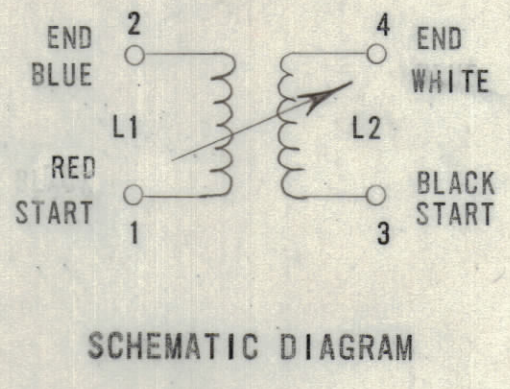
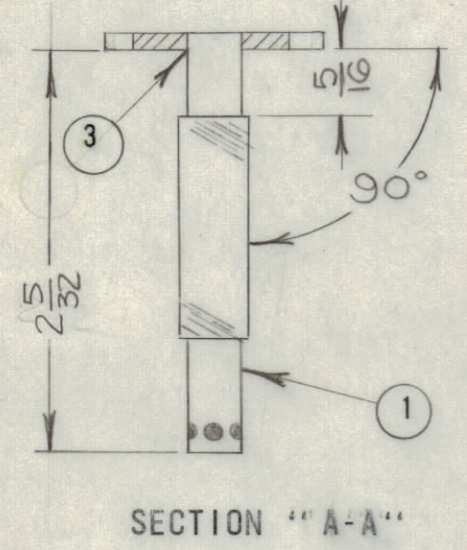
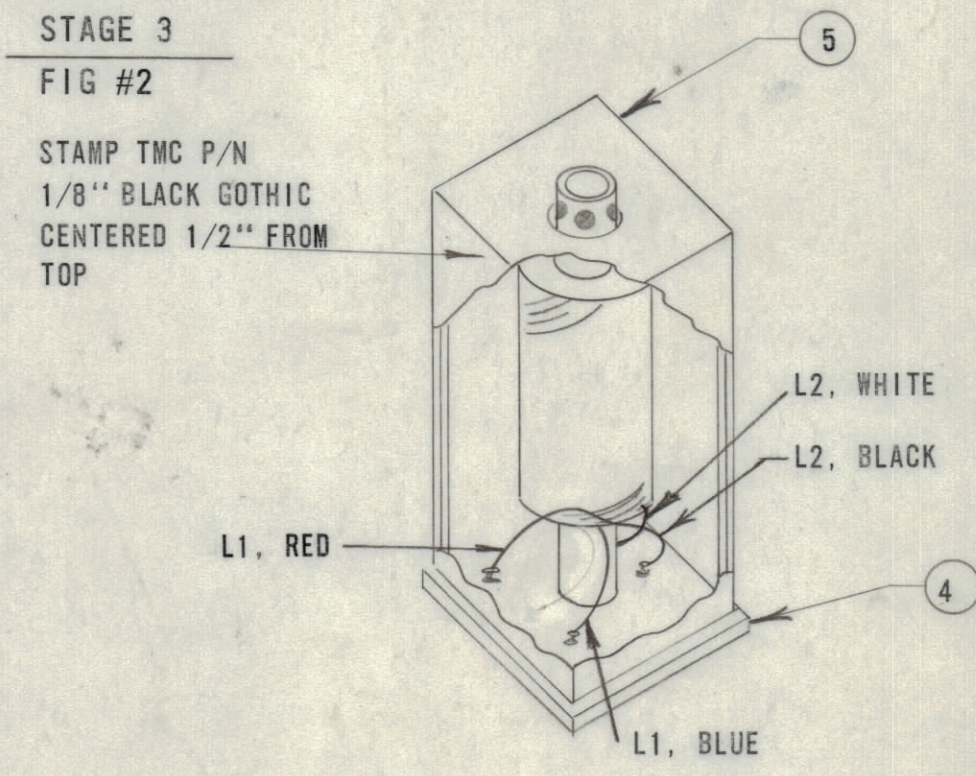
