

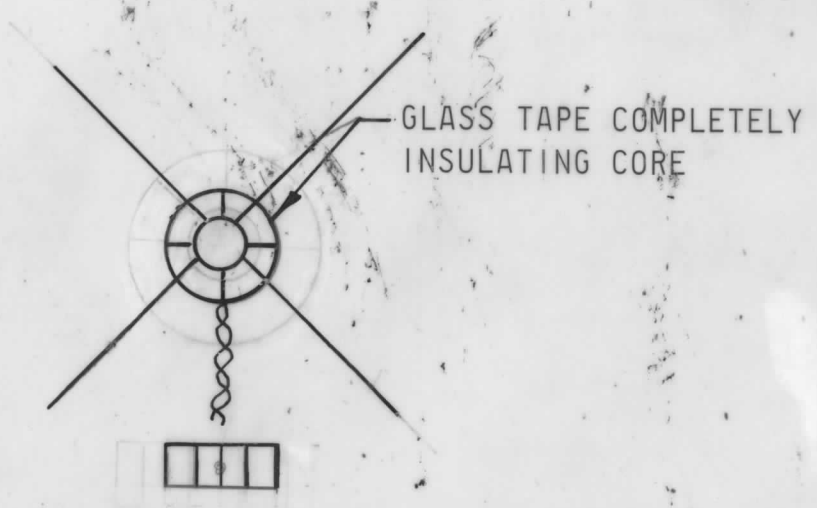
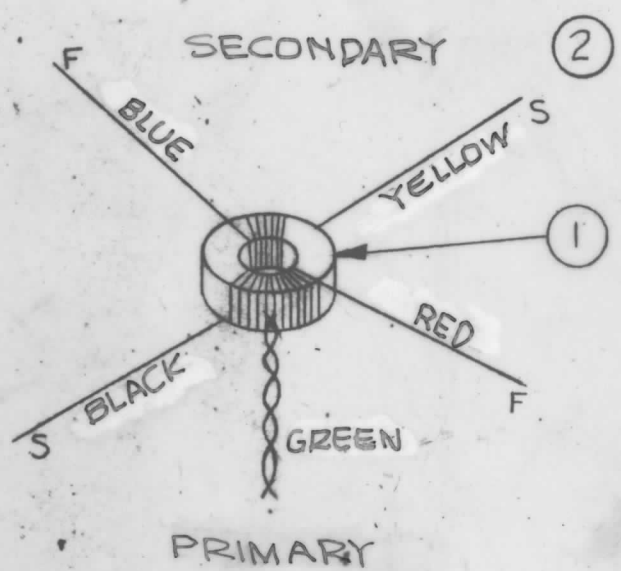
ELECTRICAL NOTE:

INDUCTANCE AND "Q" NOT CRITICAL ON THIS TRANSFORMER SINCE IT IS WOUND ON LOW FREQ. MATERIAL TO PRODUCE A BROADBAND EFFECT.

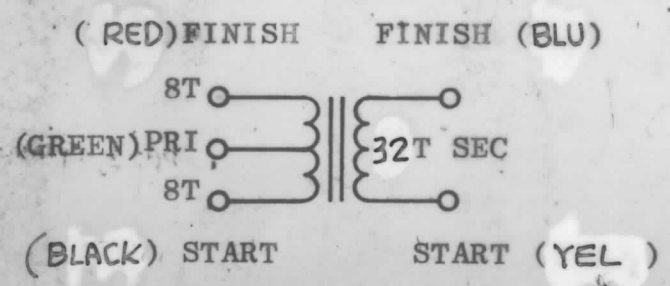
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	4-6-67	X		
	X1	"Q" & "L" TOL ADDED	4-10-67		L.A.K.	
	X2	ITEM 2 WAS WI141-28 & ITEM 3 WAS GL102-WINDING PROC. 3.1.5 & G. UPDATED	6-2-67	X2	G.D.L.	
	Ø	ORIG. RELEASE FOR PROD.	8-30-67	Ø	R.G.	
	A	ITEM 4 ADDED - 2 WAS WH123-28	11/29/67	18621		

WINDING PROCEDURE

1. WIND ITEM 4 ON ITEM 1 AS SHOWN
2. WIND PRIMARY IN THE DIRECTION AS SHOWN, EQUALLY SPACED AS INDICATED, WITHOUT OVERLAPPING TURNS.
3. WIND SECONDARY IN SAME MANNER AS PRIMARY, WITHOUT OVERLAPPING TURNS.
4. STAKE LEADS SECURELY WITH GL130
5. SLIP SLEEVING OVER WIRE TO REQUIRED LENGTH AS SHOWN.
6. BAKE FOR 1/2 HOUR AT 180°F TO REMOVE MOISTURE.
7. COAT COIL & CORE WITH GL130 AND BAKE FOR 1/2 HOUR AT 150°F.
8. SEE ELECTRICAL NOTE.



SCHEMATIC



ELECTRICAL SPEC

PRIMARY	TEST "F"	"Q" "L" ± 20%	SECONDARY	TEST "F"	"L" ± 20% "Q"
16 TURNS CT	795 kc/s	>10	32 TURNS	250 kc/s	1.6mH >10

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
X 4	TA108-1	INS. TAPE EL-GL	
X 3	GL130	ADHESIVE-Q-DOPE	
2	WI141-28	WIRE, ELECTRICAL MAGNET, HV	
1	CI127-7	CORE, TOROID	

O. POSE LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TRANSFORMER, TOROIDAL

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	TZ 218	A

SCALE SHEET OF

1	LFE-1	A4525	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
1	MMX-()	A4525	
QTY / UNIT	MODEL USED ON	ASS'Y. NO.	
APPLICATION			
S401-451	CODE A		
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FINISH			