A-2127 F

COIL FORM ASSEMBLY

1. Cement terminal rings to coil form with item 3 in position shown.
2. Color code coil form as shown.

WINDING MACHINE DATA

Rack gear	25
Rack driver gear	100

WINDING DATA

1. Starting at green wind on 9¼ turns of item 2. Bring out twisted tap 1" long to yellow lug.
2. Continue winding for 3 1/4 turns ending at black lug for a total of 12 1/2 turns.
3. Stake leads to coil form with item 3. Strip tin & solder leads and tap to lugs as shown.
4. Bake for 1/2 hour at 215°F.
5. Saturate coil with item 5. Bake for 1/2 hour at 215°F.
6. Solder connect test leads to lugs. (Approx 1 1/4" #22 buss bar). Test as below. Remove test leads.
7. Solder connect capacitors in place as shown. Tie capacitors to coil with item 14 seal knots with item 3.
8. Assemble items 10, 11, 12 to coil. Cement item 11 to form with item 13. Tack item 12 at one point (13).

WINDING	L uh	Q	F
L 1	1.2 - 1.5	105 or greater	7.9 MC

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
F	IT 10 WAS C1109-8; IT 11 WAS SM142.	2.26.65	13561			
E	ITEM 10, WAS C1-109-13	5.22.64	11444			
D	ITEM #10 WAS CI-109-8	9/26/63	10065			
C	ITEM 14 WAS CD-101-3-MW	3-5-63	8402			
B	ON WINDING L uh WAS 1.1 - 1.25	2-12-63	8231			
A	SYMBOLS, C181 WAS C256 C183 WAS C161, C182 WAS C160	1-22-63	8031			

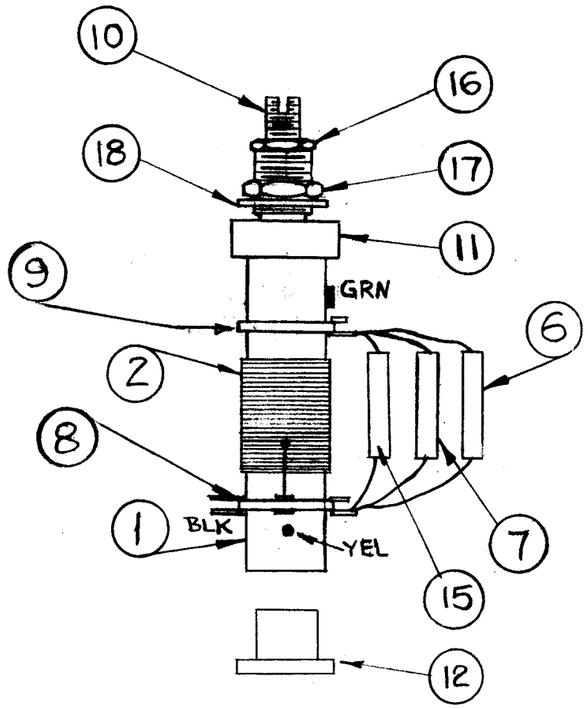
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE:

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

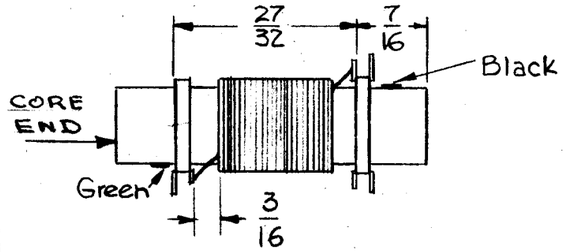
TMC FORM NO. 109

COLLAR ASS'Y



NOTE: KEEP CAPACITOR LEADS SHORT BUT DO NOT ALLOW ANY CAP. TO TOUCH A LUG.

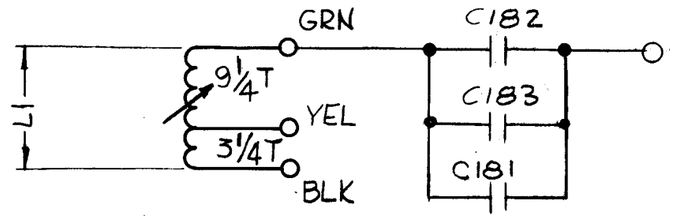
NOTE: FOR IDENTIFICATION STAMP THE NUMBER TT-144 ON COIL FORM IN ANY CONVENIENT SPOT



— COIL SPACING —

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
1	GPR92	HF OSC.	T121	10-16-62

USED ON



— SCHEMATIC — 5.4-9.6MC

NOTICE TO PERSONS RECEIVING THIS DRAWING

THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

Property of:
THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

REQ.	ITEM	PART NO.	STRUMER DESCRIPTION	SYMBOL
1	18	LWI25MRN	LOCKWASHER, INTERNAL TOOTH	
1	17	NT-102	NUT, HEX	
1	16	NTH0632BN8	NUT, HEX	
1	15	CM15C101J	CAPACITOR, FIXED	C181
X	14	CD-101-1MW	CORD, LACING	BLACK
X	13	GL-111	CEMENT, "INSA-LUTE"	
1	12	FS-114-2	FASTENER, WELLNUT	
1	11	SM-143-4	BUSHING, COIL MTG	
1	10	CI-109-19	CORE	
1	9	TE-146-1	TERMINAL RING	
1	8	TE-146-3	" "	
1	7	CC35CG910J	CAPACITOR, FIXED	C183
1	6	CC45SH221J	" "	C182
X	5	GL-102	Q MAX	
X	4	BS-100	SOLDER, SOFT	
X	3	GL-103	CEMENT, DUCO	
X	2	WI-107-3	WIRE, MAGNET #22 DSC	
1	1	CF-112	COIL FORM	

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TT-144 ASS'Y

COIL R.F., TUNER, BAND 4

DRAWN	CHECKER	FINAL APPROVAL
RUZZO		

ELEC. DES. APP.	MECH. DES. APP.	
		A-2127 F

DEFIANCE NO. 1020