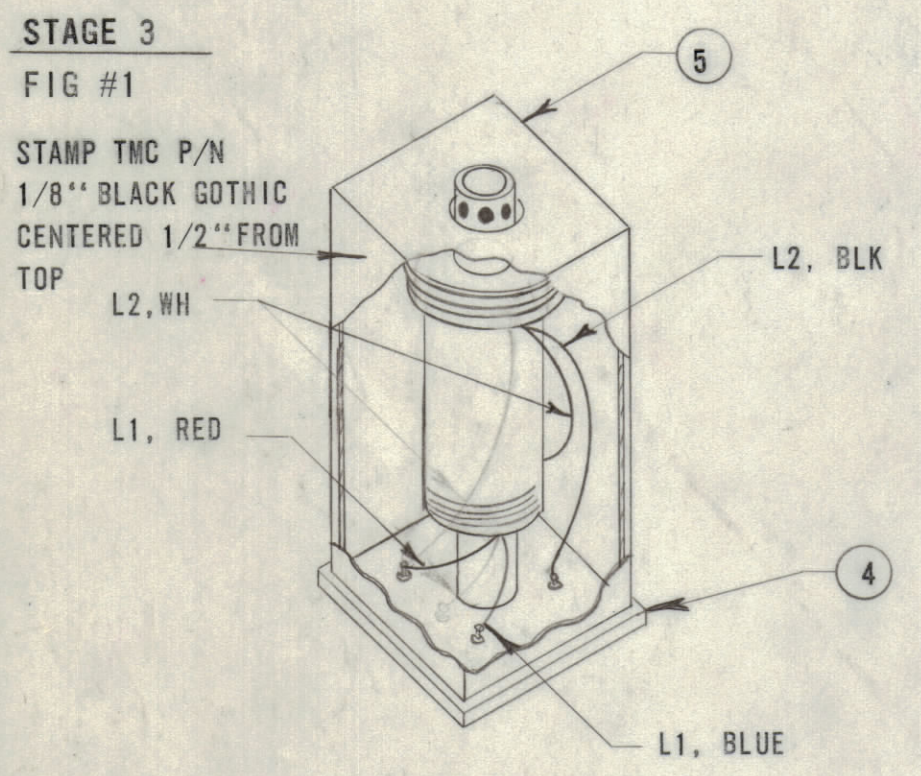
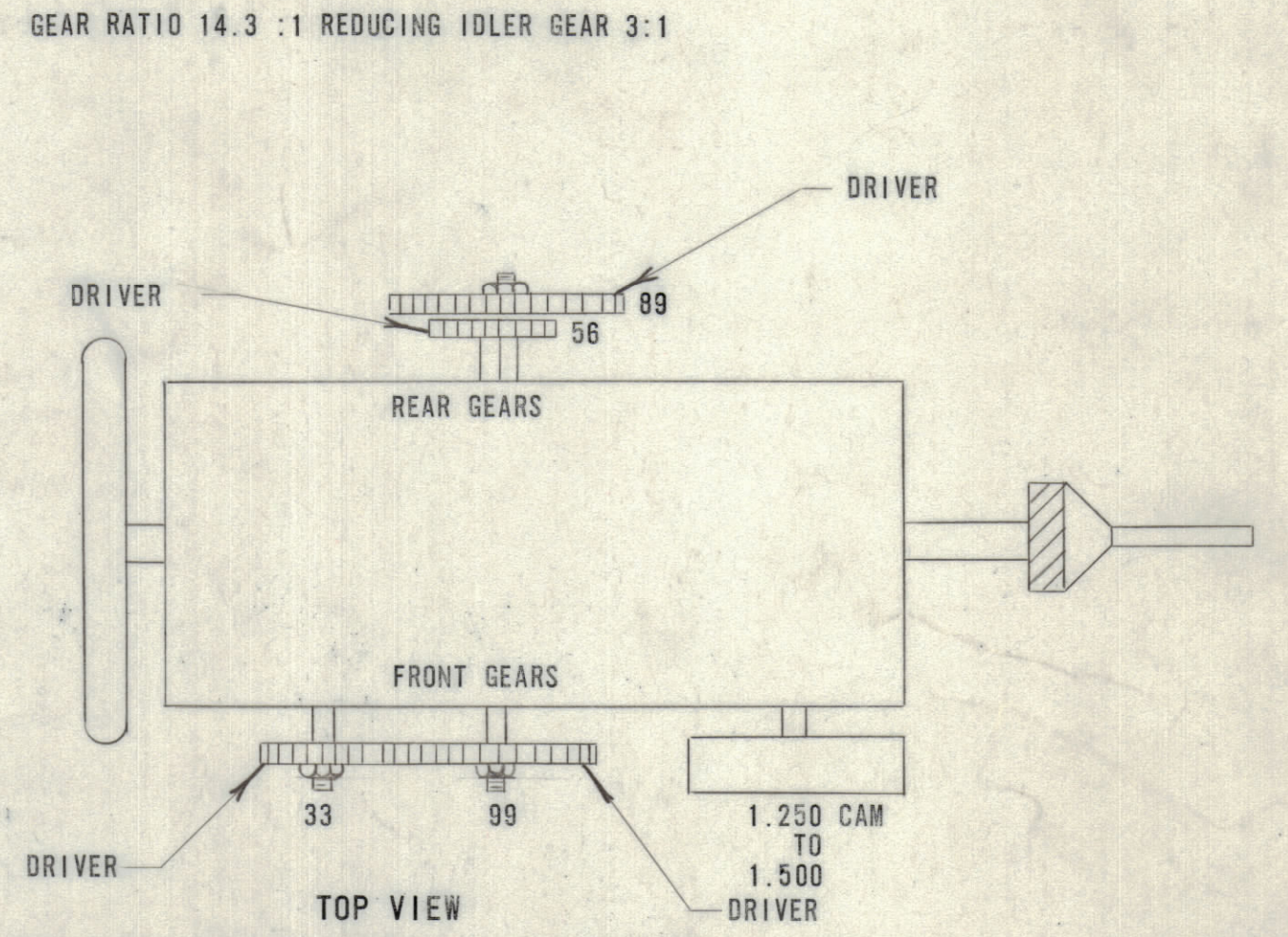
