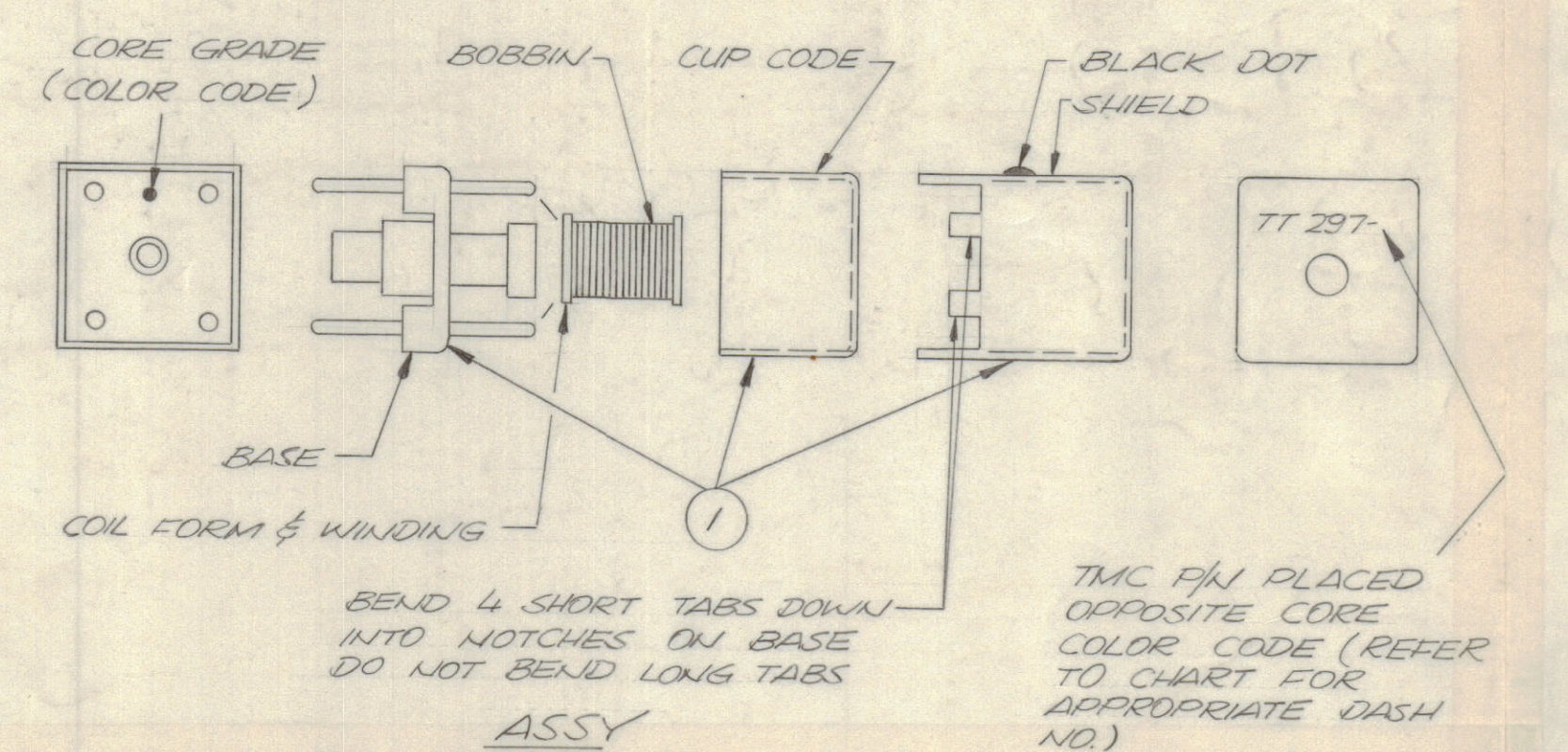
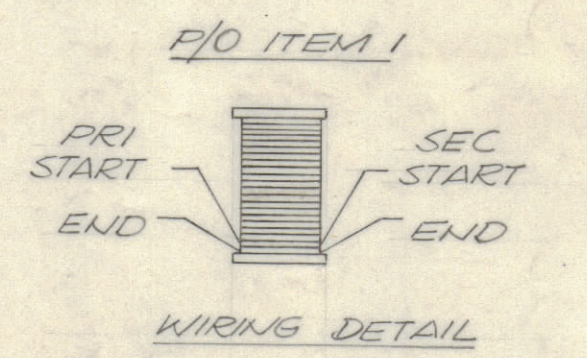
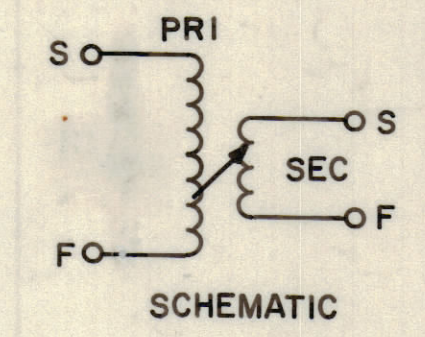
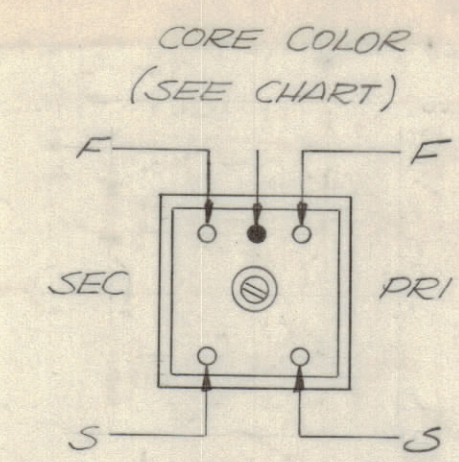


