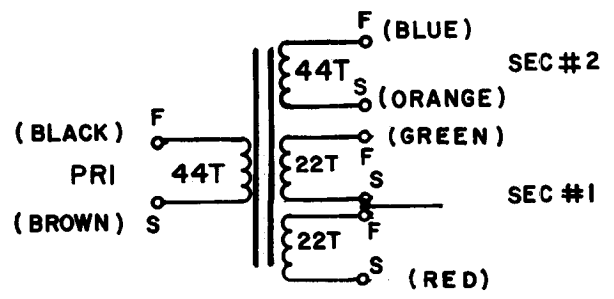


— SCHEMATIC —



REQ. PER UNIT	USED ON			TZ213	A
	MODEL	ASSY. NO.	DATE		
1	HFSA-1		5-13-66		

WINDING PROCEDURE

1. WIND PRIMARY IN THE DIRECTION SHOWN EQUALLY SPACED OVER THE ANGLE SHOWN WITHOUT OVERLAPPING TURNS. WIND SECONDARY #2 OVER PRIMARY AS SHOWN, NUMBER OF TURNS AS SHOWN. WIND SECONDARY #1 (BIFILAR WIRE) OVER PRIMARY AS SHOWN, NUMBER OF TURNS AS SHOWN.
2. PRIMARY MAY BE PUSHED TOGETHER OR SPREAD APART, AS NEEDED TO MEET INDUCTANCE.
3. STAKE LEADS SECURELY WITH GL102.
4. COLOR CODE LEADS AS SHOWN IN SCHEMATIC.
5. BAKE FOR 1/2 HR AT 215°F TO REMOVE MOISTURE.
6. COAT COIL & CORE WITH GL102 & BAKE 1/2 HR AT 215°F.

PRIMARY ELECTRICAL SPEC:

Q=50 L=14.25μh ±0.5% C=

9	GL102	Q-MAX
8	DELETED	
7		
6		
5	DELETED	
4	CI127-3	CORE, TOROID
3	WI148-34-25	CABLE SPEC PURPOSE MAG 2 COND.
2	DELETED	
1	WI141-34-9	WIRE, ELEC, MAGNET, INSUL

A	ITEMS 5,6,7 & 8 DELETED SCHEMATIC & NOTE 4 REVISED	4-10-67	18072	G.D.L.	<i>Jde</i>	<i>Jde</i>
Ø	ORIGINAL RELEASE FOR PRODUCTION	6/21/66	1			<i>Jde</i>
X2	BUILD REV, LEADS ADDED	6/20/66	X2			
X1	ITEM 2 WAS WI 141-34-9	5/7/66	X1			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE				
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		TOLERANCES		FRACTIONS ± 1/64 ANGLES ± 0° 30'		

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		STOCK SIZE	
		MATERIAL	
		TYPE & TEMPER	
		HEAT TREAT. SPEC.	
		FINISH & SPEC. NO.	
		DRAWN	
		CHECKED	
		FINAL APPROVAL	
		ELEC. DES. APP.	
		MECH. DES. APP.	

TZ213 A