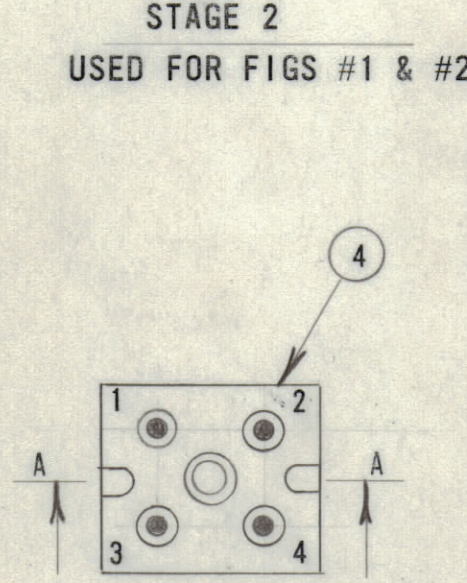
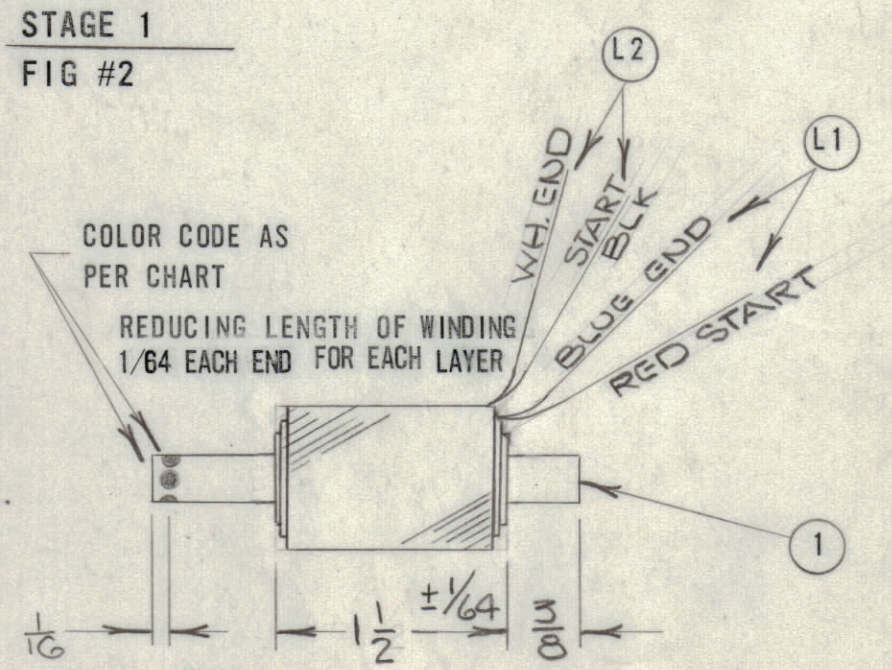
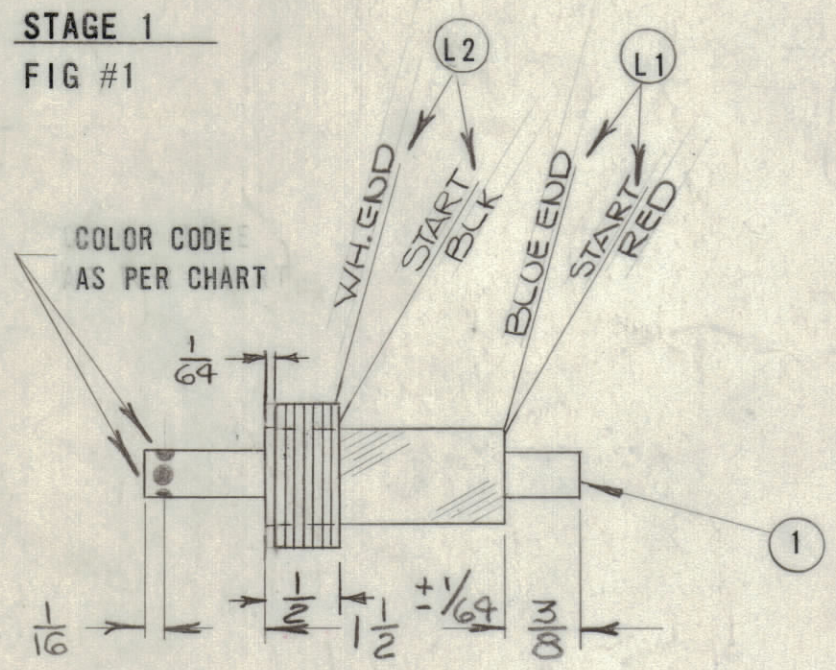


