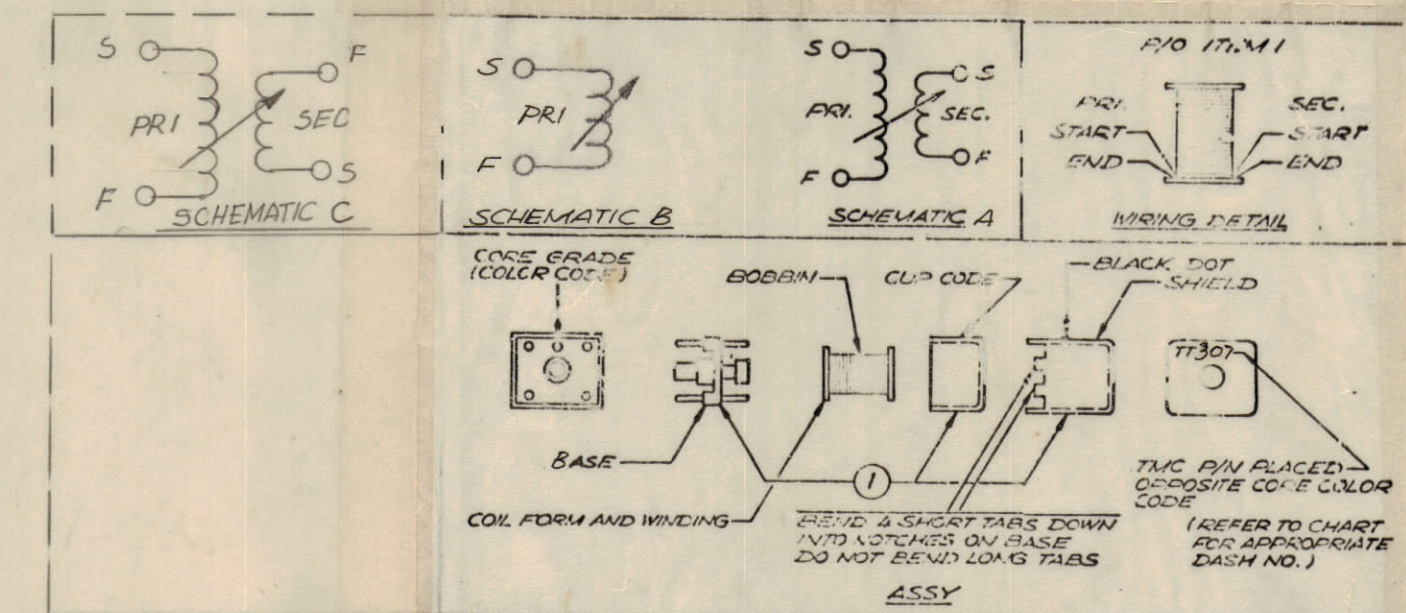


REQ	TMC P/N	PRIMARY WINDING ITEM # 1	TURNS	SECONDARY WINDING ITEM # 2	TURNS	FIG.	CORE COLOR	CORE ITEM 1	Q UNLOADED						Q LOADED						SEC R OHMS	INDUCTANCE (FOR REF) ± 10%			
									Q		Q		Q		Q		Q		Q			Q METER TEST FREQ MHZ	Luhy FLUSH CORE	Q	
									FREQ MHZ	CAP pf	FREQ MHZ	CAP pf	FREQ MHZ	CAP pf	FREQ MHZ	CAP pf	FREQ MHZ	CAP pf	FREQ MHZ	CAP pf					
6	TT307-1	WI-141-32	12	WI-141-32	4	A	YEL	CI 136-4	10	180	70	15	100	70	10	180	35	15	100	35	680	7.9	1.2	75	
4	2	WI-104-743-SCQS	15	WI-104-743-SCQS	5		RED		2	6	270	60	9	160	60	6	270	30	9	160	30	680		2.5	75
3	3		21		7				2	3	560	60	5	300	60	3	560	25	5	300	35	680		4.5	70
1	4		27		9				2	2	820	60			2	820	30				7.9	7	50		
1	5		39	WI-104-743-SCQS	13	A			2	1	1600	70			1	1600	35				2.5	15	80		
3	6	WI-104-743-SCQS	42			B	RED		2	.9	1800	70									2.5	18	95		
3	7	WI-104-1141-SCQS	120			B	GREY		1	.1	15000	60									.790	145	65		
2	8	WI-141-32	8	WI-141-32	2	A	YEL		4	19	130	80	17	150	70						25	.5	.90		
1	9		12			B	YEL		4	16	75	85									7.9	1.29	80		
1	10	WI-141-32	12	WI-141-32	2	A	YEL		4	16	75	85									7.9	1.29	70		
2	11	WI-104-743-SCQS	80			B	RED		2	455	1800	70									2.5	70	65		
1	12		80	WI-104-743-SCQS	10	A	RED		2	455	1800	70										70	65		
1	13	WI-104-743-SCQS	79			B	RED		2	.555	1000	90										70	55		
1	14	WI-104-1141-SCQS	90			B	GREY		1	.1	30,000	50									2.5	100	30		
