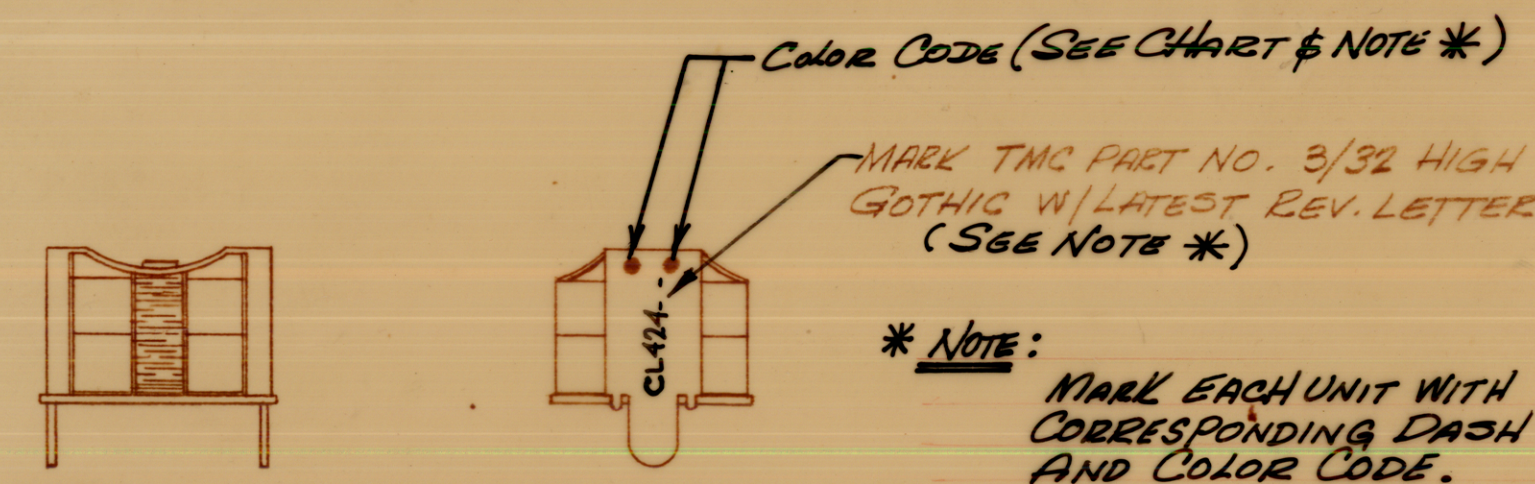


TMC PART NO.	SYMBOL	NO. OF. TURNS	TEST FREQUENCY						DISTR. CAP.	COLOR CODE	BAND	REQ.
			L1 ± 1%									
			L1	F	L			Q				
		SET	MIN	MAX								
CL424-1	L5	145	100KC	1.426mH	1.358	1.491	200	2.2	13pF	—	OSC	1
CL424-2	L6	153	100KC	1.615mH	1.533	1.7	200	2.4	13pF	—	OSC	1

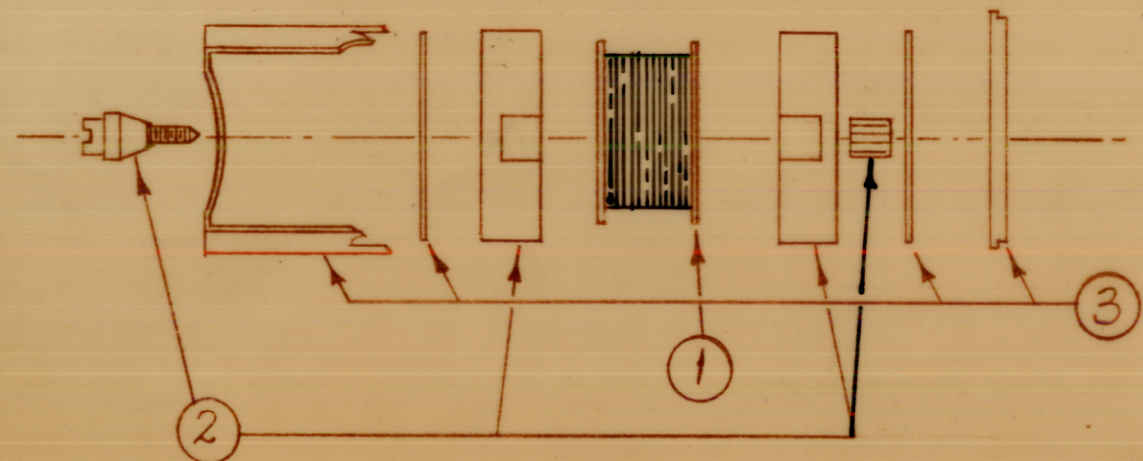
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	10.10.67	A	NEA	[Signature]
	Ø	ORIG. RELEASE FOR PROD.	1-8-68	Ø	R.G.	[Signature]
	A	L5 & L6 WAS L8 & L9	3.11.68	18907	[Signature]	JEFM

