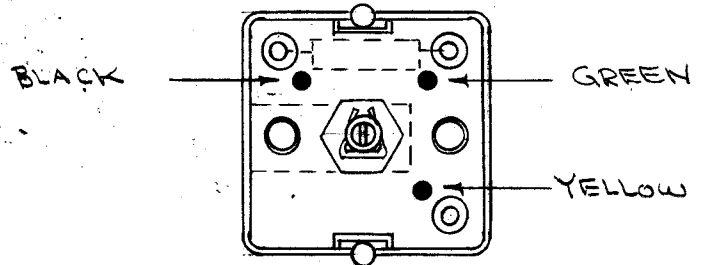
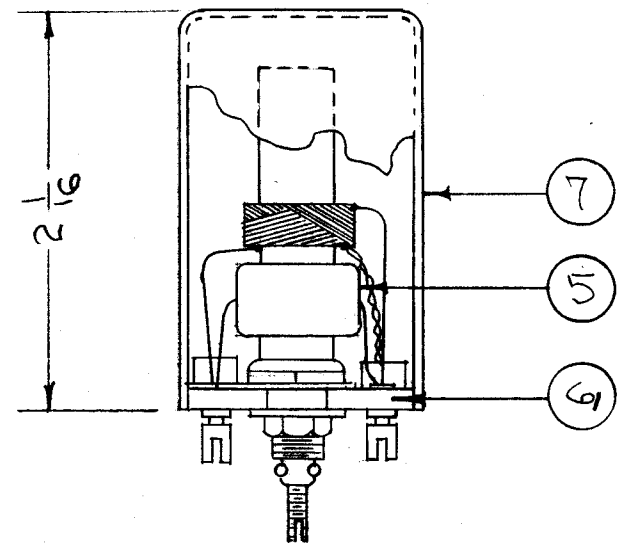
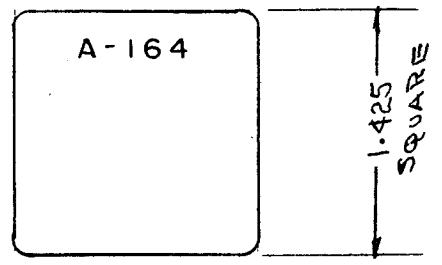


L
A
164

STAMP TOP OF CAN AS BELOW.
STAMP TMC INSIGNIA ON SIDE OF CAN.



COLOR CODE TERMINAL BOARD AS ABOVE

STAGE 2 - FINAL ASS'Y (A-164-2)

F	1	ITEM 2 WAS WI-104-5485E	2/5/64	10827	A.M.	TR.	<i>[Signature]</i>
E	1	STAGE (1) & (2) IDENTIFICATION ADDED	3/25-63	8643	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
D	1	ON COIL MACHINE DATA CAM WAS .125	7-30-62	6995	SG	W.C.F.	<i>[Signature]</i>
C	1	REDRAWN COMPLETE REVISION	8/14/56	3	edd	P.L.X.	A.J.J.
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES		SCALE:	
DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	1	FFR
FRAC. DIM. ±		REQ. PER UNIT	MODEL
ANGULAR DIM. ±			PROJECT NO.

