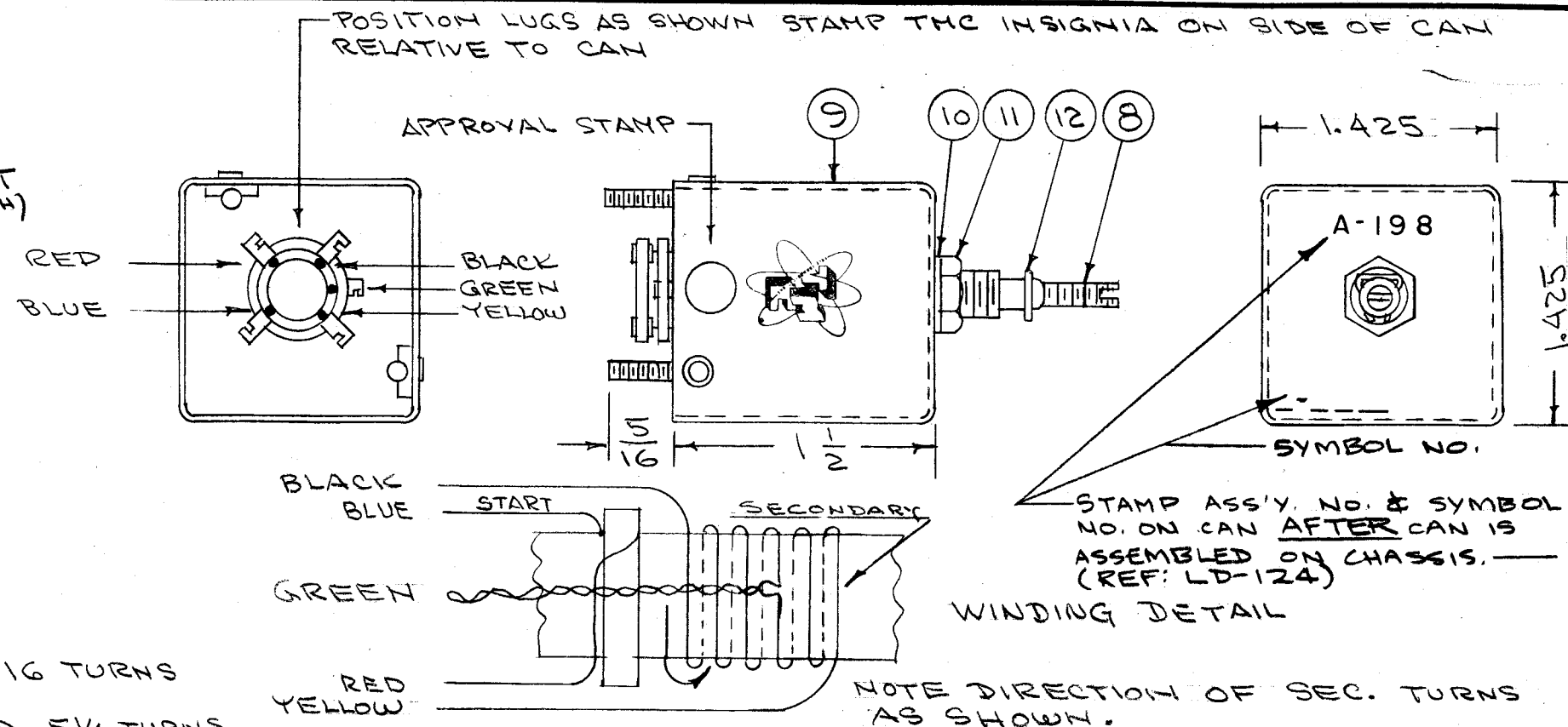
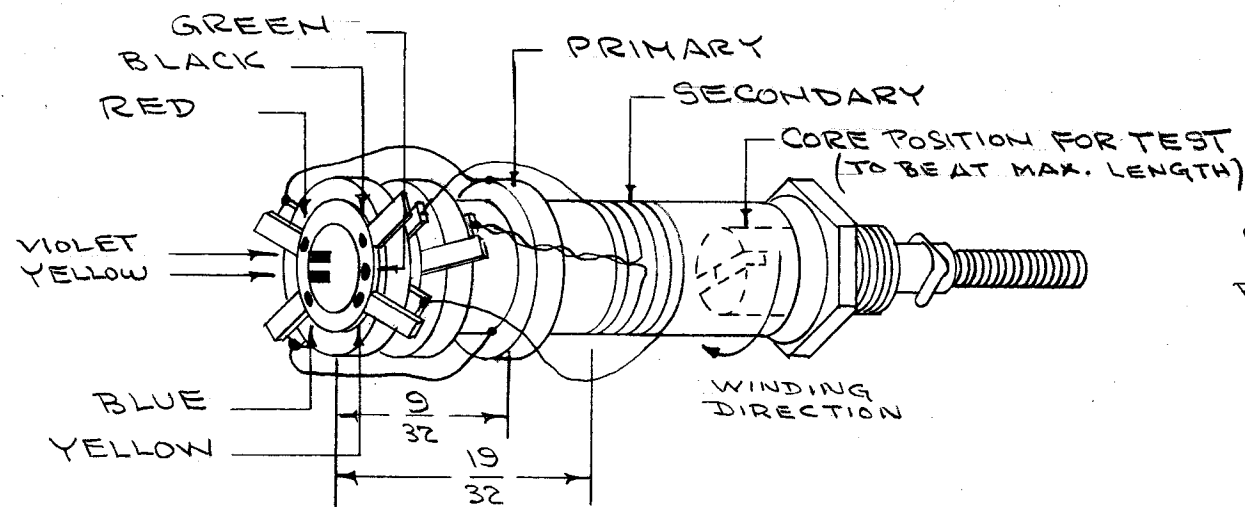


