



REQ. PER UNIT	USED ON			TZ 185 $\emptyset$
	MODEL	ASSY. NO.	DATE	
1	CHG-3	AX 548	2-16-65	

- PROCEDURE -

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

- ELEC. SPECIFICATION -

PRI.  $L = 20.4 \mu h \pm 0.5 \mu h$   
 $Q = 177 \pm 20$  AT 2.5 Mc  
 $C_{dist} = 1.2 \text{ MMF} \pm 0.6 \text{ MMF}$

X	4	GL 102	Q-MAX
X	3	WI 141-30-9	WIRE, ELEC. MAG.
X	2	WI 141-26-2	WIRE, ELEC. MAG.
1	1	CI 127-1	CORE, TOROID

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	J. ANGER DESCRIPTION	SYMBOL	
$\emptyset$	ORIGINAL RELEASE FOR PRODUCTION	4/14/65							<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK <b>TRANSFORMER, RF</b> OUTPUT BAND #1		
X1	COMPLETELY REVISED	3/15/65		G.D.L.							
X	EXPER. RELEASE	2-26-65		G.D.L.							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE		DO NOT SCALE				G.D.L. 2-16-65			
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005		FRACTIONS $\pm$ 1/64 ANGLES $\pm$ 0° 30'		TOLERANCES		CODE A		TYPE & TEMPER HEAT TREAT. SPEC.		DRAWN CHECKED FINAL APPROVAL	
							FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.		TZ 185 $\emptyset$