COIL MACHINE DATA

CAM GEAR 105
DRIVER GEAR 69
CAM .250

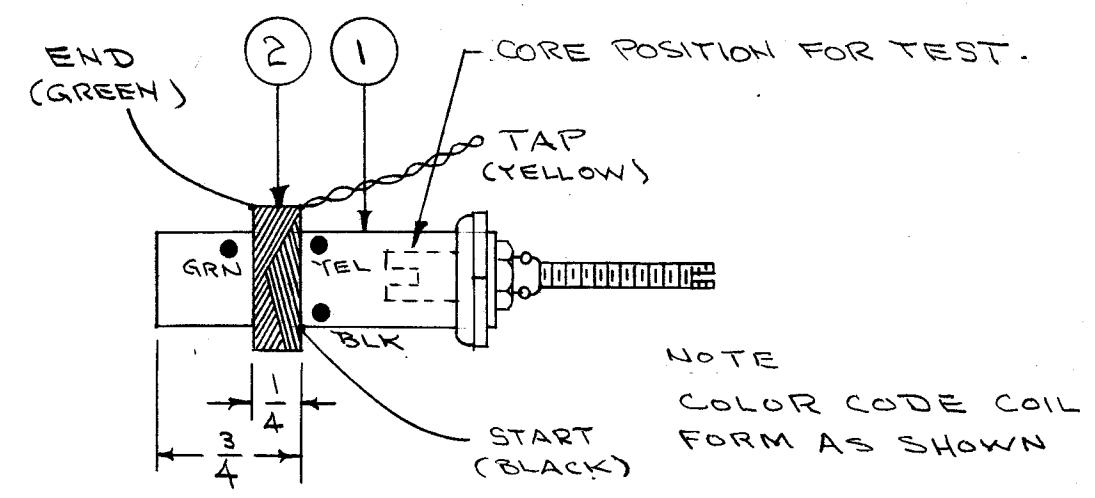
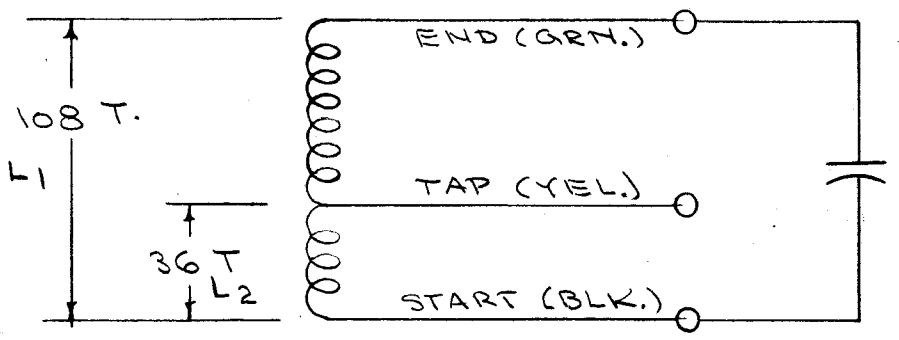
WINDING DATA

- 1- 1 PI - 108 TURNS OF ITEM 2. BRING OUT TAP AT 36th TURN FROM START. (LEAVE 3" LEADS).
- 2- CEMENT LEADS & TAP TO COIL FORM WITH ITEM 3, BAKE 1/2 HOUR AT 215° F.
- 3- SATURATE COIL WITH ITEM 4, BAKE FOR 1 HOUR AT 215° F.
- 4- TEST AS BELOW. NOTE THAT CORE IS TURNED TO BASE OF COIL FOR TEST.
- 5- ASSEMBLE AS PER SCHEMATIC AND DRAWING AT LEFT.

TEST DATA

LOGS	* L μH	* Q	F	** APP. RES.
GRN/BLK.	179 (170-188)	80 OR GREATER	790 KC	4.5 Ω
GRN/YEL	114 (108-120)	55 " "	900 KC	3.1 Ω

* BOONTON Q METER 160A OR EQUIV.
** SIMPSON OHMETER 260 OR EQUIV.



STAGE 1 - COIL (A-164-1)

NOTE
COLOR CODE COIL FORM AS SHOWN

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 8	BS-100	SOLDER, SOFT	
1 7	A-163	CAN ASSY.	
1 6	A-162	TERM. BD. ASSY.	
1 5	CM20C511G	CAPACITOR, FIXED	
X 4	GL-10A-2	INSULEX, U-85	
X 3	GL-103	CEMENT, DUCO	
X 2	WI-104-541-SC-QS	WIRE, LITZ 5/41 SC, QS	
1 1	CF-102	COIL FORM	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
BFO COIL ASSEMBLY			
MATERIAL			
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

1	FFR	104		8-1A-56
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				

008/14/56
[Signature]
A.J.J.
A-164 F