

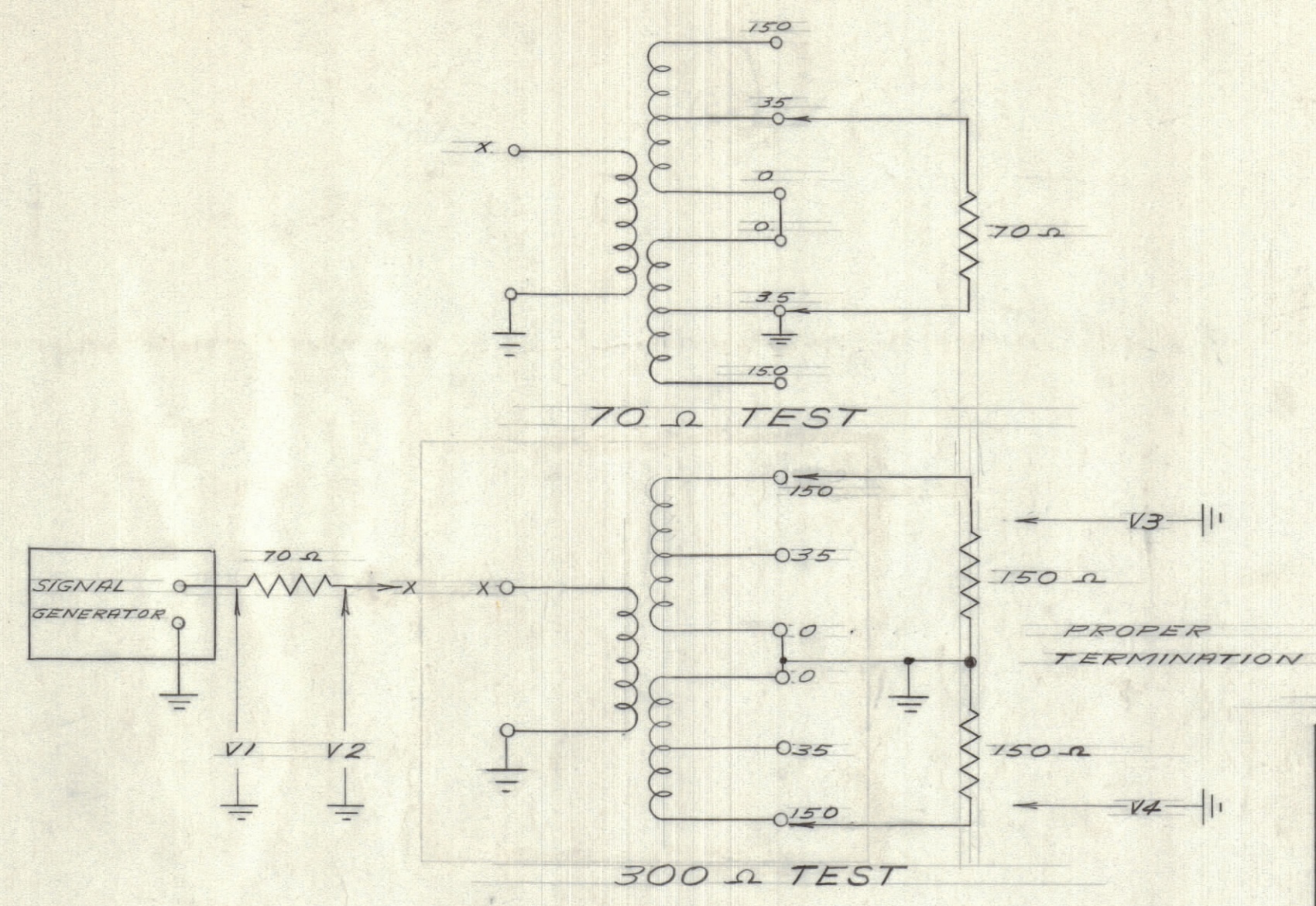
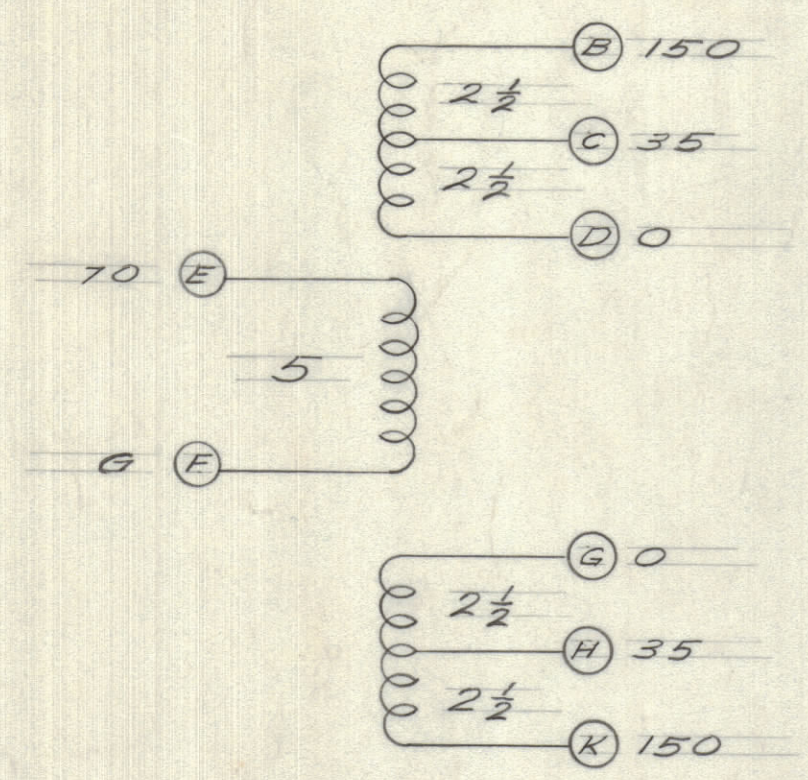
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

