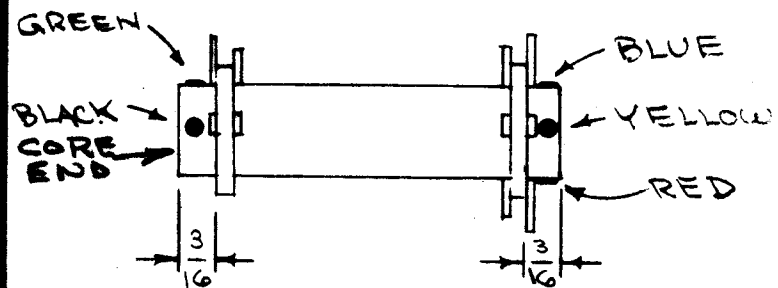


A-2475 B



COIL FORM ASSEMBLY

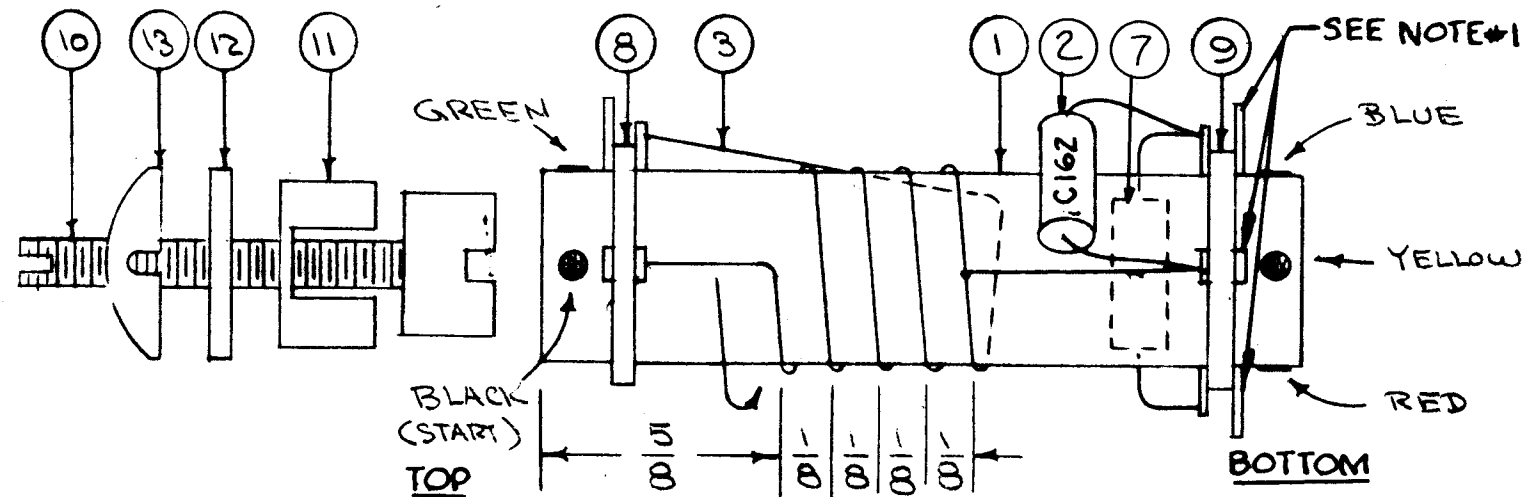
- 1- CEMENT TERMINAL RINGS TO COIL FORM WITH ITEM 4 IN POSITION SHOWN ABOVE.
- 2- COLOR CODE COIL FORM AS ABOVE.

WINDING DATA

- 1- STARTING AT BLACK LUG, APPROX. 4 3/4 TURNS OF ITEM 3 SPACE WOUND AT 1/8" INTERVALS ENDING ON GREEN LUG
2. SOLDER ON TAP AT 4TH TURN TO YELLOW LUG.
3. STAKE LEADS TO COIL FORM WITH ITEM 3, STRIP, TIN & SOLDER LEADS AS SHOWN
- 4- BAKE 1/2 HOUR AT 215° F.
- 5- COAT COIL WITH ITEM 5. BAKE FOR 1/2 HOUR AT 215° F.
- 6- REPEAT STEP 5
- 7- SOLDER TEST LEADS TO LUGS (APPROX. 1/4" 22 GA) TEST AS PER CHART BELOW. REMOVE TEST LEADS.
- 8- SOLDER CAPACITOR & RESISTOR IN PLACE AS SHOWN.

TEST DATA w/o CORE

L - .3 μh (.285-.315)
 Q - 115 OR GREATER
 F - 25 MC.
 USE BOONTON Q METER 160A OR EQUIVALENT.



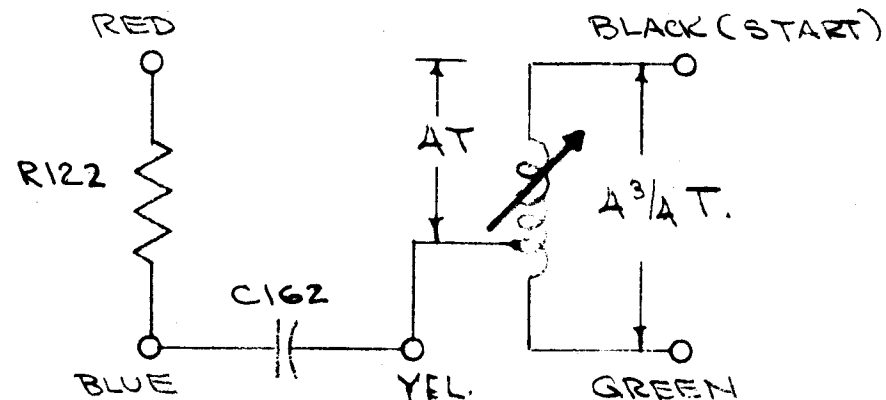
NOTE - COIL MUST BE FASTENED TO CHASSIS BEFORE ITEMS 11-12-13 ARE CEMENTED TO COIL WITH ITEM 14.

FOR IDENTIFICATION, STAMP THE NUMBER TT-187 ON TOP OF THE COIL FORM.

NOTE: #1 COMPONENT MAY BE ASSEMBLED TO EITHER END OF LUG (TE-146-2A).



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 14	GL-111	CEMENT, "INSA-WTE"	
1 13	FS-112	FASTENER	
1 12	WA-125-2	WASHER, FIBER	
1 11	NT-112	NUT, SPEED	
1 10	CI-109-12	CORE	
1 9	TE-146-3	TERMINAL RING	
1 8	TE-146-2A	" "	
1 7	RC42GF153J	RESISTOR, FIXED	R122
X 6	BS-100	SOLDER, SOFT	
X 5	GL-102	Q MAX	
X 4	GL-103	CEMENT, DUCO	
X 3	WI-107-5	WIRE, MAGNET #24 DSC	
1 2	CC21SL220K	CAPACITOR, FIXED	C162
1 1	CF-112	COIL FORM	



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	NOTE, WINDING DATA PICTORIAL CLARIFIED, NOTE (#1) ADDED.	7-18-63	9515	AK	MP	[Signature]
A	1	SYMBOLS, C162 WAS C140 R122 WAS R123	1-19-63	8031	[Signature]	[Signature]	[Signature]

1	GPR-92	TT17	10-16-62
REQ. PER UNIT	MODEL	PROJECT NO.	SYMBOL NO.
USED ON			

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TT-187 ASSY			
TRANSFORMER, RF, TUNED (1ST MIXER)			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		[Signature]	[Signature]
		A-2475 B	