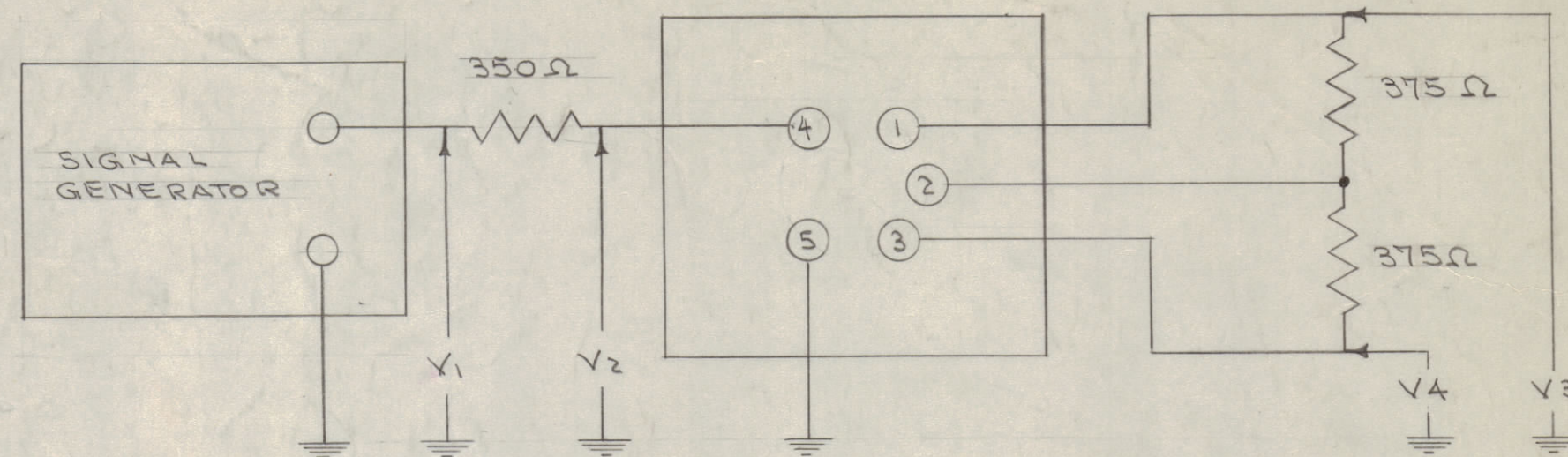


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

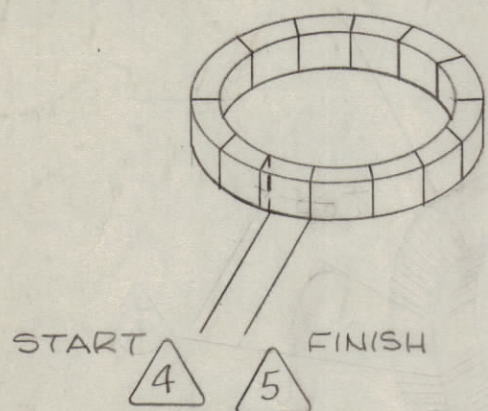
TEST PROCEDURE



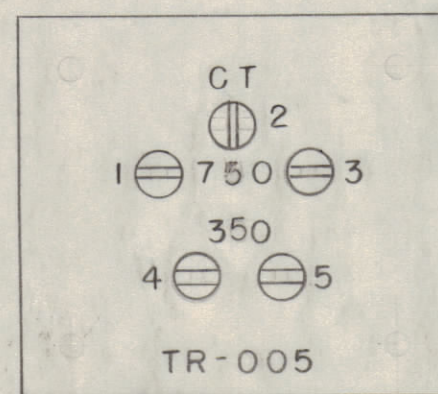
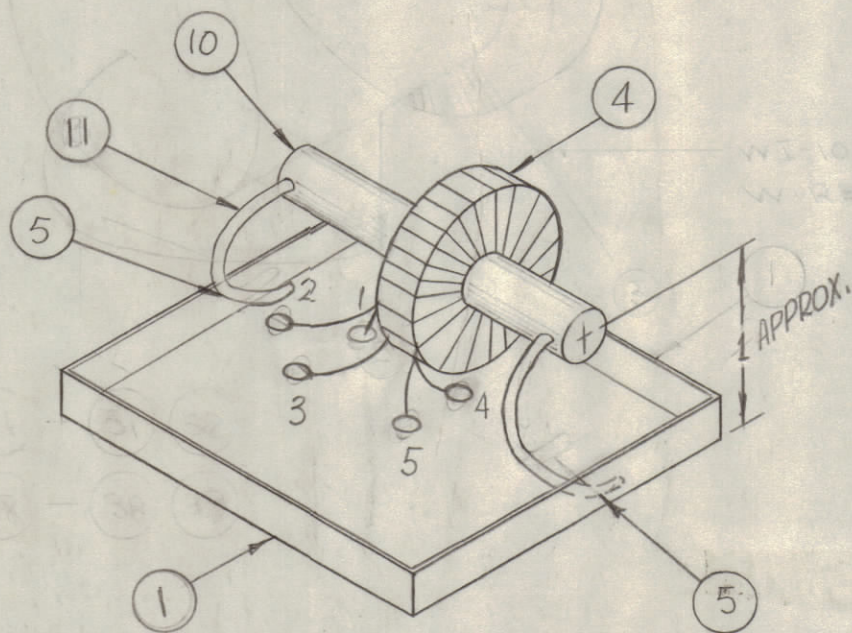
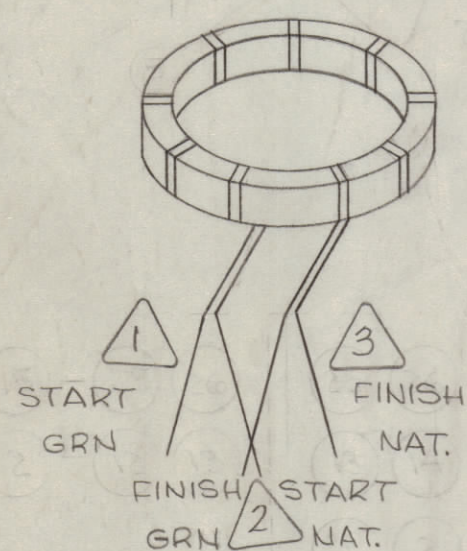
ASSEMBLY PROCEDURES

