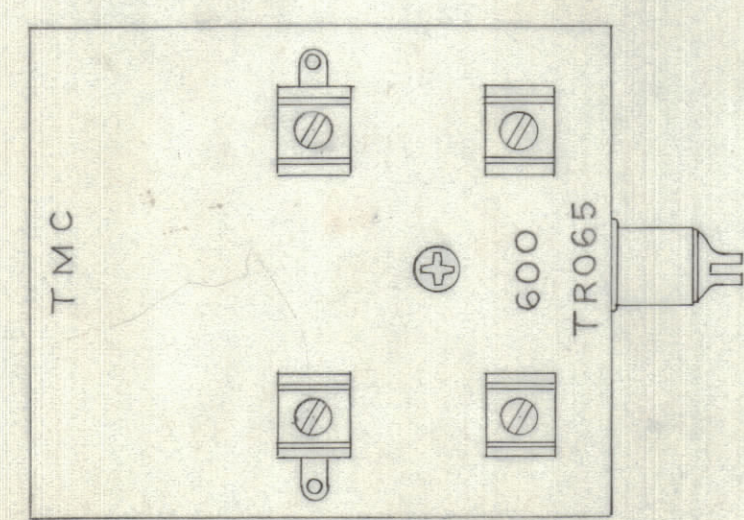
- Commence winding with a single conductor (#30 D.C.C.), securing the conductor at "A" with GL-10001 (Item 3). Close wind 16 full turns.
- At "B," add a second conductor (#30 D.C.C.) and secure as shown. Wind second conductor bifilar with first conductor for 17 full turns.
- Bring out the end of the second conductor and secure as shown at B₁.
- Continue winding first conductor for an additional 17 turns ending at A₁, making a total of 50 turns with the first conductor from A to A₁.
- Coat winding with GL-10001 (Item 3). Dry in oven.