WINDING PROCEDURE

1. WIND REQ. TURNS (SEE CHART) OF ITEM 4 ON ITEM 1 STAKE WITH ITEM 6.
2. KEEP ALL LEADS 1-1/2" LONG.
3. STRIP AND TIN ALL LEADS TO WITHIN 3/4" OF COIL.
4. COLOR CODE ALL LEADS AS SHOWN IN WIRING DETAIL
5. BAKE COIL FOR 15 MINUTES AT 150° F. REMOVE FROM OVEN AND COAT WITH ITEM 5.
6. ASSEMBLE ITEMS 1, 2, 3 AS PER ASSEMBLY DETAIL SHOWN.
7. BEND THE 4 SMALL TABS DOWN, TOWARD CENTER OF COIL
8. STAMP TMC P/N AS SHOWN. (SEE CHART)
9. TEST INDUCTANCE AND "Q" AS SHOWN. SET INDUCTANCE FIRST.
10. BAKE COMPLETE ASSEMBLY FOR 1 HOUR AT 212° F.
11. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
12. REPEAT STEP # 9.
13. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN.
14. TEST COIL WITH "Q" METER TYPE 260A
15. WAX CORE IN PLACE AFTER SETTING.



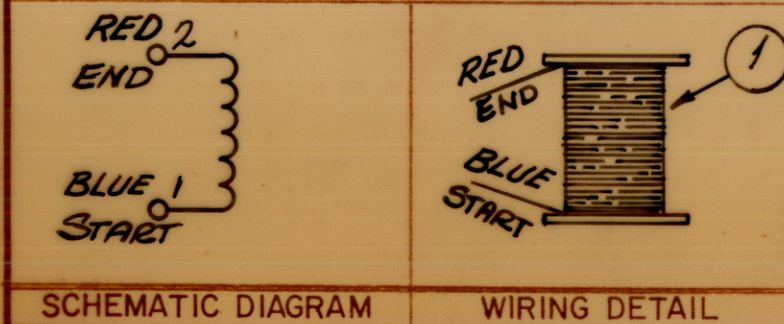
*** NOTE:**
MARK EACH UNIT WITH CORRESPONDING DASH No. AND COLOR CODE.



ASSEMBLY DETAIL

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
X	7	BS100	SOLDER, TIN ALLOY	
X	6	GL103	ADHESIVE - N-CEL	
X	5	GL130	ADHESIVE - Q-DOPE	
X	4	WI104-1141-SNGS	WIRE, ELEC, LITZ	
1	3	CU158-2	RETAINER, CUP CORE	
1	2	CI137-12	CORE, ADJ TUNING (RED)	
1	1	CF135-17	FORM, COIL (BOBBIN TYPE)	

MARTINENGO LIST OF MATERIAL			
FINAL APPROVAL	SJM	DATE	1-3-68
MECH. DES.	[Signature]	DATE	1-3-68
ELECT. DES.	[Signature]	DATE	1-3-68
CHECKED	[Signature]	DATE	1-3-68
DRAWN	H. AUSTIN	DATE	10/10/67
THE TECHNICAL MATERIEL CORP.	MAMARONECK, NEW YORK		
COIL, RF, FIXED			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	CL424	A
SCALE	SHEET		OF
+			



SCHMATIC DIAGRAM WIRING DETAIL

2	VLRC-1	ASS'Y NO.
QTY / UNIT	MODEL USED ON	
APPLICATION		
CODE	5401-451	
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	1/64
.XX ± .01	TOLS. ANGLES
.XXX ± .005	0° - 30'
MATERIAL	FINISH