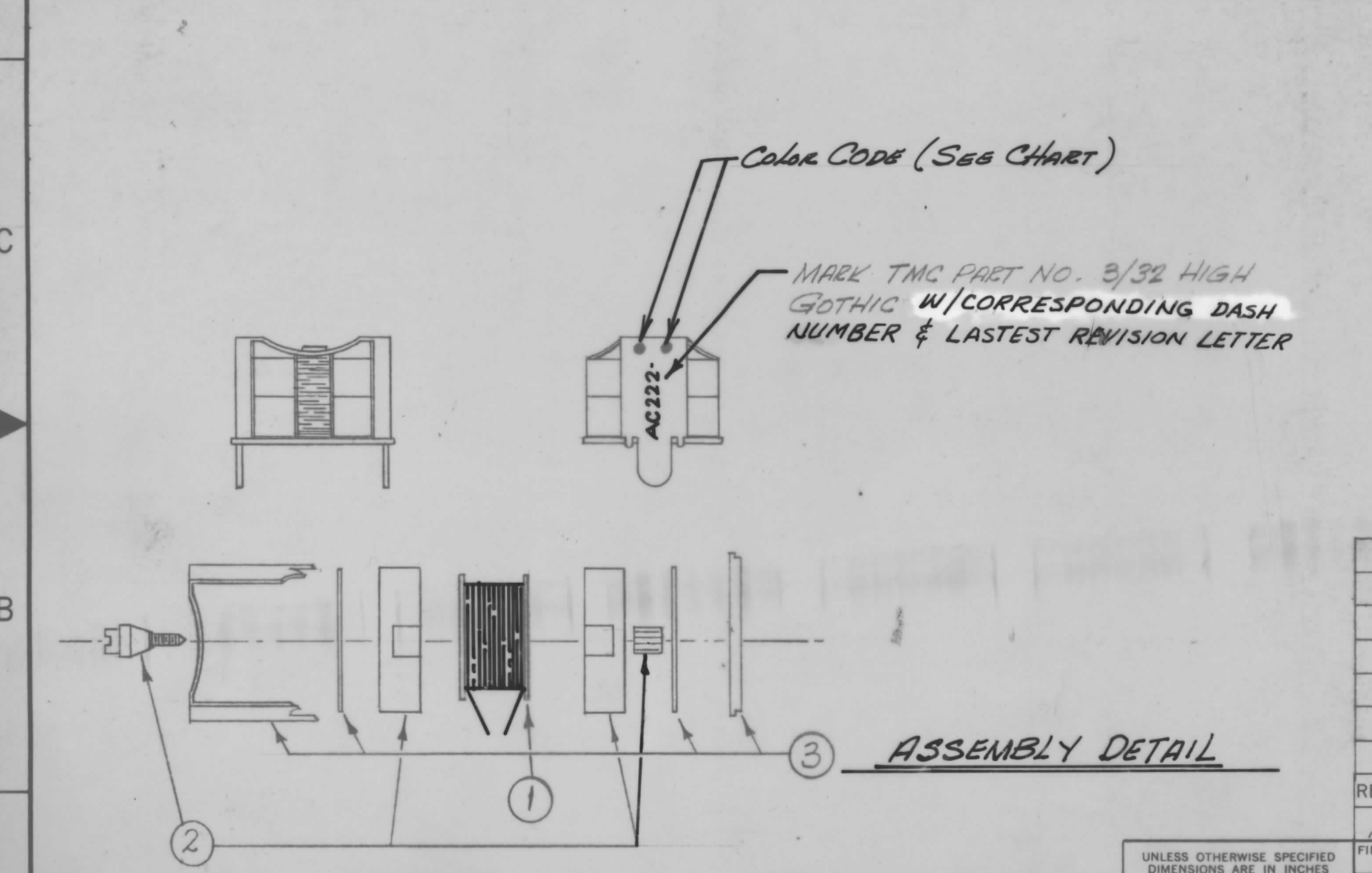


TMC PART NO.	SYMBOL	NO. OF. TURNS	TEST FREQUENCY						DISTR. CAP.	COLOR CODE	BAND	REQ.
			L1 ± 1%									
			L1	F	L			Q				
				SET	MIN	MAX						
AC222-1	L3	39	100KC	275μH	240	265	325	0.18	10pF		100KC	1

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	10-11-67	-	HQ	
	XI	275μh WAS 253μh	1-5-68		HY	
	Ø	ORIG. RELEASE FOR PROD.	1-8-68	Ø	R.G.	



- 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.

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	WT104-4041-SN95	WIRE, ELEC, LITZ	
1	3	CU158-2	RETAINER, CUPCORE	
1	2	CI137-13	CORE, ADJ TUNING (YELLOW)	
1	1	CF135-17	FORM, COIL (BOBBIN TYPE)	

MARTINENGO LIST OF MATERIAL

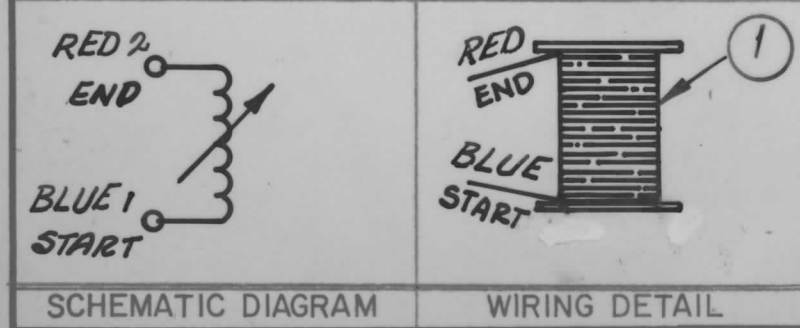
FINAL APPROVAL: *[Signature]* DATE: 1-5-68
 MECH. DES. DATE: 1-5-68
 ELECT. DES. DATE: 1-5-68
 CHECKED DATE: 1-5-68
 DRAWN: H. AUSTIN DATE: 10-11-67

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

COIL, RF, ADJUSTABLE

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	AC222	Ø

SCALE: *[Symbol]* SHEET OF



1	VLRC-1	ASS'Y NO.
QTY / UNIT	MODEL USED ON	
APPLICATION		
CODE	S401-451	
A		

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
DECIMALS	FRACTIONS
.X ± .05	TOLS. 1/64
.XX ± .01	ANGLES 0° .30'
.XXX ± .005	
MATERIAL	
FINISH	