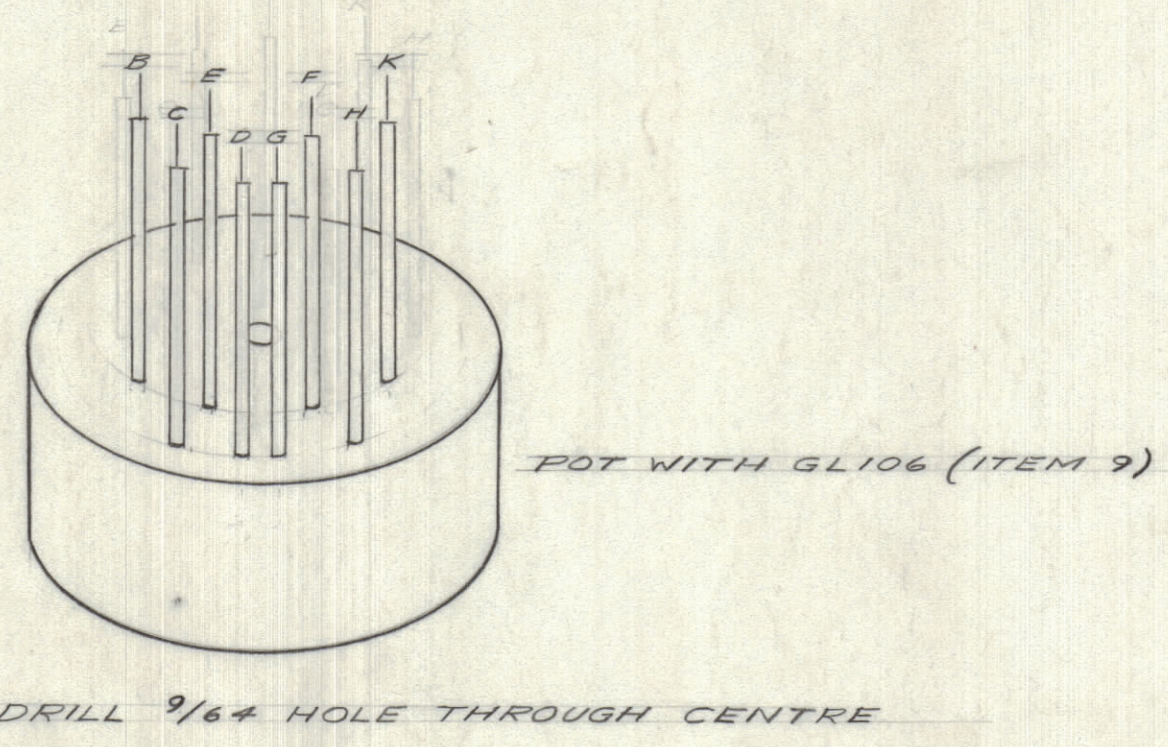
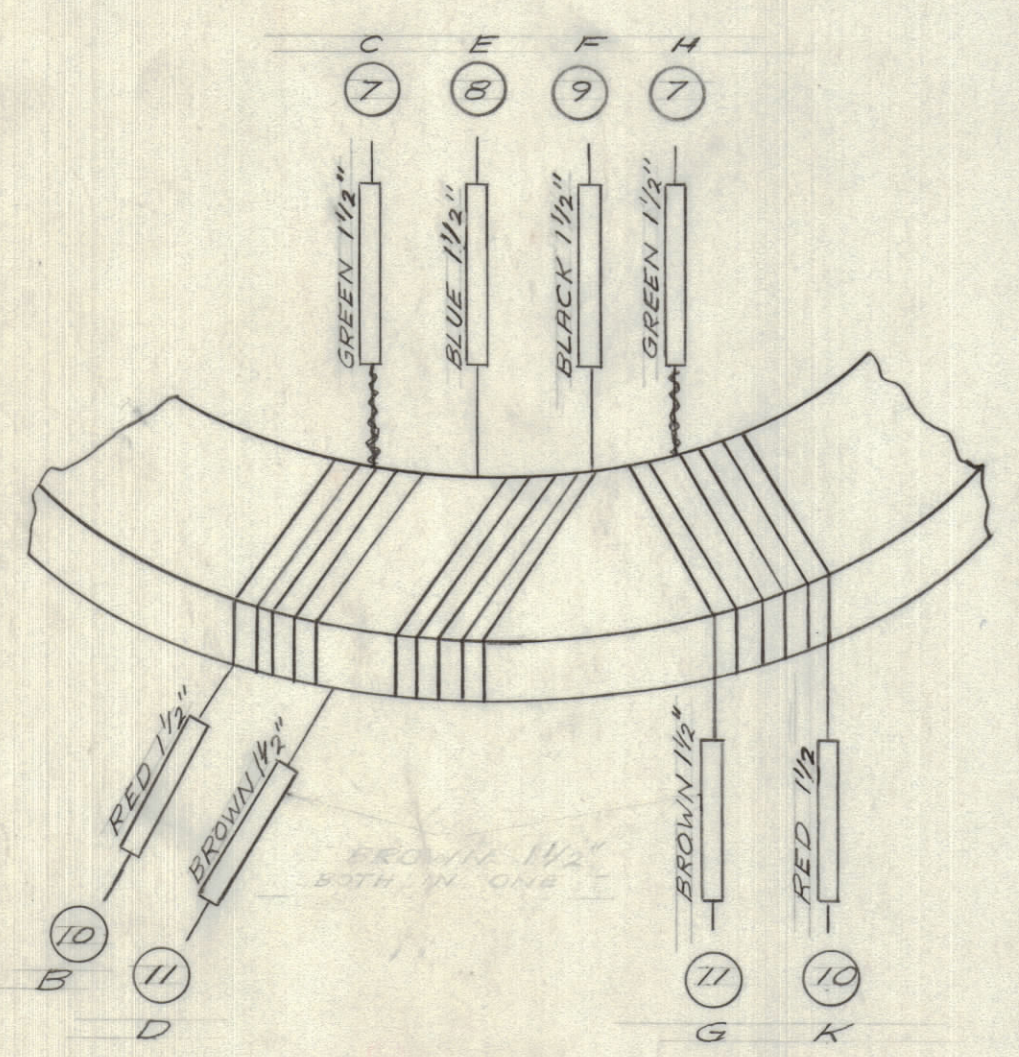
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI-104	CORE	
AR 2	PX104-2-.034		INSULATION SLEEVING (YELL)	
AR 3	PX104-4-.034		INSULATION SLEEVING (GRN)	
AR 4	PX104-6-.034		INSULATION SLEEVING (BLUE)	
AR 5	PX104-1-.034		INSULATION SLEEVING (BLK)	
AR 6	PX104-3-.034		INSULATION SLEEVING (RED)	
AR 7	PX104-5-.034		INSULATION SLEEVING (BRN)	
AR 8	BS-100		SOLDER SOFT	
AR 9	GL-106		COMPOUND PLASTIC, RED	
AR 10	WI-102-9		MAGNET WIRE	



