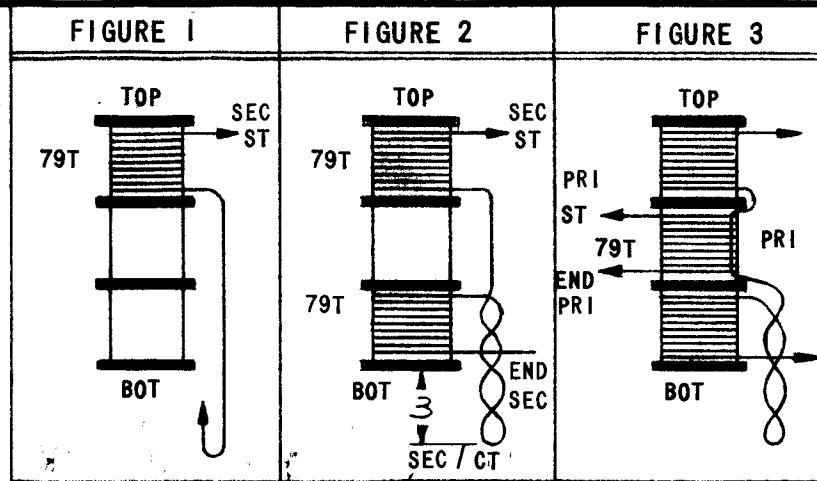


PROCEDURE

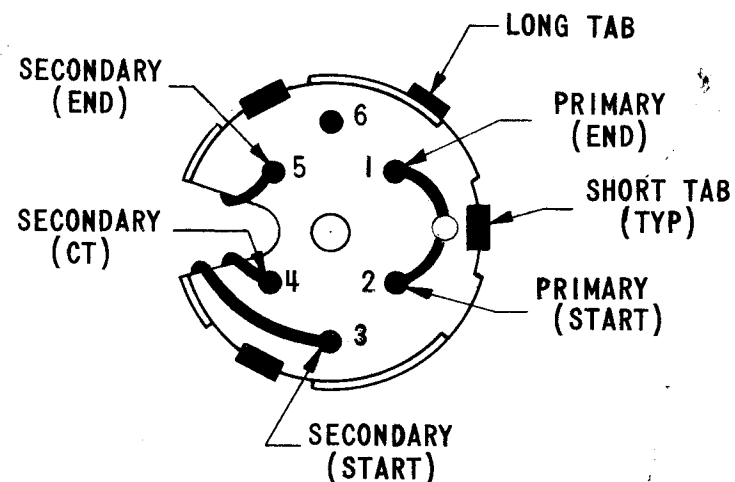
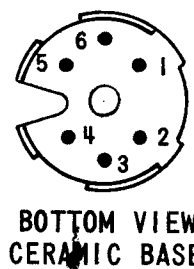
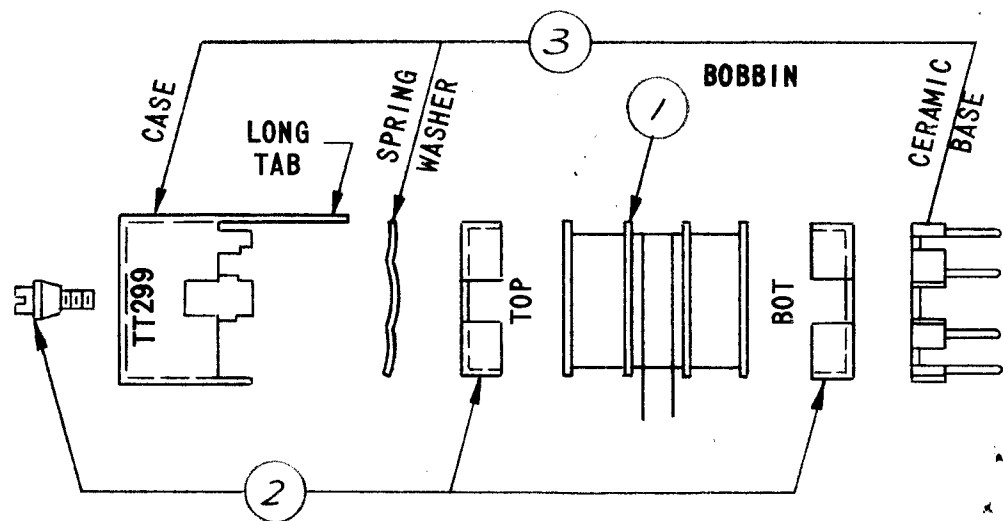
- STEP 1 - WIND 1/2 OF SECONDARY AS ILLUSTRATED IN FIGURE NO. 1.
- 2 - FORM CT OF WINDING BY BRINGING FINISH OF FIRST HALF OF SECONDARY DOWN THROUGH THE BOBBIN SLOTS. EXTEND WIRE APPROXIMATELY THREE INCHES OUTSIDE OF BOBBIN, LOOP IT BRINGING IT BACK INTO BOTTOM SLOT OF BOBBIN AND PROCEED WITH WINDING OF SECOND HALF OF SECONDARY (SEE FIGURE 2).
- 3 - AFTER COMPLETION OF SECONDARY WINDING, WIND PRIMARY ON CENTER SLOT OF BOBBIN (SEE FIGURE 3).
- 4 - ALL LEADS TO BE 1" LONG.
- 5 - BAKE COIL FOR 15 MINUTES AT 150°C. REMOVE FROM OVEN & COAT WITH GLI30.
- 6 - ASSEMBLE ITEMS 1,2 & 3 AS SHOWN.
- 7 - BEND 3 SMALL TABS DOWN, TOWARD CENTER OF COIL.  
NOTE: DO NOT BEND LONG TAB.
- 8 - STRIP AND TIN LEADS TO LENGTHS REQUIRED, FOR ASSEMBLY OF BOBBIN AND CERAMIC BASE(SEE WIRING PICTORIAL).
- 9 - STAMP TMC P/N ON CASE AS SHOWN (BLACK GOTHIC LETTERING).
- 10 - TEST INDUCTANCE AND Q AS PER CHART (SET INDUCTANCE FIRST).