1	TT307-15	WI-141-32	5	WI-141-32	2 1/2	A	YEL	CI 136-4	15	300	70			15	300	50					1K	25	.33	90	
3	TT307-16	WI-141-32	9	WI-141-32	2	A	YEL	CI 136-4	17	110	90											25	.72	85	
	TT307-17	WI 141-28	6	WI 141-28	1	A	YEL	CI 136-4	35	47	90			35	47	15					47	25	3.7	90	
	TT307-18	WI 141-28	8	WI 141-28	1	A	YEL	CI 136-4	25	68	90			25	68	20					47	25	6.0	90	
	TT307-19	WI 104-7/41	20			B	RED	CI 136-2	4.25	380	70											7.9	3.8	80	
	TT307-20	WI 104-5/41	130	WI 104-5/41	20	A	RED	CI 136-2	.25	2700	60			.25	2700	30					470	.79	150	80	
	TT307-21	WI 141-28	2	WI 104-12/43	36	A	RED	CI 136-2	2	570	70	3	250	70								2.5	11	70	
	TT307-22	WI 141-28	12	WI 104-12/43	36	A	RED	CI 136-2	2	570	60	3	250	60								2.5	11	60	
	TT307-23	WI 104-12/43	36	WI 141-28	6	C	RED	CI 136-2	2.25	460	70	3.25	210	70								2.5	11	70	
	TT307-24	WI 104-5/41	130			B	RED	CI 136-2	.25	2700	60											.79	150	80	
	TT307-25	WI 141-28	12	WI 104-12/43	48	A	RED	CI 136-2	2	270	50	3	110	50								2.5	21	40	

REVISIONS									
E.M.N.O	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED		
					ORIGINAL RELEASE FOR PRODUCTION	1/29/73			
20989	GE	EP		A	CHGS. ON TT 307-1 & TT 307-8 SEE E.M.N.	1-31-73			
21044	GE	EP		B	ADDED -16	3/29/73			
21155	GDL	EP		C	ADDED TT307-17 THRU TT307-24	3/25/74			
21164	GDL	EP		D	ADDED TT307-25 SCHEMATIC 'C' & FIG 'C'	6-25-74			

