



SCHMATIC (SYMBOL T1003)

REQ. PER UNIT	USED ON			TZ 184 $\emptyset$
	MODEL	ASSY. NO.	DATE	
1	CHG-3	AX 548	2-16-65	

PROCEDURE

- 1 - WIND APPROX. 68 TURNS IN THE DIRECTION SHOWN EQUALLY SPACED OVER THE ANGLE SHOWN WITHOUT OVERLAPPING TURNS.
- 2 - TAP AT THE NUMBER OF TURNS AS SHOWN
- 3 - TURNS MAY BE ADDED OR REMOVED AS NEEDED TO MEET INDUCTANCE.
- 4 - STAKE LEADS SECURELY WITH Q-MAX
- 5 - BAKE FOR 1/2 HR. AT 215° F. TO REMOVE MOISTURE
- 6 - COAT COIL & CORE WITH Q-MAX & BAKE 1/2 HR AT 215° F

- ELEC. SPECIFICATION -

$L = 20.4 \mu h \pm 0.5 \mu h$

$Q = 175 \pm 20$  AT 2.5 MC

$D_{dist} = 1.0 MMF \pm 0.5 MMF$

X	4	BS100	SOLDER, TIN ALLOY
X	3	GL102	Q-MAX
X	2	WI141-30-9	WIRE, ELEC. MAG.
1	1	CI127-1	CORE, TOROID

$\emptyset$	ORIGINAL RELEASE FOR PRODUCTION	4-14-65	$\emptyset$	<i>J.F.</i>			
X <sub>1</sub>	COMPLETELY REVISED	3-15-65		GDL	<i>[Signature]</i>	<i>J</i>	
X	EXPER. RELEASE	2-26-65		GDL			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		DO NOT SCALE			
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005		FRACTIONS $\pm$ 1/64 ANGLES $\pm$ 0° 30'		TOLERANCES		CODE A	

REQ. ITEM	PART NO.	J. ANGER	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
MATERIAL		TRANSFORMER, RF		
		DRIVER BAND #1		
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		G.D.L. <sup>2-16-65</sup> <i>Jc</i>	<i>[Signature]</i>	<i>[Signature]</i>
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
		<i>[Signature]</i>		TZ 184 $\emptyset$