TMC PART NO.	PRIMARY WINDING	TURNS	SECONDARY WINDING	TURNS
TT305-1	W1104-743SCQS	65	W1104-743SCQS	6.5
-2	W1104-743SCQS	45	W1104-743SCQS	4.5
-3	W1104-743SCQS	30	W1104-743SCQS	3.0
-4	W1104-743SCQS	25	W1104-743SCQS	2.5
-5	W1104-743SCQS	20	W1104-743SCQS	2.0
-6	W1141-82	15	W1141-32	1.5
-7	W1104-743SCQS	65	W1104-743SCQS	22
-8	W1104-743SCQS	45	W1104-743SCQS	15
-9	W1104-743SCQS	30	W1104-743SCQS	10
-10	W1104-743SCQS	25	W1104-743SCQS	8
-11	W1104-743SCQS	20	W1104-743SCQS	7
-12	W1141-32-5	15	W1141-32-9	5
-13	W1141-32-5	12	—	—

CORE COLOR	CORE C1136-	RANGE				TO			
		Luh	FREQ MC	CAPuuf	MIN Q	FREQ MC	CAPuuf	MIN Q	
RED	2	55	1.6	180	50	3.0	51	50	
RED	2	20	3.0	150	50	6.0	39	50	
RED	2	11	6.0	68	50	8.0	39	50	
RED	2	6.8	8.0	36	50	12.0	27	50	
YELLOW	2	4.5	12.0	36	50	18.0	18	50	
YELLOW	4	2.5	18.0	27	50	26.0	15	50	
RED	2	55	1.6	180	50	3.0	51	50	
RED	2	20	3.0	150	50	6.0	39	50	
RED	2	11	6.0	68	50	8.0	39	50	
RED	2	6.8	8.0	62	50	12.0	30	50	
YELLOW	4	4.5	12.0	47	50	18.0	18	50	
YELLOW	4	2.5	18.0	27	50	26.0	15	50	
YELLOW	4	1.2	22	18	50	30	5	50	

REVISIONS							
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	DY			Ø	ORIGINAL RELEASE FOR PRODUCTION	10/26/73	



FABRICATION PROCEDURE

- WIND PRIMARY (L1) ON BOBBIN (SEE CHART) AND SECURE WITH GL103 (ITEM 4).
- WIND SECONDARY (DISTRIBUTED UNIFORMLY)(L2) ON TOP OF PRIMARY (L1) AND SECURE WITH GL 103 (ITEM 4)
CAUTION: a. L2 WINDING MUST BE WOUND IN THE SAME DIRECTION AS (L1).
b. LEADS OF (L2) ARE TO BREAKOUT FROM OPPOSITE SIDE OF (L1).
- BAKE COIL FOR 15 MINUTES AT 150°F. REMOVE FROM OVEN AND COAT WITH GL102 (ITEM 5).
- PLACE BOBBIN ON CORE BASE AND ROTATE FOR CORRECT POSITIONING. GLUE BOBBIN TO BASE WITH GL129 (ITEM 6).
- CONNECT LEADS ACCORDING TO SCHEMATIC AND SOLDER.
- SECURE CUP CORE TO BASE WITH GL129 (ITEM 6) ASSEMBLE AS SHOWN.
- MARK TMC P/N ON TOP OF CASE AS SHOWN (BLACK GOTHIC).
- NOTE: TMC P/N MUST BE IN ALIGNMENT WITH CORE COLOR CODE (SEE DETAIL).
PLACE BLACK DOT ON SIDE OF CAN CORRESPONDING TO BASE COLOR CODE.
TEST "Q" UNLOADED (SEE CHART).

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	BS100	SOLDER, TIN ALLOY	
X	6	GL129	ADHESIVE, EASTMAN 910	
X	5	GL102	ADHESIVE, Q-MAX	
X	4	GL103	ADHESIVE, N-CEL	
X	3	SEE CHART	WIRE, ELECT	
X	2	SEE CHART	WIRE, ELECT	
X	1	C1136 (SEE CHART)	CORE, ADJUSTABLE, TUNING	

LIST OF MATERIAL					
FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER RF ADJUSTABLE			
MECH. DES.	DATE				
ELECT. DES.	DATE				
CHECKED	DATE				
DRAWN	DATE	SIZE	CODE IDENT NO.	DWG NO.	ISSUE
		D	82679	TT 305	Ø

TM 125		
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	S401-451	
MATERIAL		
FINISH		

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