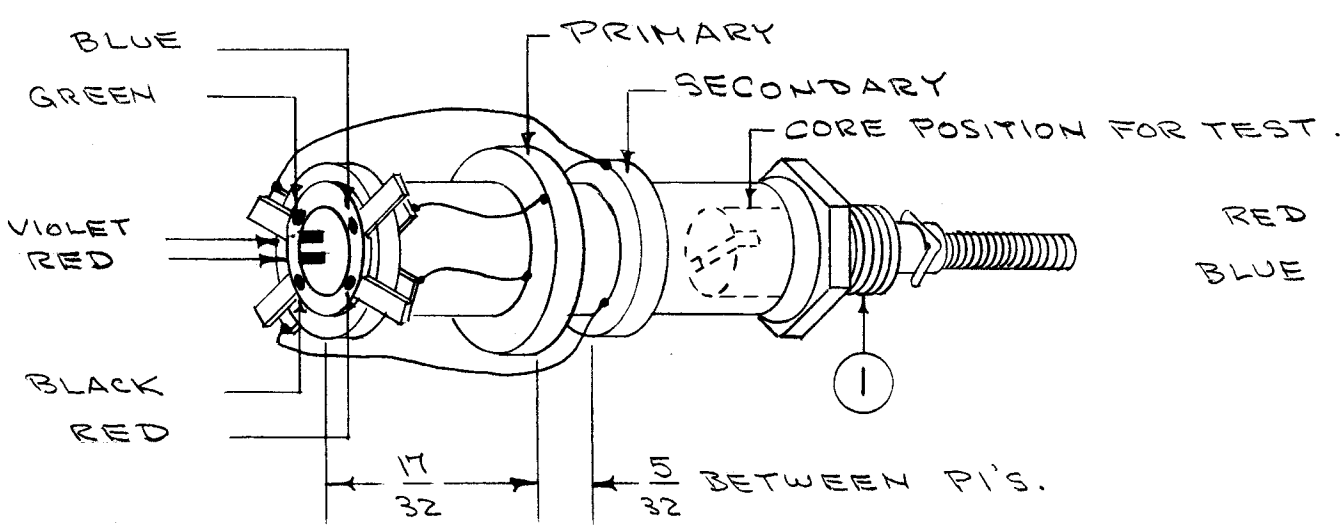
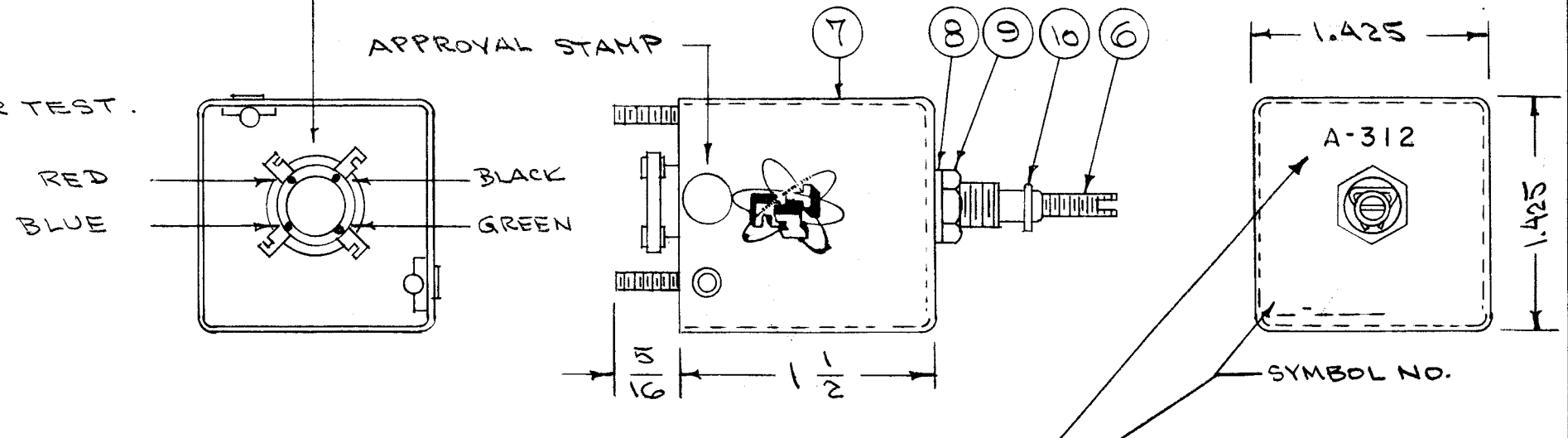


