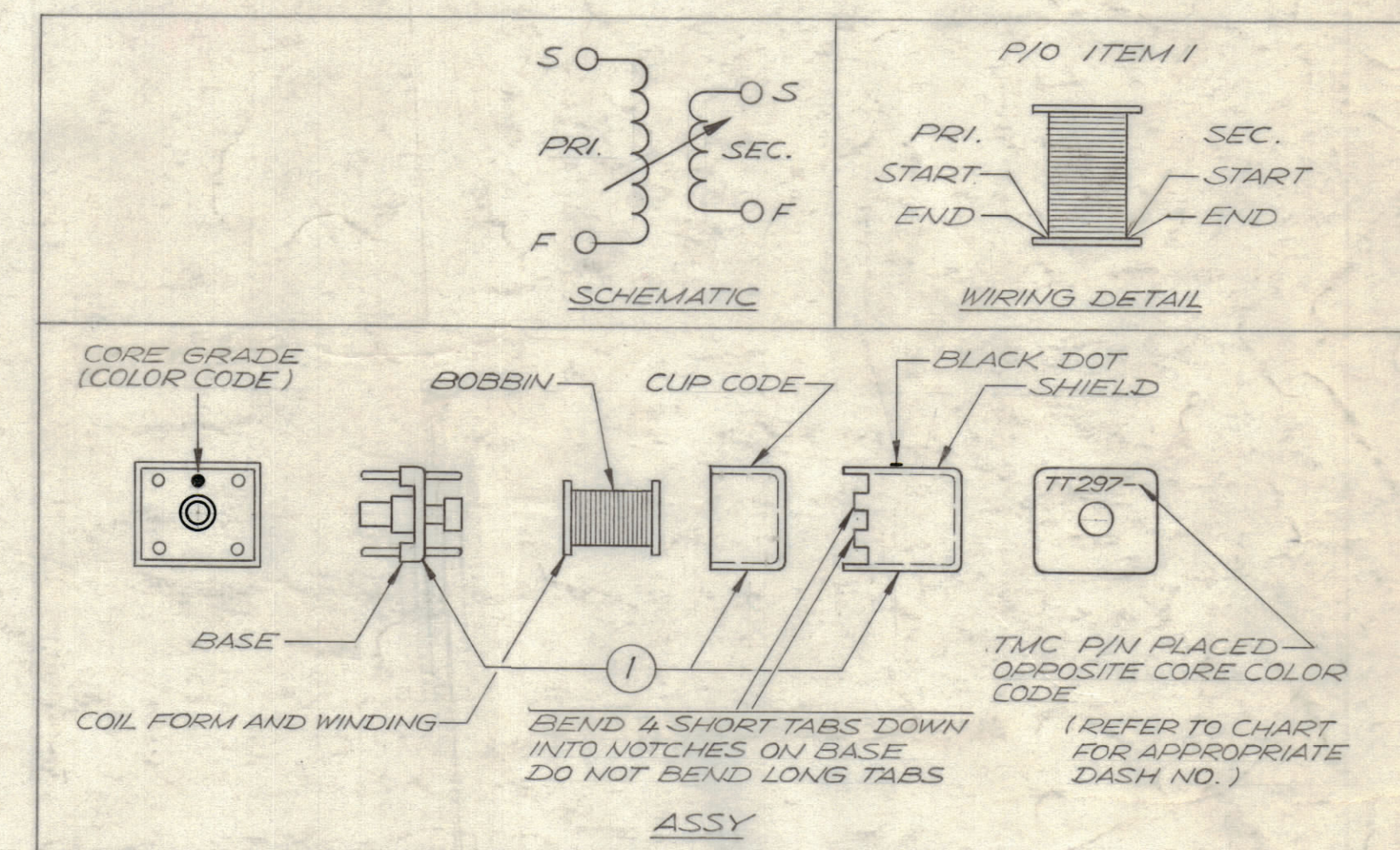


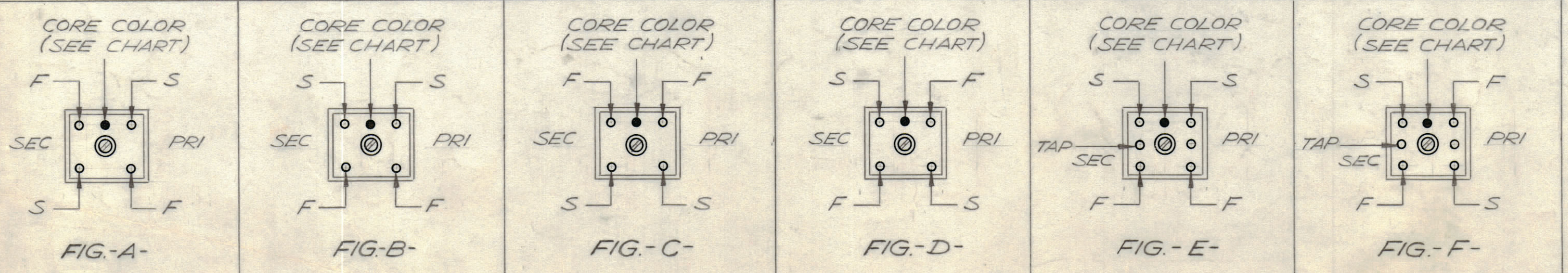
TMC P/N	PRIMARY WINDING ITEM #1	TURNS	SECONDARY WINDING ITEM #2	TURNS	TAP LOCATION (*TURNS)	FIG	CORE COLOR	CORE ITEM I	"Q" UNLOADED					
									FREQ	CAP	Q MIN	FREQ	CAP	Q MIN
TT298-1	W1104-743-SCQS	63	W1104-743-SCQS	16		A	RED	C1136-9	1.6	200	60	2.0	200	45
-2		63		7		A			-9	1.6	200	2.0	200	
-3		63		24	3	E			-3	1.6	200	2.0	200	
-4		63		24	8	E			-3	1.6	200	2.0	200	
-5		63		19		A			-9	2.0	200	2.5	200	
-6		63		8		A			-9	2.0	200	2.5	200	
-7		63		24	3	E			-3	2.0	200	2.5	200	
-8		63		27	9	E			-3	2.0	200	2.5	200	
-9		44		13		A			-9	2.5	200	3.0	200	
-10		44		6		A			-9	2.5	200	3.0	200	
-11		44		24	3	E			-3	2.5	200	3.0	200	
-12		44		28	7	E			-3	2.5	200	3.0	200	
-13		44		18		A			-9	3.0	180	4.0	150	
-14		44		8-1/2		B			-9	3.0	180	4.0	150	
-15		44		24	1	E			-3	3.0	180	4.0	150	
-16		44		27	9	E			-3	3.0	180	4.0	150	
-17		30		10		A			-9	4.0	150	5.0	150	
-18		30		4-1/2		B			-9	4.0	150	5.0	150	
-19		30		17	2	E			-3	4.0	150	5.0	150	
-20		30		15	5	E			-3	4.0	150	5.0	150	
-21		24		8		A			-9	5.0	150	6.0	150	
-22		24		4		A			-9	5.0	150	6.0	150	
-23		24		8	1	E			-3	5.0	150	6.0	150	
-24		24		12	4	E			-3	5.0	150	6.0	150	
-25		20		6		A			-9	6.0	150	8.0	130	
-26		20		4		A			-9	6.0	150	8.0	130	
-27		20		12	1	E			-3	6.0	150	8.0	130	
-28		20		12	4	E			-3	6.0	150	8.0	130	
-29		17-1/2		7		C			-9	8.0	110	10.0	110	
-30		17-1/2		3		C			-9	8.0	110	10.0	110	
-31		17-1/2		8	1	F			-3	8.0	110	10.0	110	
-32		17-1/2		12	4	F			-3	8.0	110	10.0	110	
-33		16-1/2		6-1/2		D	YELLOW		-4	10.0	91	12.0	91	
-34		16-1/2		3		C			-4	10.0	91	12.0	91	
-35		16-1/2		9	1	F			-10	10.0	91	12.0	91	
-36	W1104-743-SCQS	16-1/2	W1104-743-SCQS	11	4	F			-10	10.0	91	12.0	91	
-37	W1141-26	14-1/2	W1141-32	6		C			-4	12.0	82	15.0	82	