- A - WIND 22 TURNS ITEM 8 OVER ITEM 4.
- B - WIND OVER PRIMARY 16 TURNS ITEM 9 AS SHOWN.
- C - SPLIT BOTH END OF ITEM 9.
- D - SOLDER, FINISH GREEN, TO START NATURAL.
- E - MOUNT CORE WITH ITEM 10 & 11 AS SHOWN.
- F - CONNECT LEADS TO TERMINALS OF SAME NUMBER.
- G - COVER WINDING WITH ITEM 6 AND BAKE 95°C FOR 1/2 HR.
- H - TEST BEFORE AND AFTER POTTING.

WINDING OF PRIMARY



WINDING OF SECONDARY

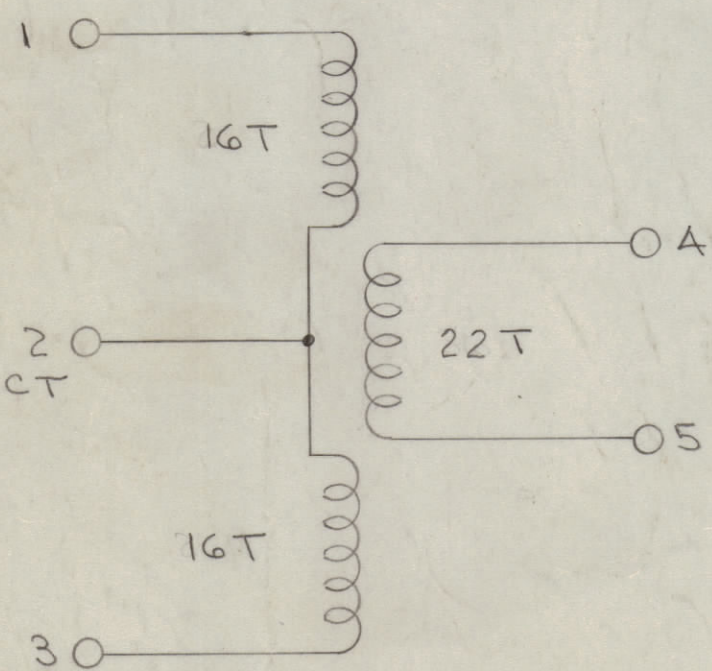


METAL STAMP BEFORE PAINTING.  
1/8 BLACK STAMP AFTER "

