

4

3

2

1

PRIMARY	TEST F	Q	L \pm 20%	SECONDARY	TEST F	L \pm 20%	Q
24 TURNS	790KHZ	>10	500 uh	24 TURNS	790KHZ	500 uh	>10

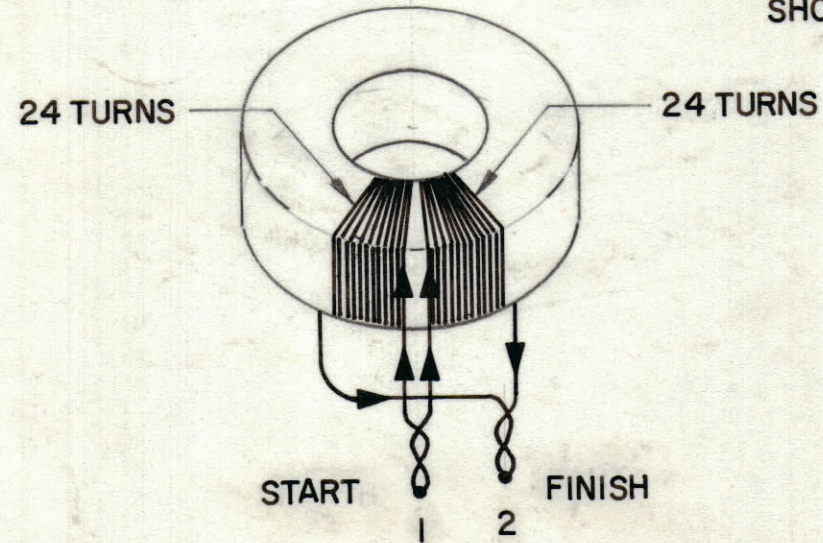
ELEC. NOTE INDUCTANCE & Q NOT CRITICAL ON THIS XFMR SINCE IT IS WOUND ON LOW FREQ MATL. TO PRODUCE A BROADBAND EFFECT

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
		ORIGINAL RELEASE FOR PRODUCTION	1/16/73		CL	
	A	ADD TERM. MARKING NOTE.	1-16-73	20979	GE	ES ES

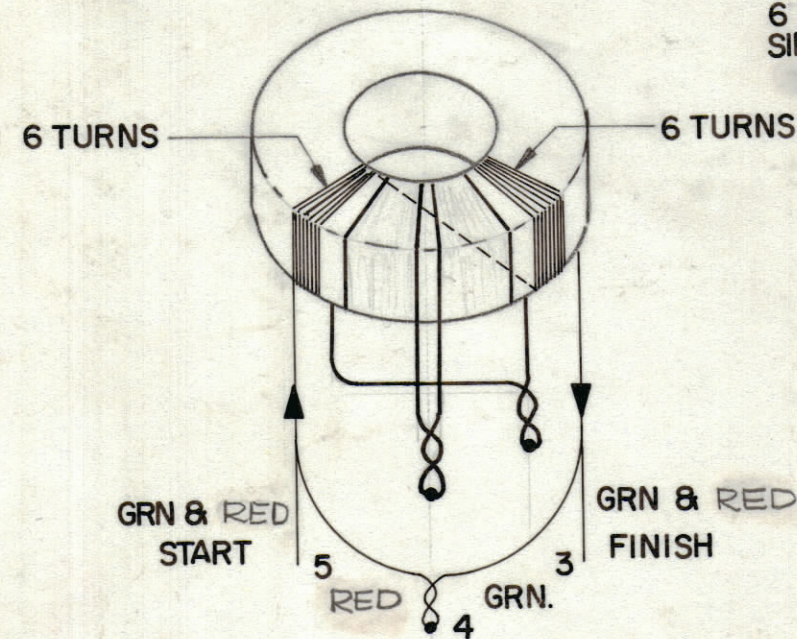
WINDING PROCEDURE

1. WIND ITEM 5 ON ITEM 1.
2. WIND PRIMARY IN THE DIRECTION AS SHOWN, TIGHTLY SPACED AS INDICATED WITHOUT OVERLAPPING TURNS, STEP A.
3. WIND SECONDARY IN SAME MANNER AS PRIMARY, WITHOUT OVERLAPPING TURNS STEP B.
4. SAND & CLEAN LEADS & TIN WITH ITEM 10.
5. STAKE LEADS SECURELY WITH ITEM 4.
6. SLIP SLEEVING OVER WIRE TO REQUIRED LENGTH AS SHOWN.
7. BAKE FOR 1/2 HOUR AT 180° F TO REMOVE MOISTURE.
8. COAT COIL & CORE WITH GL130 AND BAKE FOR 1/2 HOUR AT 150° F.
9. ELECTRICAL NOTE — INDUCTANCE AND Q NOT CRITICAL ON THIS XFMR SINCE IT IS WOUND ON LOW FREQ. MATL. TO PRODUCE A BROADBAND EFFECT.
10. SOLDER LEADS TO ITEMS 6 & 7 AND WRAP WITH ITEM 8 AS SHOWN. (STEP C)