TYPICAL TEST FIGURES

TERMINATION	FMC	V1	V2	V3	V4
70	2	1.0	.478	.28	.2
	8	1.0	.525	.262	.187
	32	1.0	.78	.165	.145
300	2	1.0	.455	.525	.435
	8	1.0	.502	.495	.415
	32	1.0	.8	.31	.285

A10353 0



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

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
			24-9-64

TMC (Canada) LIMITED OTTAWA ONTARIO			
ASSEMBLY TRO77X			
STOCK SIZE			
MATERIAL	WEIGHT PER PC.		
TYPE & TEMPER	RD	KA	MECH. DES. APP.
HEAT TREAT. SPEC.	CHECKED		FINAL APPROVAL
FINISH & SPEC. NO.	A10353 0		

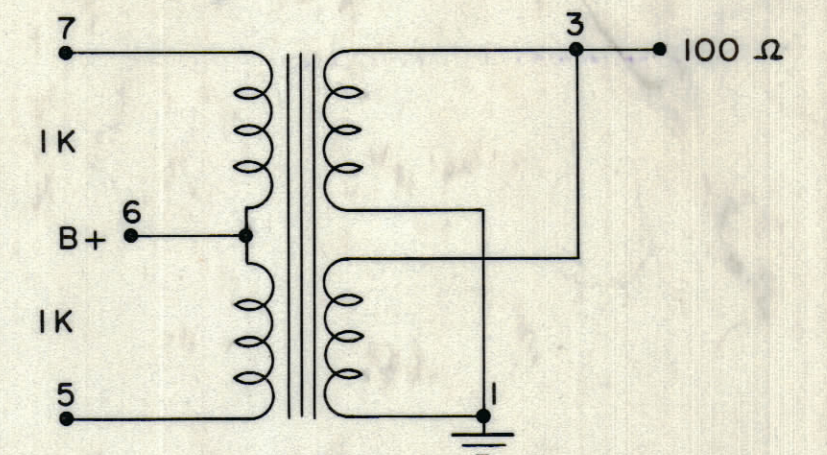
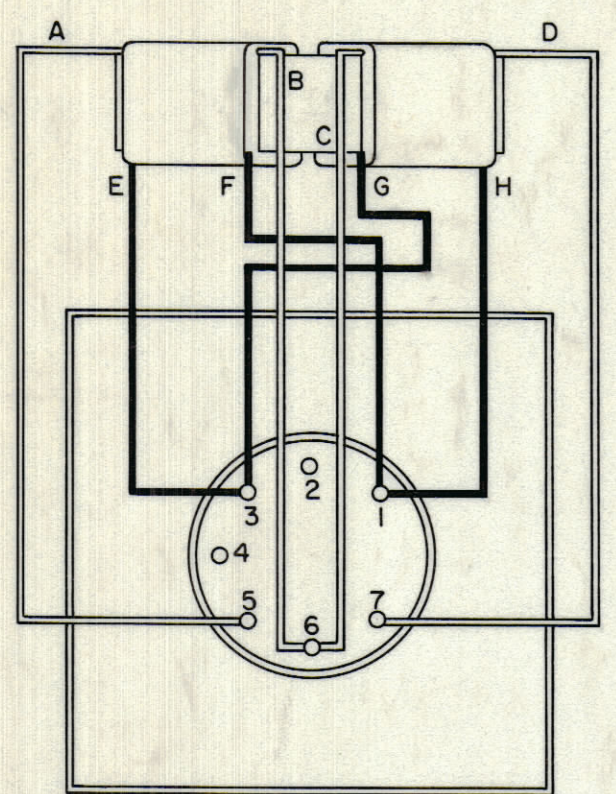
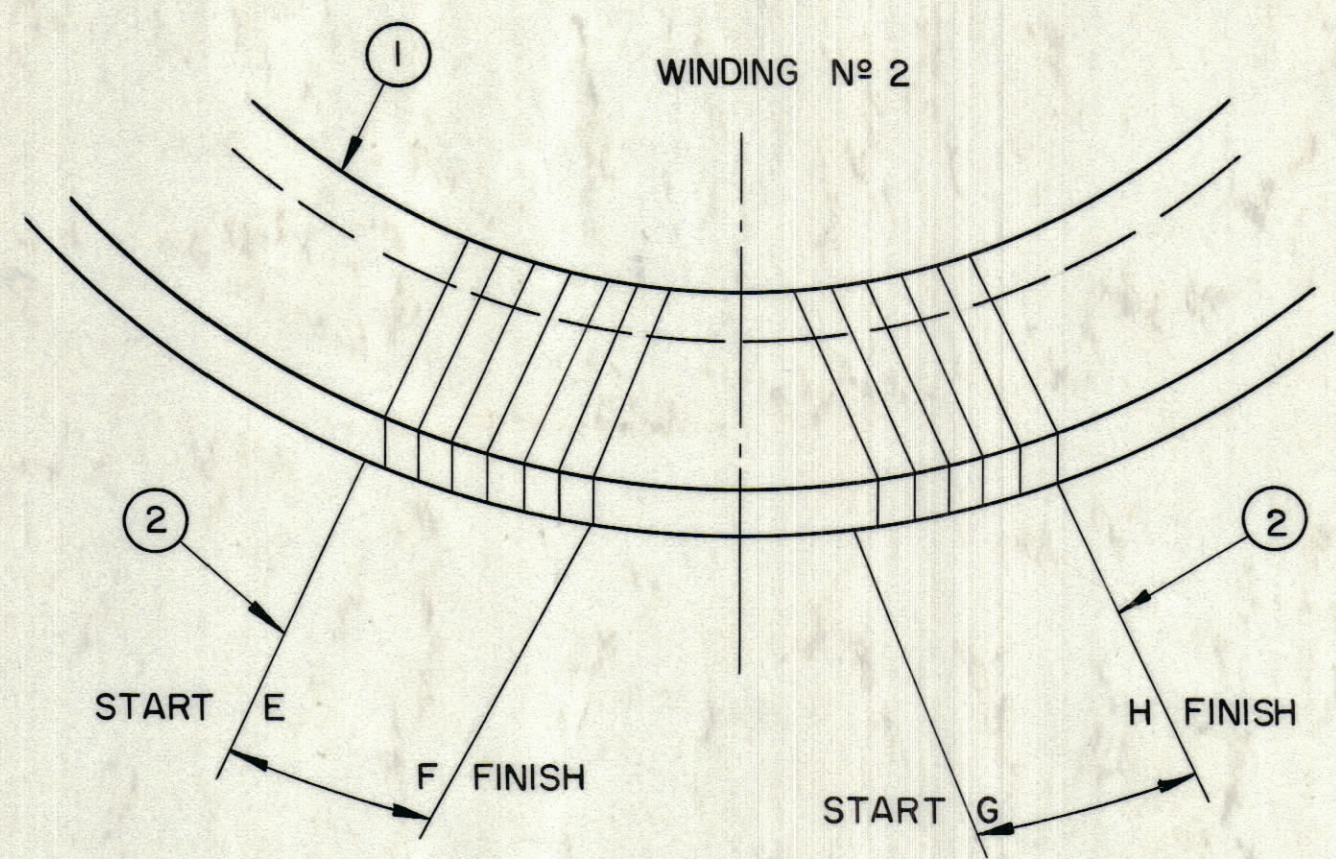
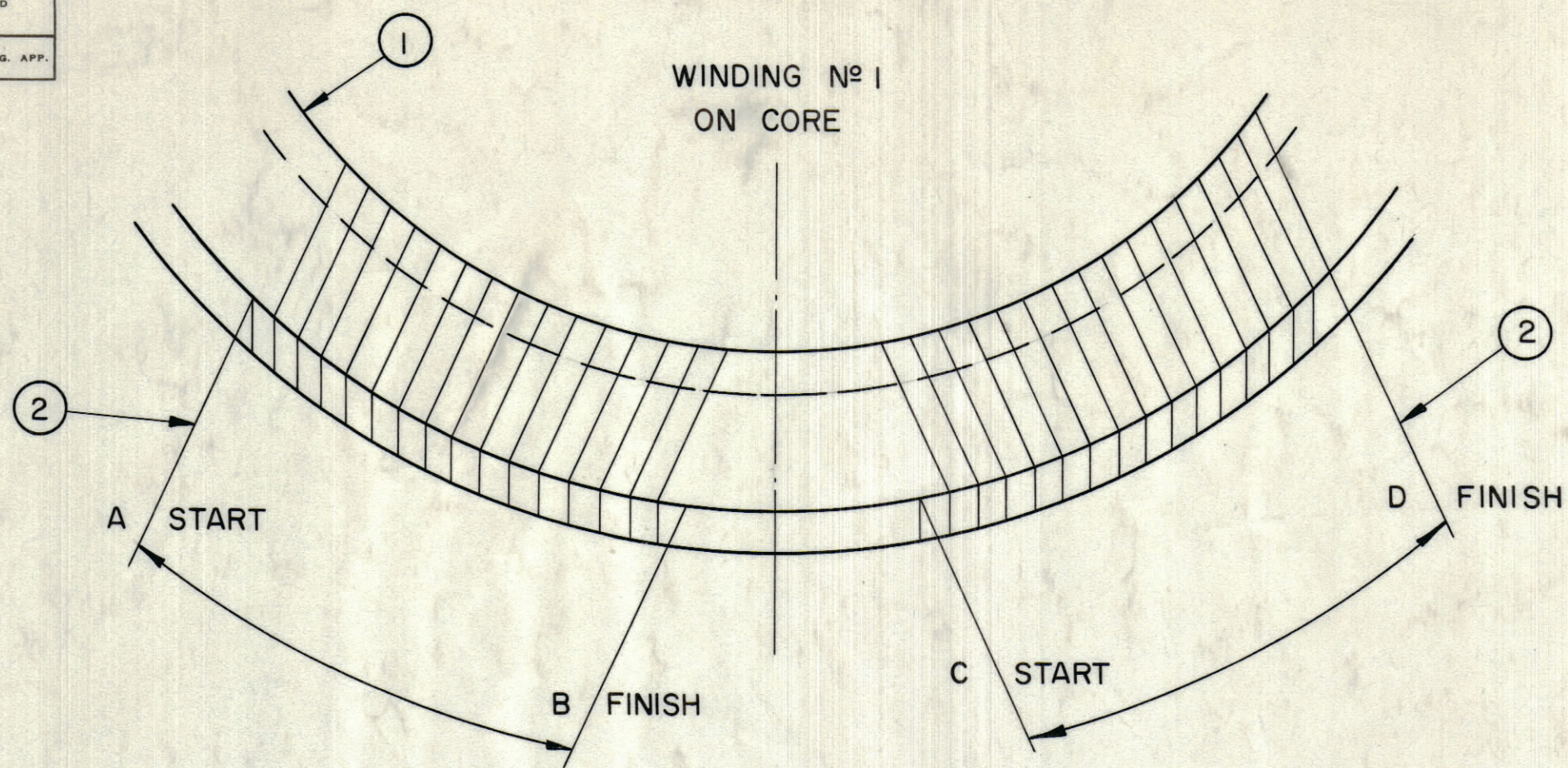
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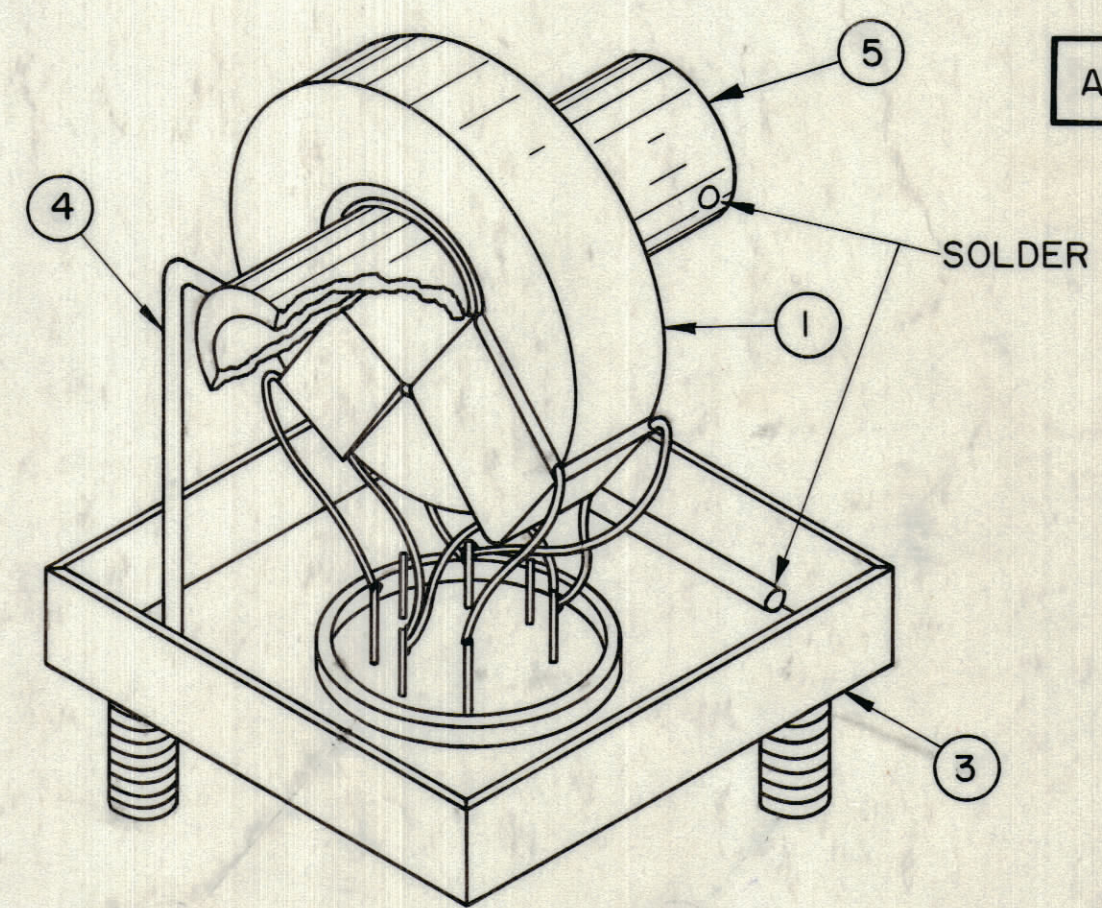
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ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI 10001-3	CORE - 3C	
AR	2	WI 10007-1	WIRE N° 30	
1	3	BX 10015	CASE, TRANSFORMER	
2	4	MS 10259	STABILIZER	
1	5	CF 10012	FORM, COIL MOUNTING	
AR	6	GL 10003	ARALDITE HOT POTTING	
AR	7	TA 10001-1	TAPE, 3/8" WIDE TUCK # 50	
AR	8	TA 103-2	TAPE, MYLAR, 3/8" WIDE	