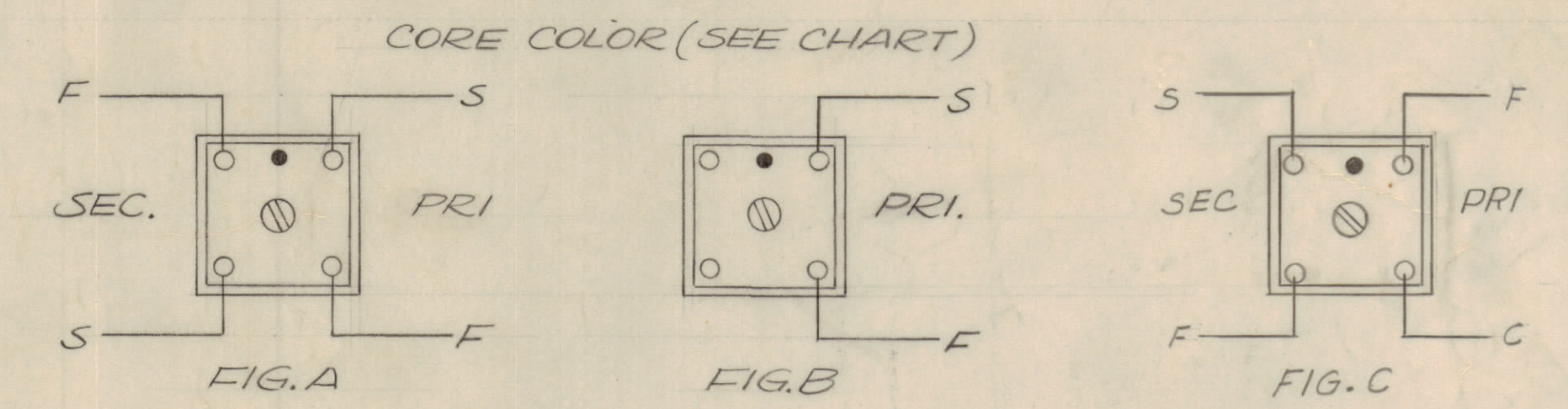


- FABRICATION PROCEDURE:
- WIND PRIMARY (L1) ON BOBBIN (SEE CHART) AND SECURE WITH GLIOS (ITEM 4).
  - WIND SECONDARY (L2) ON TOP OF PRIMARY (L1) AND SECURE WITH GLIOS (ITEM 4).  
CAUTION: A. LE WINDING MUST BE ACCURATE IN THE SIZE OF COILS AS (L1).  
B. LEADS OF (L2) ARE TO EXTEND FROM OPPOSITE SIDE OF (L1).
  - BARE COIL FOR 15 MINUTES AT 150°F. REMOVE FROM OVEN AND COAT WITH ALCOE (ITEM 5).
  - PLACE BOBBIN ON CORE BASE AND ROTATE FOR CORRECT POSITIONING. GLUE COBBIN TO BASE WITH GLIOS (ITEM 4).
  - CONNECT LEADS ACCORDING TO SCHEMATIC AND SOLDER.
  - SECURE CUP CODE TO CASE WITH GLIOS (ITEM 6) ACCORDING TO CHART.  
CAUTION: GLIOS (ITEM 6) MUST NOT TOUCH THE COBBIN, WINDING OR CORE.
  - MARK TMC P/N ON TOP OF CASE AS SHOWN (BLACK DOT).  
NOTE: TMC P/N MUST BE IN ALIGNMENT WITH CORE COLOR (SEE DETAIL).  
\*PLACE BLACK DOT ON SIDE OF CASE CORRESPONDING TO BASE COLOR CODE.
  - TEST "Q" UNLOADED (SEE CHART).

NOTES:

\*1 - WIND SECONDARY ON BOBBIN BEFORE PRIMARY, MEASUREMENTS ARE BASED ON SECONDARY WINDING.

2 - DISTRIBUTE WINDINGS ACROSS FULL BOBBIN IE: FOR TT 307-1 PRIMARY, WIND 6 TURNS ACROSS BOBBIN AND 6 TURNS BACK TO START. FOR TT 307-1 SECONDARY, WIND 2 TURNS ACROSS BOBBIN OVER PRIMARY AND 2 TURNS BACK TO START. RESULT: PRIMARY 12 TURNS, SECONDARY 4 TURNS.



QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	BS100	SOLDER, TIN ALLOY	
X	6	GL129	ADHESIVE EASTMAN J 910	
X	5	GL102	ADHESIVE, Q-MAX	
X	4	GL103	ADHESIVE N-CEL	
X	3	SEE CHART	WIRE ELEC.	
X	2	SEE CHART	WIRE ELEC.	
X	1	CI 136-SEECHT	CORE ADJUSTABLE, TUNING	

LIST OF MATERIAL			
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP.	
<i>[Signature]</i>	11/5/73	MAMARONECK, NEW YORK	
MEGH. DES.	DATE	XFMR RF. ADJUSTABLE	
ELECT. DES.	DATE		
CHECKED	DATE		
DRAWN	DATE		
MATERIAL		SIZE	CODE IDENT NO. DWG NO.
FINISH		D	82679 TT 307
		SCALE	SHEET OF

RSU-1		
QTY / UNIT	MODEL USED ON	ASSY NO.
APPLICATION		
CODE		
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