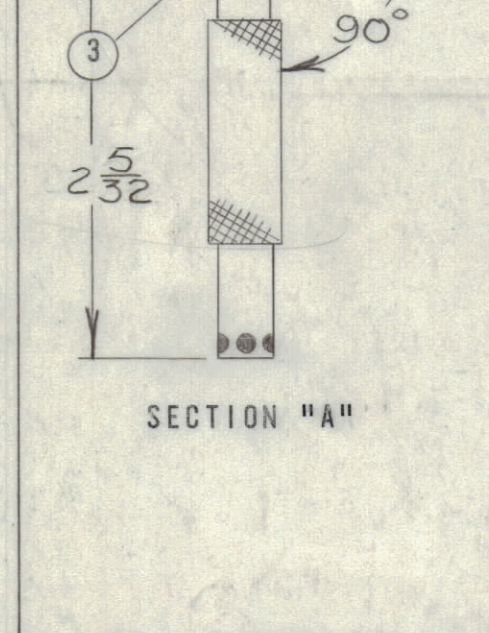
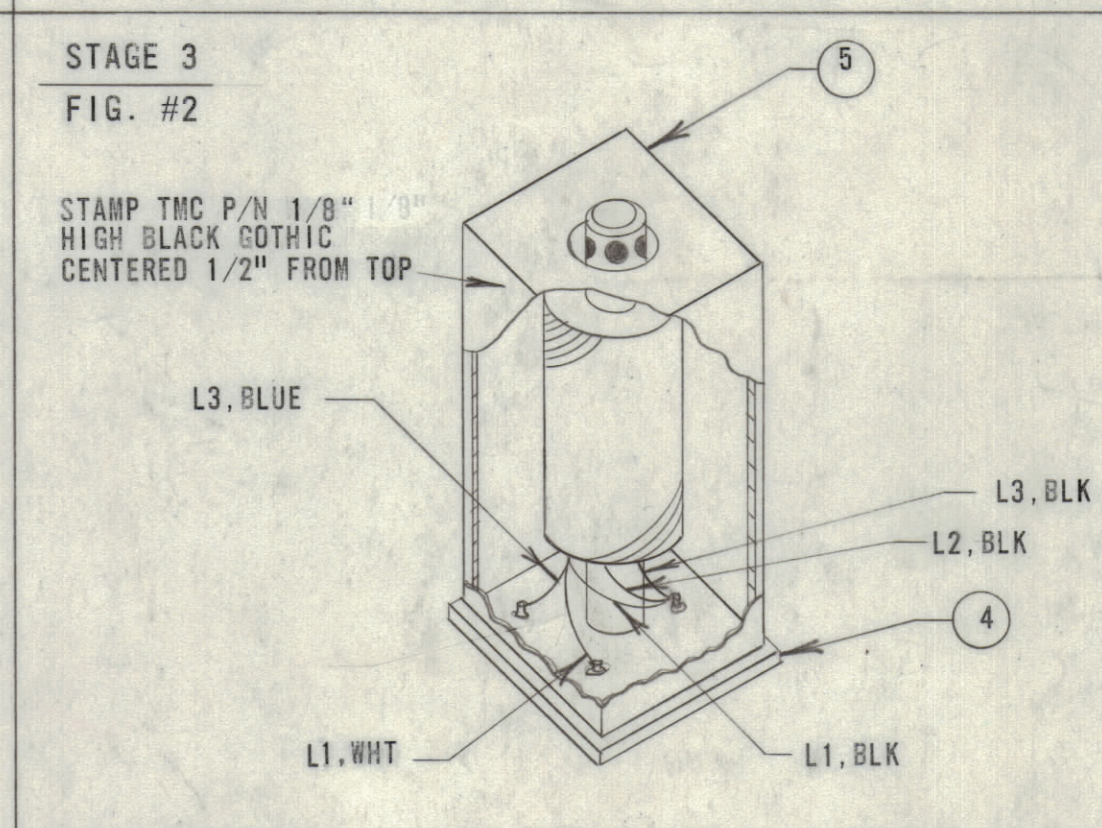
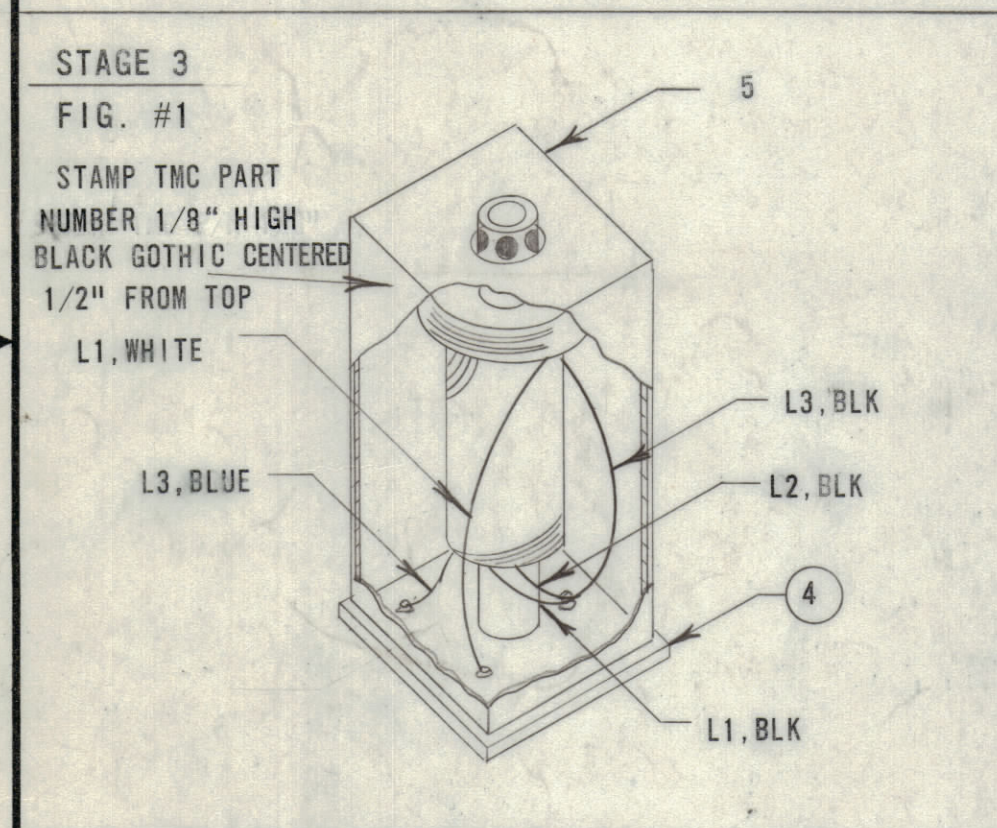
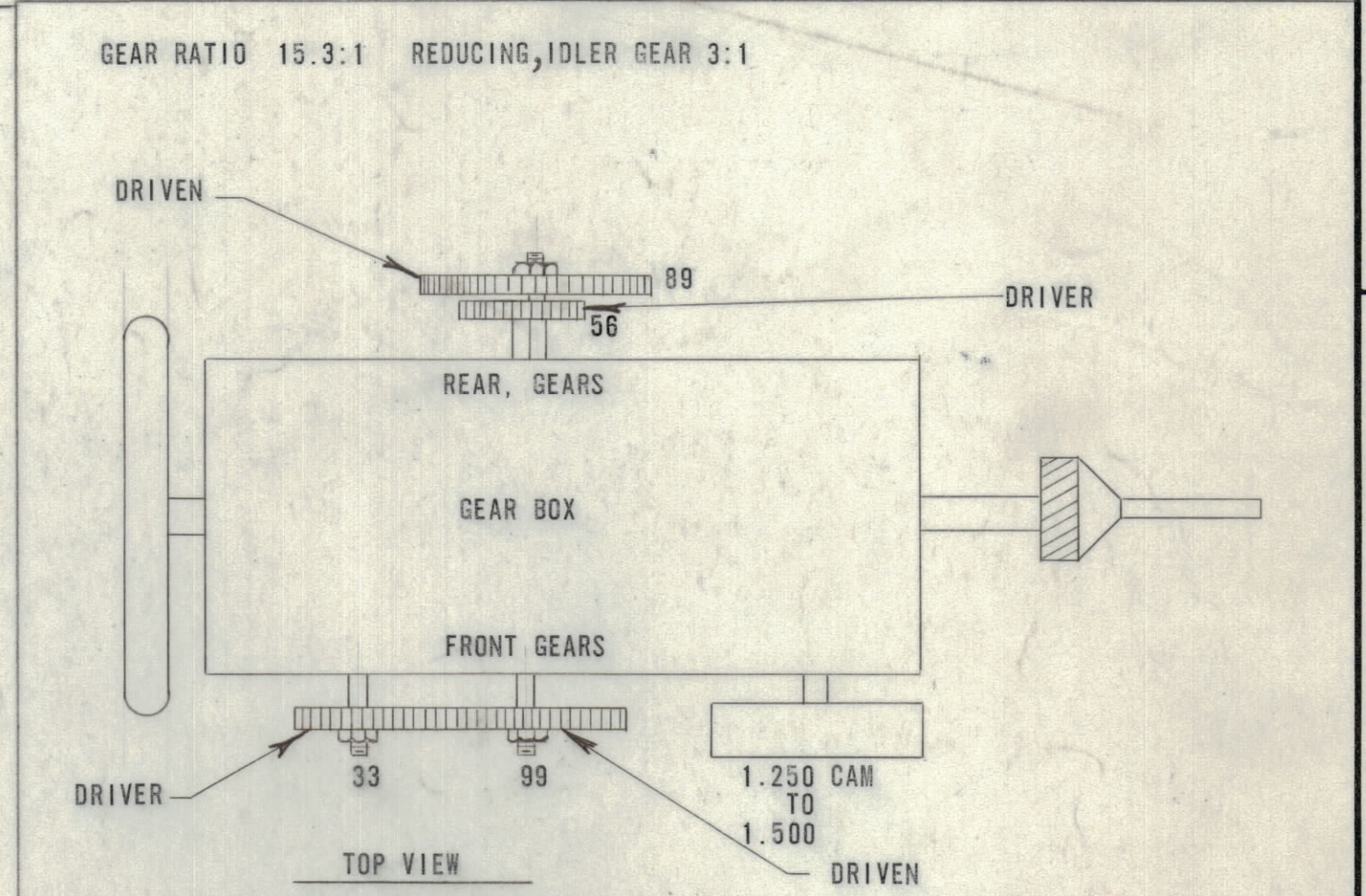
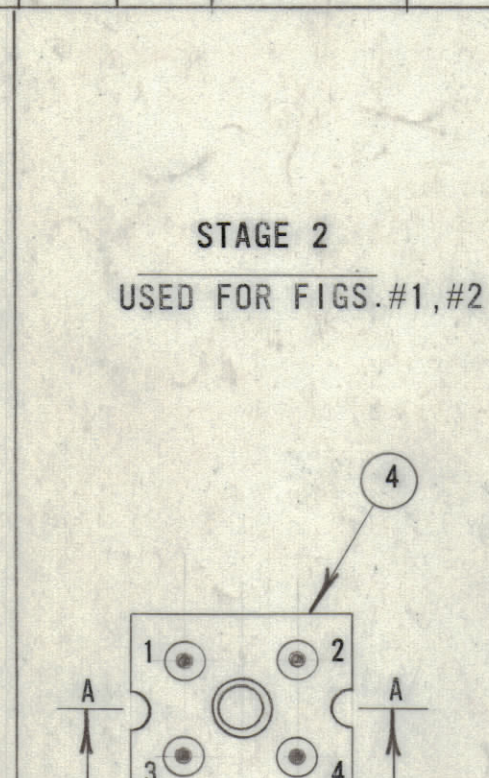
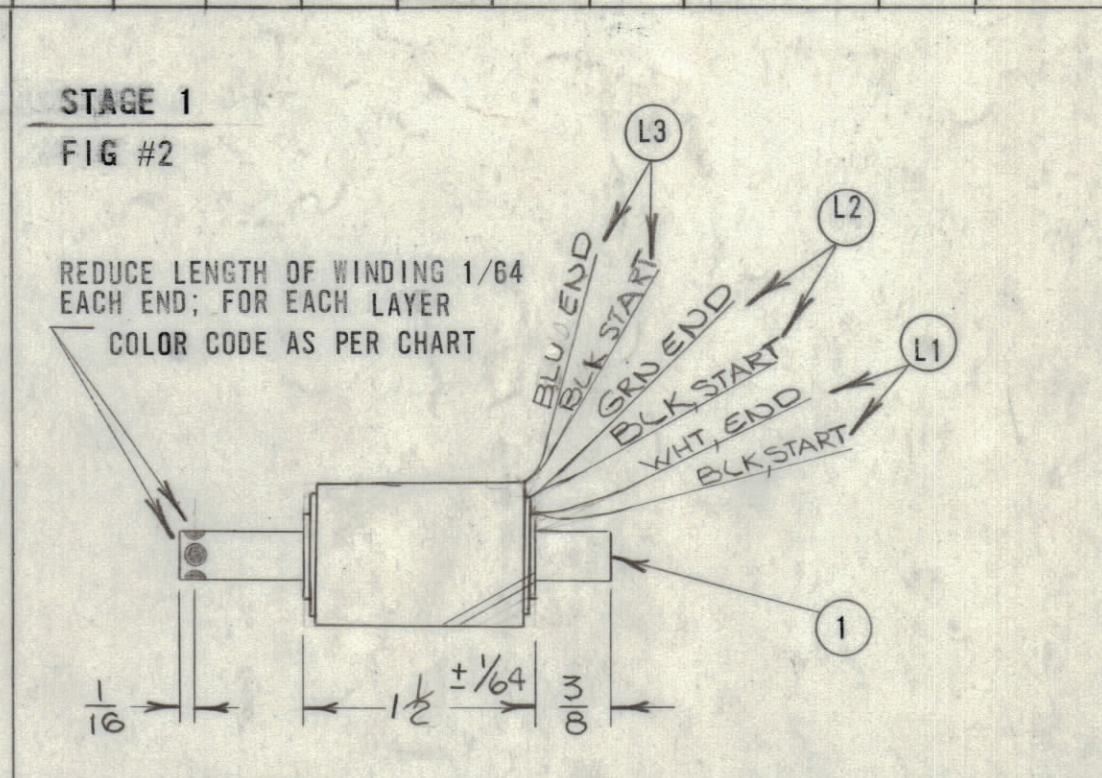
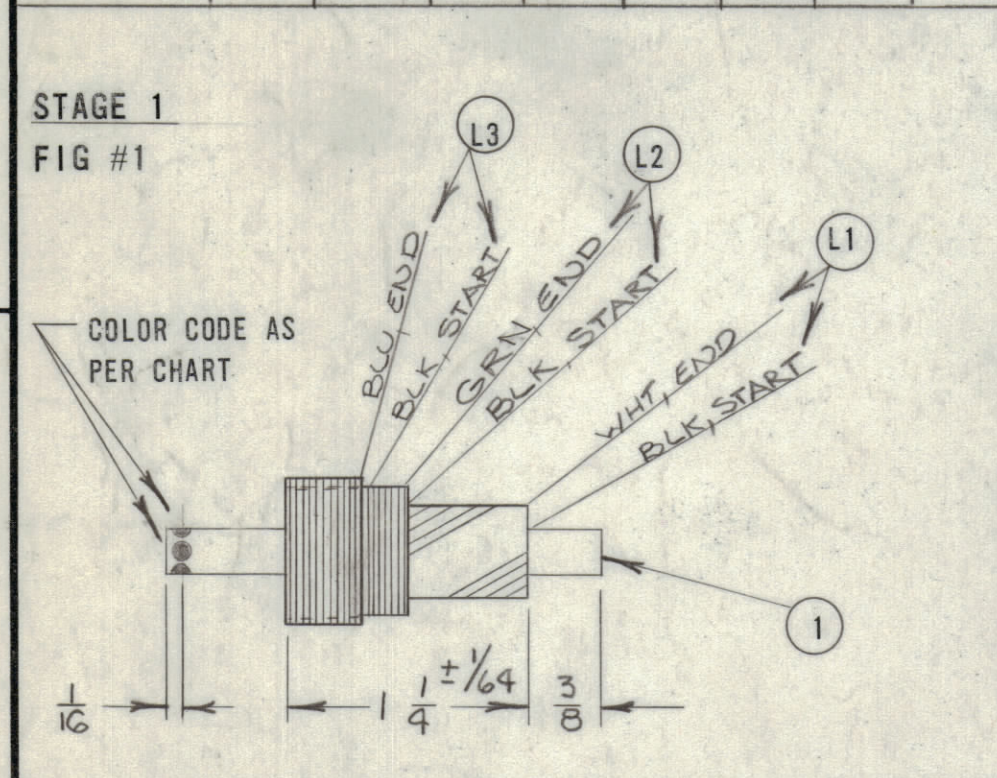


TMC P/N	NUMBER OF TURNS			TEST FREQUENCY				TEST FREQUENCY				TEST FREQUENCY				COLOR CODE COIL FORM	BAND	R.F.	REQ.	FIG	DISTRIBUTED CAPACITANCE
	L ± 1%			L ± 1%				L ± 1%													
	L1	L2	L3	F	L	Q	R	F	L	Q	R	F	L	Q	R						
TT209-1	1219	214.5	71.5	10Kc	3.18mH	11 MIN	15.65	10Kc	263 uH	3.5	2.292	10Kc	34.5	1	1.438	—	1	1 ST	1	2	20 pF
-2	735	171.6	57.2	10Kc	0.89mH	6.5MIN	8.1	10Kc	110 uH	2.5	2.5	10Kc	14.4	0.7	0.92	—	2	1 ST	1	2	—
-3	466	129	43	10Kc	303mH	4.3	4.6	10Kc	45.8 uH	1.5	1.02	10Kc	6.54uH	0.3	0.6	—	3	1 ST	1	2	27 pF

REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X	EXPERIMENTAL RELEASE	11/7/67	X	C.V.		
	Ø	ORIGINAL RELEASE FOR PRODUCTION	1-8-68	Ø	R.G.		



NOTE: ALL ELECTRICAL MEASUREMENTS IN AIR NO SLUG

PROCEDURE

- ASSEMBLE ITEM 1 TO ITEM 3 USING ITEM 4. BAKE AT 250°F FOR 1 HOUR.
- WIND L1, FIRST, STARTING 3/8" FROM END OF COIL FORM.
- WHEN L1 WINDING IS COMPLETED, PULL OUT A LOOP OF WIRE.
- START L2 WHERE L1 ENDS. WHEN L2 WINDING IS COMPLETED, PULL OUT A LOOP OF WIRE
- START L3 WHERE L2 ENDS.
- STAKE LEADS TO COIL FORM WITH ITEM 7.
- ALL WINDINGS ARE WOUND WITH THE GEAR RATION SHOWN.
- L2 IS CLOSE WOUND ON TOP OF L1 AS SHOWN IN FIG. 2, AND IN SAME DIRECTION AS L1.
- L3 IS CLOSE WOUND ON TOP OF L2 AS SHOWN IN STEP 1 FIG 1, AND IN SAME DIRECTION AS L2.
- CUT ALL LEADS TO WITHIN 1" OF BASE OF COIL FORM. STRIP AND TIN TO BASE OF COIL FORM.
- COLOR CODE LEADS, TERMINAL BOARD AND COIL FORM AS SHOWN.
- TEST INDUCTANCE AS PER CHART ABOVE PRIOR TO CONNECTING LEADS TO TERMINAL BOARD.
- SOLDER LEADS TO RESPECTIVE TERMINALS AND ASSEMBLE AS SHOWN

NOTES

- MAINTAIN _____ TO _____ GRAMS TENSION ON WIRE GUIDE. CHECK TENSION FREQUENTLY.
- TEST IN ACCORDANCE WITH

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	GL103	ADHESIVE, N-CEL	
X	6	BS100	SOLDER, TIN ALLOY	
I	5	BX221	CASE, TUNING COIL	
I	4	LD2255(MS5204)	PLATE, COVER	
X	3	GL125	ADHESIVE, EPOXY SEALANT	
X	2	W1141-30-2	WIRE, ELECTRICAL	
I	1	CF137-2.250	COIL FORM	

LIST OF MATERIAL

A. MARTINENGO

FINAL APPROVAL: *SPM* DATE: 1-8-68
 MECH. DES.: *abw* DATE: 1-5-68
 ELECT. DES.: *abw* DATE: _____
 CHECKED: _____ DATE: 1-5-68
 DRAWN: *Wachman* DATE: 9-25-67

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TRANSFORMER ASSEMBLY, 1ST R.F.

MATERIAL	FINISH	SIZE	CODE IDENT.NO.	DWG NO.	ISSUE
		C	82679	TT 289	Ø
SCALE		SHEET		OF	