SCHEMATIC TR077



A 10 353 ∅

1. WIND TWO LAYERS OF MASKING TAPE ON CORE FOR EACH WINDING, ENSURE THAT TAPE IS TRUE TO CENTRE OF CORE. THE TWO WINDS OF TAPE SHOULD BE APPROXIMATELY 80° RELATIVE TO EACH OTHER & CLOSE TOGETHER ON THE INSIDE OF THE CORE.
2. WIND 16 3/4 TURNS ANTICLOCKWISE TO THE RIGHT. SECURE WINDING, APPLY "Q" DOPE & ALLOW TO DRY. PULL BACK START & FINISH OF WINDING TO TOP FRONT EDGE OF THE CORE.
3. WIND ON TWO LAYERS OF CLEAR MYLAR TAPE.
4. WIND 7 3/4 TURNS ANTICLOCKWISE TO THE RIGHT, ENSURING THAT THE TURN NEAREST THE CENTRE OF THE TWO SECTIONS IS LAID EXACTLY ABOVE THE CORRESPONDING END TURN OF OF THE BOTTOM WINDING, & THAT ALL WINDINGS ARE PARALLEL TO THE TURNS OF THE BOTTOM WINDING. SECURE WINDING, APPLY "Q" DOPE & ALLOW TO DRY. PULL BACK START & FINISH OF BOTTOM WINDING TO BOTTOM FRONT EDGE OF CORE.
5. WIND ON TWO LAYERS MASKING TAPE. APPLY "Q" DOPE LIBERALLY TO SIDES OF WINDING & OVER TAPE.
6. 2, 3, 4 & 5 IS APPLICABLE TO BOTH L.H. & R.H. WINDINGS.

TEST SPEC: S10099

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

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
AMC 20	020/66		16-8-65

USED ON

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		ASSEMBLY OF TR077	
WEIGHT PER PC.		DRAWN: <i>Hes</i> ELEC. DES. APP. <i>BC</i> MECH. DES. APP. <i>BC</i>	
TYPE & TEMPER.		CHECKED: <i>Hes</i> FINAL APPROV. <i>Hes</i>	
HEAT TREAT. SPEC.		FINISH & SPEC. NO. A10353 ∅	