CEMENT ITEMS 6&7 (COLLAR) TO COIL FORM WITH ITEM 4
 COLOR CODE END OF COIL FORM AS BELOW.



WINDING MACHINE DATA (FOR PRIMARY.)

- DRIVER GEAR - 81
- CAM GEAR - 86
- CAM - .093

WINDING DATA

- 1- PRIMARY- STARTING AT BLUE LUG, UNIVERSAL WIND 16 TURNS OF ITEM 2 ENDING AT RED LUG. (SEE DETAIL)
- 2- SECONDARY- STARTING AT BLACK LUG, CLOSE WIND 5 1/4 TURNS OF ITEM 3 ENDING AT YELLOW LUG. TAP TO GREEN LUG AT 3/8 TURNS FROM START. (SEE DETAIL)
- 3- STAKE LEADS WITH ITEM 4.
- 4- BAKE FOR 1/2 HOUR AT 215° F.
- 5- SATURATE COILS WITH ITEM 5 (Q MAX)
- 6- BAKE FOR 1/2 HOUR AT 215° F.
- 7- REPEAT STEPS 5 AND 6.
- 8- STRIP, TIN & SOLDER CONNECT LEADS AS ABOVE.

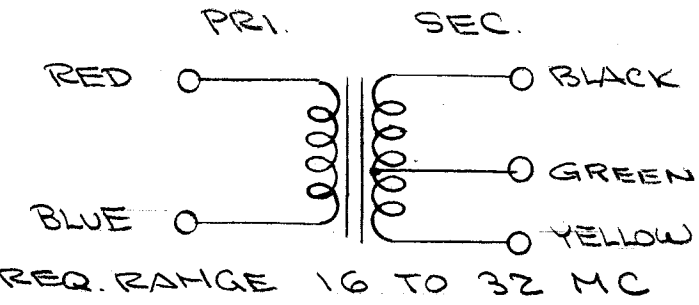
TEST DATA (SEE ABOVE FOR CORE POSITION)

TEST LEADS 1/4 APPROX. NO CAN NEEDED FOR TEST

	PRIMARY		SECONDARY	
	RED/BLUE	BLACK/YELLOW	BLACK/GREEN	
L μ h	5.4 (5.15 - 5.65)	.55 (.525 - .575)	.26 (.247 - .273)	
Q	65 OR GREATER	* 130 OR GREATER	80 OR GREATER	
F	7.9 MC	25 MCS	25 MCS	

USE BOOTHON Q METER 160 A OR EQUIV.

* TO GET 130 OR GREATER PLACE 12 μ mf CAPACITOR ACROSS RED/BLUE.



NOTE: THE LAST 3/4 TURN (APPROX) OF PRIMARY TO BE WOUND ADJACENT TO WINDING TO OBTAIN A NOMINAL L OF 5.4 μ h

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 13	BS-100	SOLDER, SOFT	
1 12	SP-102	SPRING LOCK P/O CF-114	
1 11	NT-102	NUT, HEX P/O CF-114	
1 10	LWJ 25 MRN.	WASHER LOCK P/O CF-114	
1 9	A-173	CAN ASSY.	
1 8	CI-109-19	CORE	
1 7	TE-146-2	COLLAR & LUGS	
1 6	TE-146-1	" " "	
X 5	GL-102	Q MAX A27	
X 4	GL-103	CEMENT, DUCCO	
X 3	WI-102-6-0	WIRE, #24 SCE	
X 2	WI-107-15	WIRE, #34 DSC	
1 1	CF-114-3	COIL FORM	

ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
2	ON CHART "PRI" Q WAS 75 ON CHART "SEC" Q WAS 95 ON WINDING DETAIL "START" TO BLUE ADDED - ON PICTORIAL LEADS RED & BLUE RELOCATED	9-1-66	16822	Jc	CB	
1	ON WINDING DATA BLUE WAS RED & "RED" WAS BLUE	7-9-63	9514	G.D.L	N.P.	
1	COMPLETE REVISION SUPERSEDES A-197	10/8/56	2		P.L.X. ATT	

TOLERANCES
 DIM. \pm
 S. DIM. \pm
 ULAR DIM. \pm

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

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	FFRD-8	104	A-327	10-8-56

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TRANSFORMER ASSY.			
R.F., T801, BAND 8			
TYPE & TEMPER		HEAT TREAT. SPEC.	FINISH & SPEC. NO.
DRAWN		CHECKED	FINAL APPROVAL
P.L.X.			A-198 D
ELEC. DES. APP.		MECH. DES. APP.	