TMC P/N	NUMBER OF TURNS (APPROX) L1 L2		TEST FREQUENCY				TEST FREQUENCY				COLOR CODE COIL FORM	BAND	FIGURE	R.F.	REQ.	DISTRIBUTED CAPACITANCE
			L ± 1%				L ± 1%									
			F	L	Q MIN	R	F	L	Q	R						
TT290-1	735	181	10Kc	0.883 mH	6.5 MIN	7.9	10Kc	289 mH	6.5	2.8		2	1	2-3	2	
-2	466	115	10Kc	292 uH	3.8	4.52	10Kc	76.9 uH	3.1	1.41		3	1	2-3	2	27 pF
-3	1219	300	10Kc	3.63 mH	11	15.57	10Kc	512 uH	5	5.7		1	2	2-3	2	20 pF

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXPERIMENTAL RELEASE	10/12/67			C.V.	
	Ø	ORIGINAL RELEASE FOR PRODUCTION	1-8-68			RG.	



PROCEDURE

- ASSEMBLE ITEM 1 TO ITEM 4 USING ITEM 3. BAKE AT 250°F FOR 1 HOUR.
- WIND L1, STARTING 3/8" FROM END OF COIL FORM.
- WHEN L1 WINDING IS COMPLETED PULL OUT A LOOP OF WIRE.
- START L2 WHERE L1 ENDS, AND IN SAME DIRECTION.
- STAKE LEADS TO COIL FORM WITH ITEM 7.
- ALL WINDINGS ARE WOUND WITH THE GEAR RATIO SHOWN.
- L2, IS CLOSE WOUND BY HAND ON TOP OF L1 AS SHOWN IN FIG 1, AND IN SAME DIRECTION AS L1.
- CUT ALL LEADS WITHIN 1" OF BASE OF COIL FORM. STRIP & TIN TO BASE OF COIL FORM
- COLOR CODE LEADS, TERMINAL BOARD AND COIL FORM AS SHOWN.
- TEST INDUCTANCE PER CHART ABOVE PRIOR TO CONNECTING LEADS TO TERMINAL BOARD
- SOLDER LEADS TO RESPECTIVE TERMINALS AND ASSEMBLE AS SHOWN.

- NOTES**
- USE _____ TO _____ GRAMS TENSION ON WIRE GUIDE. CHECK FREQUENTLY.
 - TEST IN ACCORDANCE WITH _____
 - ALL ELECTRICAL MEASUREMENTS TAKEN IN AIR: NO SLUG

QTY / UNIT	MODEL USED ON	ASS'Y NO.
2	VLRC-1	
APPLICATION		
	CODE A	5401-451
NOTICE TO PERSONS RECEIVING THIS DRAWING		
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QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	GL103	ADHESIVE, N-CEL	
X	6	BS100	SOLDER, TIN ALLOY	
1	5	BX221	CASE, TUNING COIL	
1	4	LD2255 (MS5204)	PLATE, COVER	
X	3	GL125	ADHESIVE, EPOXY SEALANT	
X	2	W1141-30-2	WIRE ELEC MAG T.	
1	1	CF137-2.250	COIL FORM	

A. MARTINENGO		LIST OF MATERIAL			
FINAL APPROVAL	DATE 1-9-68	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MECH. DES.	DATE 1-5-68				
ELECT. DES.	DATE				
CHECKED	DATE 1-5-68				
DRAWN	DATE 9-25-67	TRANSFORMER ASSEMBLY, 2 nd & 3 rd RF			
MATERIAL		SIZE C	CODE IDENT. NO. 82679	DWG NO. TT 290	ISSUE Ø
FINISH		SCALE		SHEET	OF