-38		14-1/2		3		C			-4	12.0	82	15.0	82	
-39		14-1/2		8	2	F			-10	12.0	82	15.0	82	
-40		14-1/2		9	3	F			-10	12.0	82	15.0	82	
-41		13-1/2		6		C			-4	15.0	68	18.0	68	
-42		13-1/2		2-1/2		D			-4	15.0	68	18.0	68	
-43		13-1/2		8	1	F			-10	15.0	68	18.0	68	
-44		13-1/2		9	3	F			-10	15.0	68	18.0	68	
-45		13		6		A			-4	18.0	56	21.0	56	
-46		13		3-1/2		B			-4	18.0	56	21.0	56	
-47		13		8	1	E			-10	18.0	56	21.0	56	
-48		13		9	3	E			-10	18.0	56	21.0	56	
-49		12		5-1/2		B			-4	21.0	51	26.0	51	
-50		12		2-1/2		B			-4	21.0	51	26.0	51	
-51		12		8	1	E			-10	21.0	51	26.0	51	
-52	W1141-26	12	W1141-32	9	3	E	YELLOW	C1136-10	21.0	51	60	26.0	51	45

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
X		EXPERIMENTAL RELEASE	9/23/68			C.V.
		ORIG. RELEASE FOR PROD.	10/28/68			E.G.
A		PART NO. CHG. REV.	5.8.69	1940S	GE	



- FABRICATION PROCEDURE
- WIND PRIMARY (L1) ON BOBBIN (SEE CHART) AND SECURE WITH GL103 (ITEM 4).
 - WIND SECONDARY (L2) ON TOP OF PRIMARY (L1) AND SECURE WITH GL103 (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.
CAUTION: GL129 (ITEM 6) MUST NOT TOUCH THE BOBBIN, WINDING OR CORE.
 - MARK TMC P/N ON TOP OF CASE AS SHOWN (BLACK GOTHIC).
NOTE: TMC P/N MUST BE IN ALIGNMENT WITH CORE COLOR (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	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL: [Signature] DATE: 10/28/68		MECH. DES: [Signature] DATE: 10/28/68		ELECT. DES: [Signature] DATE: 10/28/68		CHECKED: [Signature] DATE: 10/28/68		DRAWN: [Signature] DATE: 10/28/68		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF, ADJUSTABLE	
TOLERANCES ON		DECIMALS		FRACTIONS		ANGLES		SIZE		CODE IDENT. NO.		DWG NO.	
		.X ± .05		± 1/64		± 0°-30'		D		82679		TT 298	
MATERIAL		FINISH		SCALE		SHEET		OF		ISSUE		A	

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