B
A-312

CEMENT TERMINAL RING TO COIL FORM WITH ITEM 3.
COLOR CODE END OF COIL FORM AS BELOW.



POSITION LUGS AS SHOWN
RELATIVE TO CAN.
STAMP TMC INSIGNIA ON SIDE OF CAN.



STAMP ASS'Y. NO. & SYMBOL NO.
ON CAN AFTER CAN IS ASSEMBLED
ON CHASSIS. (REF: LD-124)

WINDING MACHINE DATA

DRIVER GEAR	81
CAM GEAR	86
CAM	.093

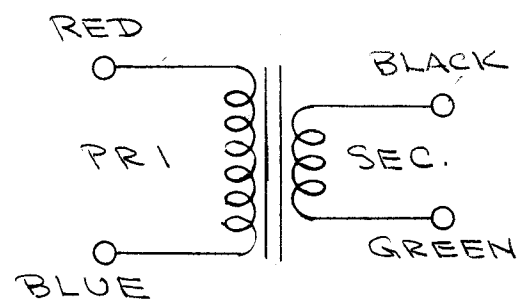
WINDING DATA (UNIVERSAL WINDING)

- 1- PRIMARY - STARTING AT RED LUG WIND ON 100 TURNS OF ITEM 2 ENDING ON BLUE LUG.
- 2- SECONDARY - STARTING AT BLACK LUG WIND ON 45 TURNS OF ITEM 2 ENDING ON GREEN LUG.
- 3- STAKE COIL ENDS WITH ITEM 3.
- 4- BAKE FOR 1/2 HOUR AT 215° F.
- 5- SATURATE COILS WITH ITEM 4. (Q MAX)
- 6- BAKE FOR 1/2 HOUR AT 215° F.
- 7- REPEAT STEPS 5 AND 6.
- 8- STRIP, TIN & SOLDER CONNECT LEADS TO LUGS.

TEST DATA (SEE ABOVE FOR CORE POSITION)
TEST LEADS TO BE APPROX. 1/4". NO CAN NEEDED FOR TEST.

	PRIMARY	SECONDARY
	BLUE/RED	GREEN/BLACK
L _{uh}	200 (190-210)	42 (39.9 - 44.1)
Q	35 OR GREATER	30 OR GREATER
f	790 KC	2.5 MC

USE BOONTON Q METER 160 A OR EQUIV.



FREQ. RANGE - 1.95 - 4.1 M.C.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	11	BS-100	SOLDER, SOFT	
1	10	SP-102	SPRING LOCK P/O CF-114	
1	9	NT-102	NUT, HEX P/O CF-114	
1	8	LW25LRC	WASHER, LOCK P/O CF-114	
1	7	A-173	CAN ASSEMBLY	
1	6	CI-109-19	CORE	
1	5	TE-146-A	COLLAR & LUGS	
X	4	GL-102	Q MAX A-27	
X	3	GL-103	CEMENT, DUCCO	
X	2	WI-107-15	WIRE, #34 DSC	
1	1	CF-114-3	COIL FORM	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	INT TEST DATA CHART PRI-35 WAS TO SEC. 30 WAS 35	1/20/64	10670			
A	1	COMPLETE REVISION SUPERCEDES A-308	8/28/56	1			

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	FFRD-5	104	A-328	8-28-56

STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	TRANSFORMER ASSY.	
	RF T501	BAND 5
	EDD 8/28/56	AJJ
	P.L.K.	A-312
		B