STEP 2

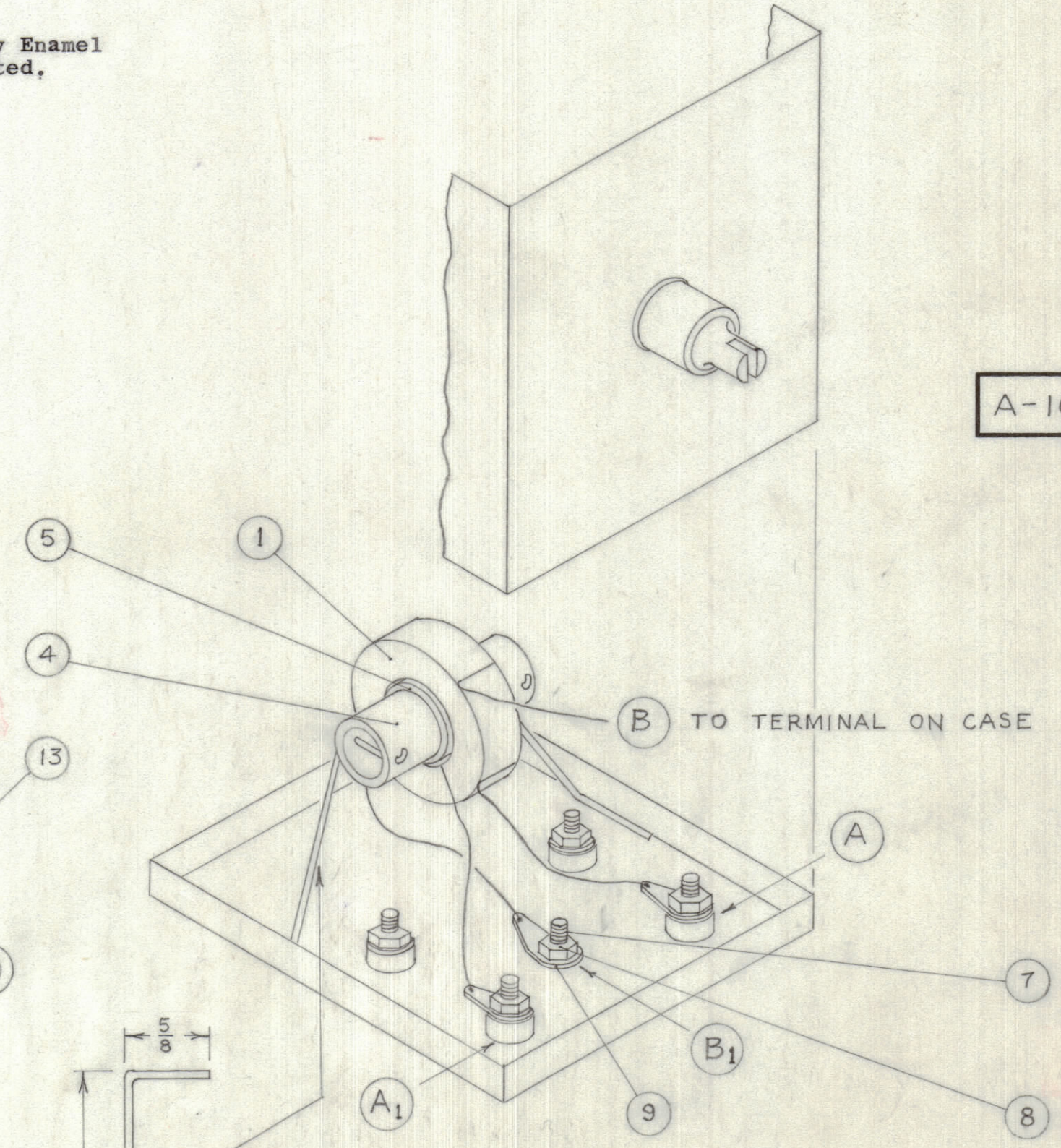
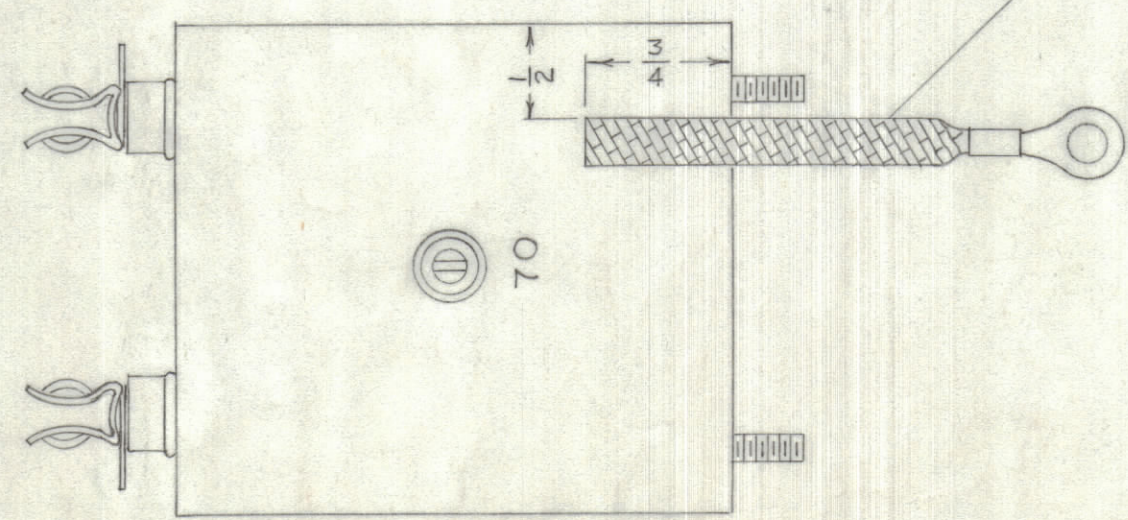
- Assemble transformer on cover, making connections as shown.
- Solder cover into place and make connection to terminal on case.
- Using GL-10002 (Item 12), prepare according to S-10072 and pot to within 3/4" of top.
- Solder remaining cover into place.
- Solder Item 13 to case in position shown. Solder only 1/2" at the end of the ground strap, the remaining 1/4" from the bottom of the case to be free of solder to allow bending of strap.
- Finish with Zinc Chromate Primer (S-114) and Smooth Gray Enamel (S-115). Paint top and sides but leave stud end unpainted.
- Stamp as shown.



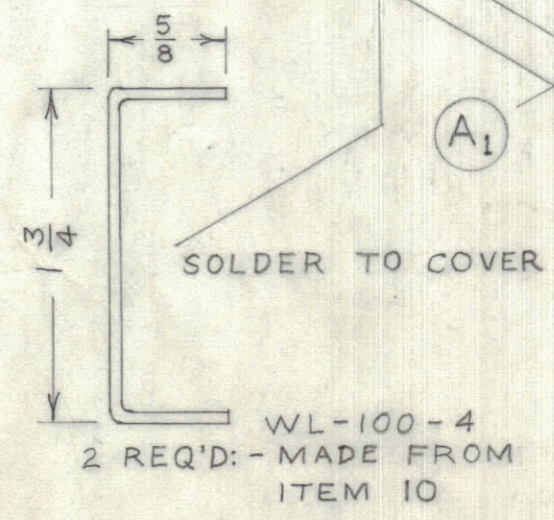
NOTE: TEST SPECIFICATION S-10082 APPLIES.



STAMPING TO BE 1/8" HIGH, BLACK GOTHIC, AS SHOWN



A-10340 A



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

RAC-43	AX-381-	FEB 26/63
MODEL	PROJECT NO.	DATE

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		TRANSFORMER ASSEMBLY	
WEIGHT PER FC.		TR-065	
TYPE & TEMPER		DRAWN	ELEC. DES. APP. MECH. DES. APP.
HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL
FINISH & SPEC. NO.		A-10340 A	