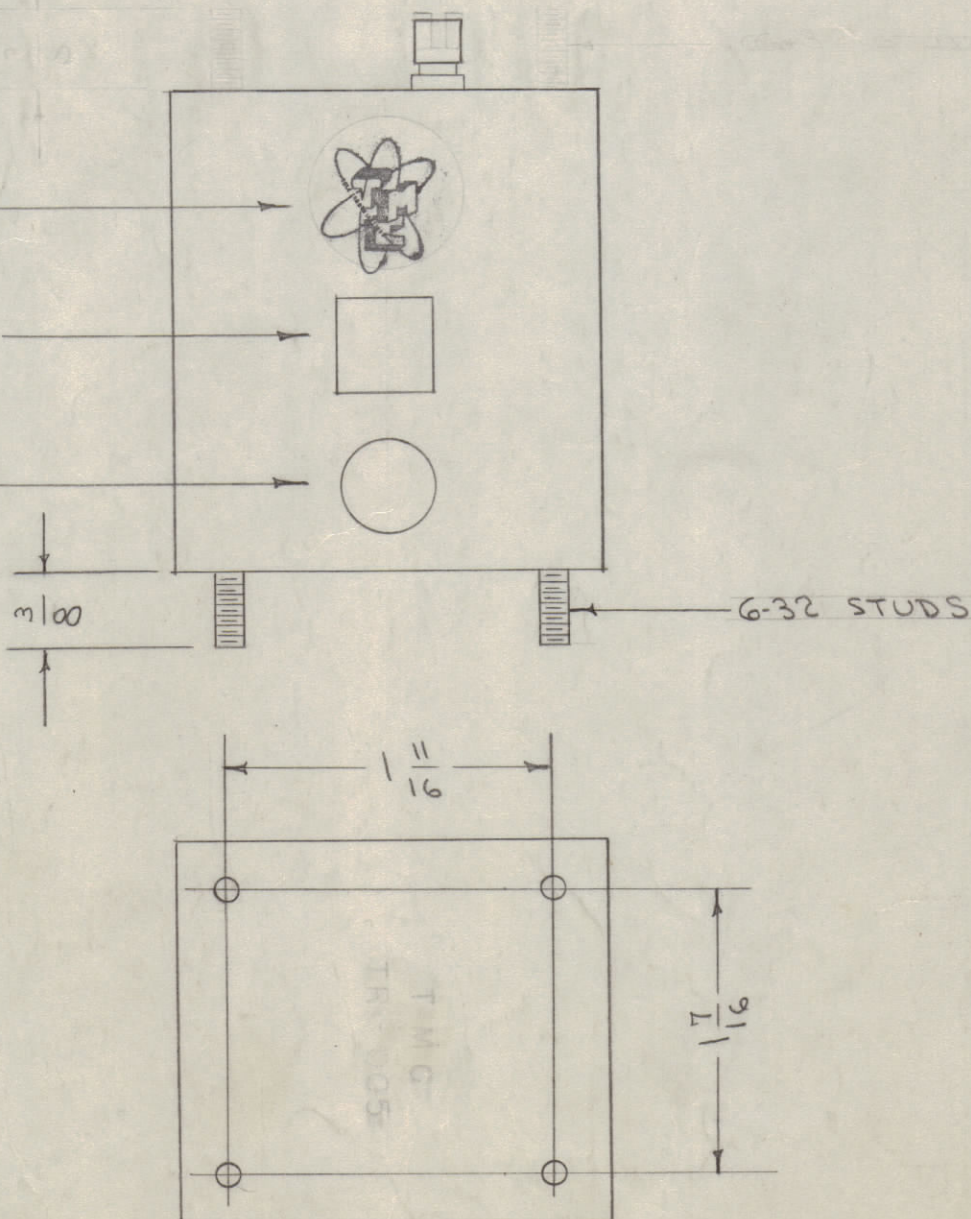
FREQ CHART

freq.	V1	V2	V3	V4
100 Kc.	1.0	.50	.365	.365
400 Kc.	1.0	.50	.365	.365
1600 Kc.	1.0	.50	.365	.365

HEATHKIT VTVM. TOLERANCE ± 10%



TMC INSIGNIA STAMP  
INSPECTION STAMP  
APPROVAL STAMP



A-659 F

NOT TO BE RELEASED W/O AUTHORIZATION

AUTH. BY \_\_\_\_\_  
DATE: \_\_\_\_\_

NOTE: FINISH

- S-114 ZINC CHROMATE PRIMER
- S-115 SMOOTH GRAY ENAMEL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	11	WL100-6	WIRE, BUSS-BAR #20	
1	10	CF10012	PHENOLIC CORE MOUNT	
X	9	WI-148-34-59	MAGNET, WIRE, BIFILAR	
X	8	WI-141-32-5	MAGNET, WIRE	
X	7	NP 117	TMC INSIGNIA	
X	6	GL-106	POTTING COMPOUND	
X	5	BS-100	SOLDER, SOFT	
1	4	CI-10010-1	CORE	
1	3	DELETED		
X	2	DELETED		
1	1	BX-118-1	CASE, TRANSFORMER	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
TRANSFORMER		
TR-005		
TYPE & TEMPER	CD3-5-3-54	
HEAT TREAT. SPEC.		
FINISH & SPEC. NO.		

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
F		PICT. COMPL REVISED B/U UPDATED	2/27/67	17849	4/40		E. COOK
E	1	ITEM 6 WAS GL-100	4/11/66	5	ESD		OMP
D	1	ITEM 7 WAS NP-139	5/1/65	4	ESD		OMP
C	1	S-101 DELETED	11/19/64	3	ESD		OMP
B	1	LUG POSITION CHAN.	10-13-59	2	P.B.		OMP
A	1	REVISED & REDRAWN	5/3/54	1	ESD		OMP

ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.
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REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE