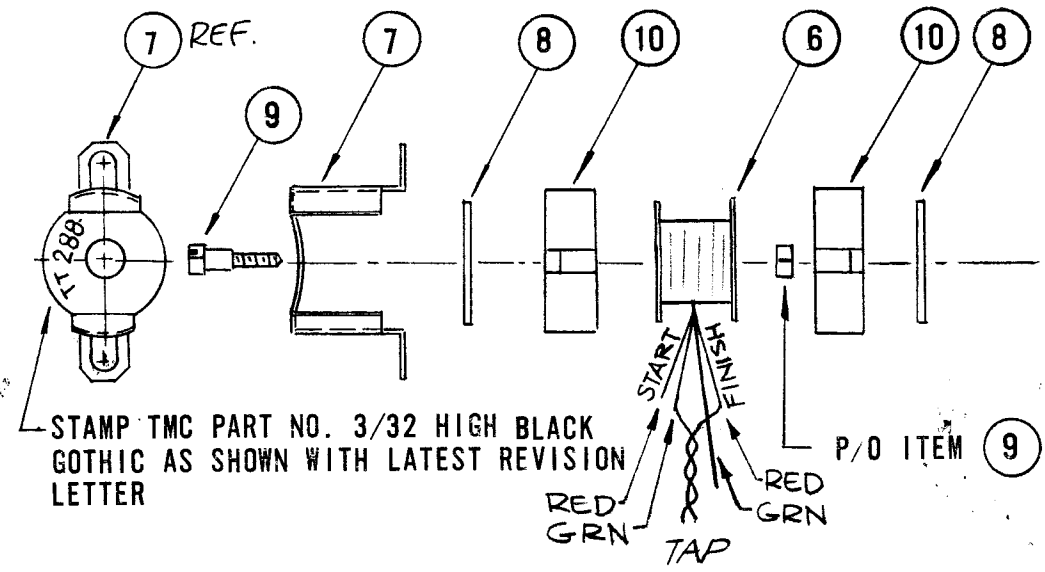


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	8/7/67	X	C.V.	
	XI	ADDED TAP	3.12.68	+		
	Ø	ORIG. RELEASE FOR PROD	3-13-68	Ø	R.G.	



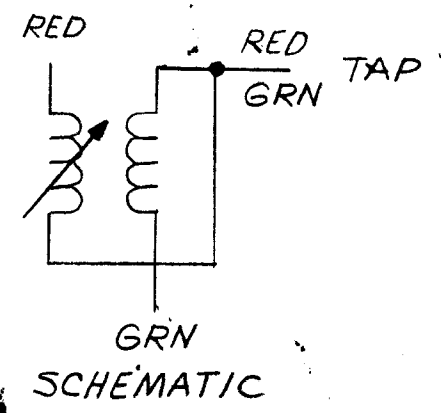
NOTES:

- SOLENOID WIND 40 TURNS OF ITEM #1 AND #2 SIMULTANEOUSLY (BIFILAR MANNER). STAKE ENDS WITH ITEM #4 (TAG START OF WINDINGS)
- BAKE FOR 30 MINUTES AT 150°F. REMOVE FROM OVEN & COAT COIL WITH ITEM #3.
- COAT CORE SURFACE (ITEM #10) WITH ITEM #5.
- ASSEMBLE AS SHOWN.
- STRIP AND TIN LEADS (MINIMUM LENGTH OF 2 INCHES).
- CHECK BY SEPARATING WINDINGS (RED FROM GRN) AND TEST EACH INDIVIDUALLY AS INDICATED UNDER ELECTRICAL SPECIFICATIONS.

ELECTRICAL SPECIFICATION

TEST IN Q METER (FLUSH CORE 40T GRN OR RED)
 SET FREQ.= 340 Kc
 Q= 70 MIN
 C= 100 TO 375 pF

FOR REFERENCE ONLY: (40T SINGLE WINDING)
 C DIST.= 30 pF
 L= 500 uH TO 1000 uH
 Q= 100 AT 340 Kc



* MEASURED WITH BOONTON "Q" METER MODEL 260A, OR EQUIVALENT TUNING SLUG (ITEM #9) FLUSH

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
	1	10	CI 132	CORE, CUP
	1	9	CI 133	CORE, ADJ TUNING
	2	8	WA140-1	WASHER, NON-METALLIC
	1	7	CU148-1	RETAINER, SUP CORE
	1	6	SF135-4	FORM, COIL 2 FLG
X	5	GL129	ADHESIVE, QUICK SETTING	
X	4	GL103	ADHESIVE-N-CEL	
X	3	GL130	ADHESIVE Q DOPE	
X	2	WI 141-30-5	WIRE, ELEC. MAGNET INS.	
X	1	WI 141-30-2	WIRE, ELEC. MAGNET INS.	

O. POSE LIST OF MATERIAL

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL <i>[Signature]</i>	DATE 3-13-68
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0°-30'	ELECT. DES. <i>[Signature]</i>
		CHECKED <i>[Signature]</i>
		DRAWN <i>[Signature]</i>

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

TRANSFORMER, TUNABLE

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SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	TT 288	
SCALE		SHEET	OF