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	1/7/69		W	Jde
	Ø	ORIG. RELEASE FOR PROD	1-10-69		R.G.	

TMC PART NO.	NO TURNS	TEST FREQ	IND L ±1%	Q MIN
TT299	PRI SEC 79 158 CT	252.5KHz N/R	1mh N/R	100 N/R



2	HFRR-4	A5T3/A5T4
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	S401-451

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REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	7	GLI03	ADHESIVE, N-CEL	
	6	BS100	SOLDER, TIN ALLOY	
	5	GLI30	ADHESIVE, Q-DOPE	
	4	W1141-40-9-T2	WIRE, ELEC, MAG INSULATION	
	3	CU168-2	RETAINER, COMPONENT, ELEC	
	2	C4137-2	CORE, POT, ADJ. TUNING	
	1	CF135-19	FORM, COIL (3 SLOT BOBBIN)	

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL <i>[Signature]</i>		DATE
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS 1/64 ANGLES 0°-30'		MECH. DES. DATE
MATERIAL		ELECT. DES. <i>[Signature]</i>		DATE 1-9-69
FINISH		CHECKED <i>[Signature]</i>		DATE 1-9-69
		DRAWN <i>[Signature]</i>		DATE 1/9/69
		SIZE B	CODE IDENT. NO. 82679	DWG NO. TT 299
		SCALE		SHEET OF

THE TECHNICAL MATERIEL CORP.  
 MAMARONECK, NEW YORK

TRANSFORMER, RF, ADJUSTABLE

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	TT 299	Ø
SCALE		SHEET OF	