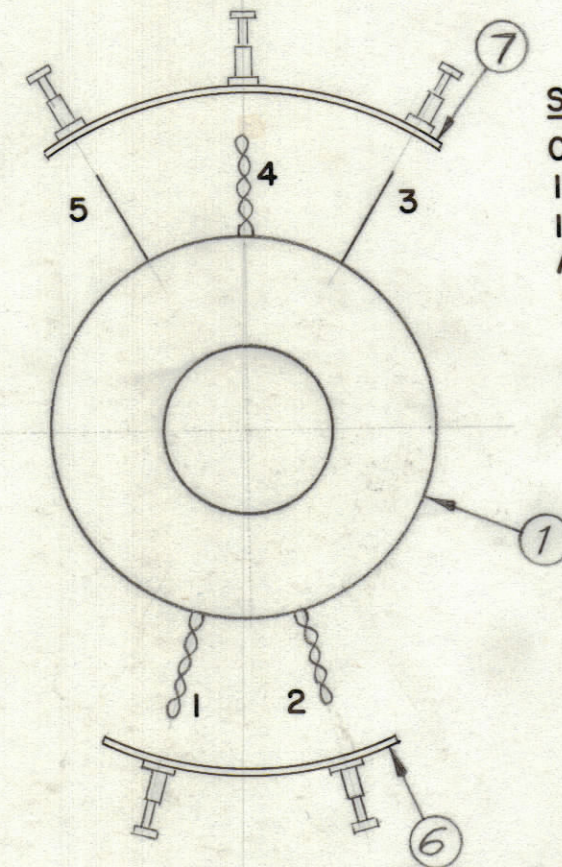
STEP A
PRIMARY WINDING DETAIL
24 TURNS EACH SIDE AS SHOWN. ITEM 2



STEP B
SECONDARY WINDING DETAIL
6 TURNS ITEM 3 EACH SIDE AS SHOWN. CONNECT RED START TO GREEN FINISH(4)



STEP C
CONNECT LEADS 5, 4, 3, TO ITEM 7 & LEADS 1, 2, TO ITEM 6 AS SHOWN THEN ATTACH TO ITEM 1.

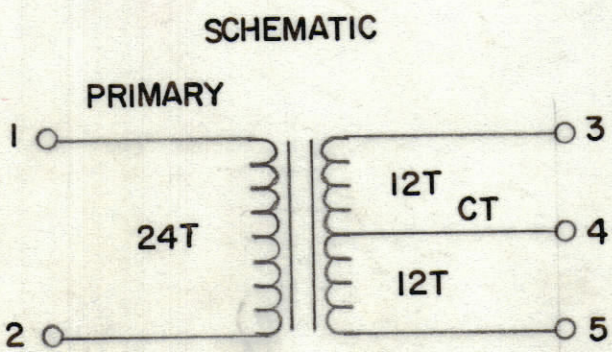


IMPORTANT: MARK TERMINAL NUMBERS AS SHOWN ON COMPLETED XFMR.

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	10	BS100	SOLDER TIN ALLOY	
1/4"	9	PX104-1.022	INS. SLVG. (#24)	
X	8	TA-102-2	TAPE PAPER	
1	7	A451	TERM STRIP ASSY.	
1	6	A450	TERM STRIP ASSY.	
X	5	TA108-1	INS. TAPE EL. GL.	
X	4	GL130	ADHESIVE Q DOPE	
X	3	WI148-34-25	WIRE BIFILAR	
X	2	WI120-11	WIRE. ELEC. MAGNET. HT.	
1	1	CI104	CORE, TOROID	

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

O. POSE		LIST OF MATERIAL	
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP.	
<i>[Signature]</i>	1/10/73	MAMARONECK, NEW YORK	
MECH. DES.	DATE	XFMR	
ELECT. DES.	DATE		
CHECKED	DATE		
DRAWN	DATE	SIZE CODE IDENT. NO. DWG. NO. ISSUE	
EVANGELIST	6-1-73	C 82679 TT308 A	



3	RSU-1	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
	APPLICATION	
	CODE	

NOTICE TO PERSONS RECEIVING THIS DRAWING
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
TOLERANCES ON	
DECIMALS	FRACTIONS
.X \pm .05	\pm 1/64
.XX \pm .01	ANGLES
.XXX \pm .005	\pm 0° - 30'
MATERIAL	
FINISH	

SIZE	CODE IDENT. NO.	DWG. NO.	ISSUE
C	82679	TT308	A
SCALE NTS		SHEET	OF