

$E_{p1} = 110-120V$

$VA = 25$

$E_{F1} = 2.5V/5A CT$

$\frac{N}{E} = 6.63$

$E_{F2} = 2.5V/5A CT$

SPEC. NO.

Spero 2601

Dark spots

Winding	PR1	F1	F2				
Turns	795	18	18				
Taps	728	9	9				
Wind. Lgth.	1.25						
Wire Size	#27	#15	#15				
T.P.L.	65-13						
Kind Term.	no var brod	Wire	only				
Term. Lgth.	9"	9"	9"				
Layer Insul.	40#						
Wrapper	12007VC 12005GA	12007VC 12005GA	26005GA				

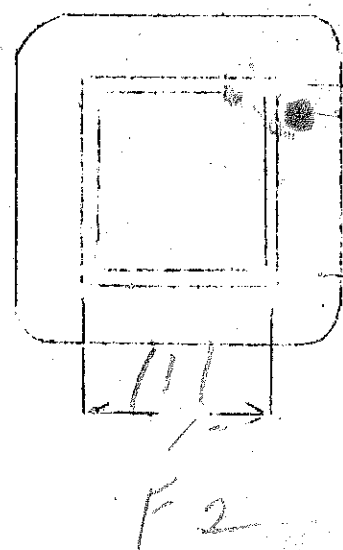
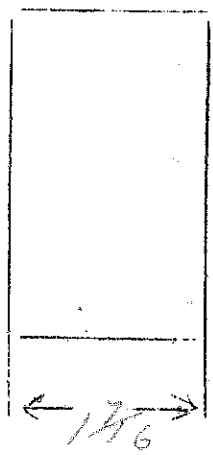
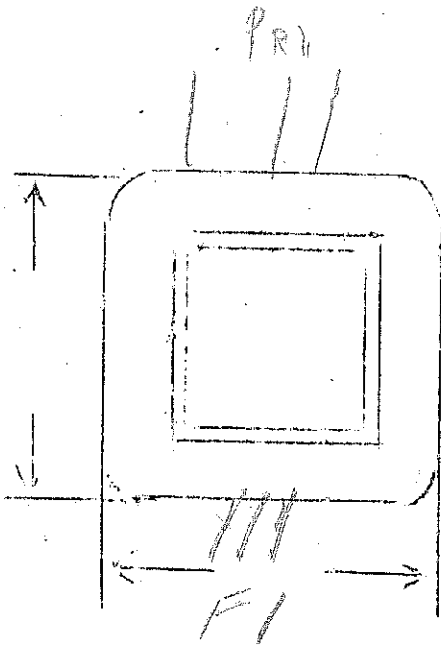
TUBE

#1007

IMPREGNATION

CURE

1" X 7/8" NW



$E_p = 110-120V.$

40VA.

5000V in

$E_{F1} = 2.5V 10A ct.$

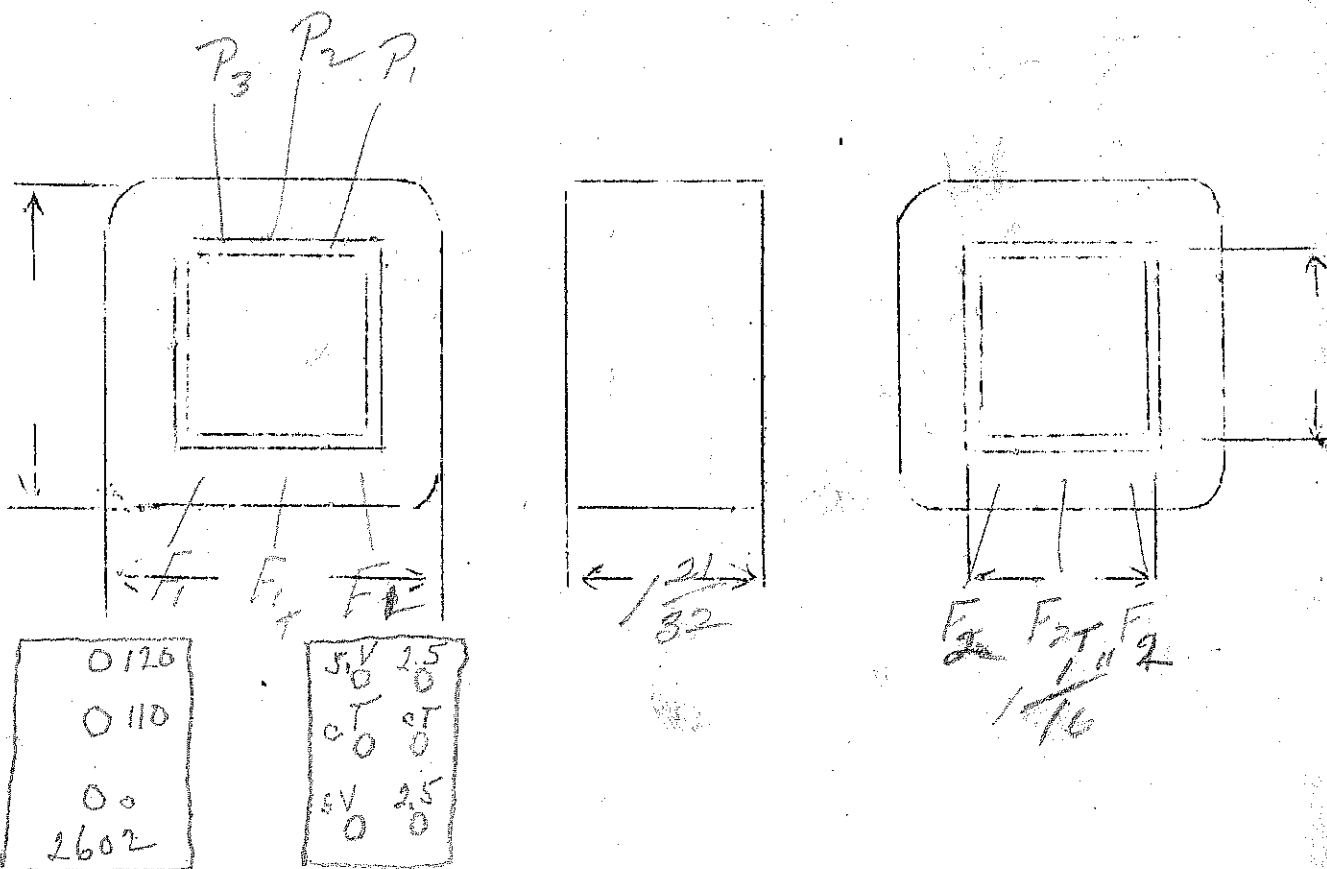
5.96 VA

$E_{F2} = 5V 3A. ct.$

SPEC. NO.

#2602

Winding	F_{P1}	F_1	F_2				
Turns	716	17	35				
Taps	656	8	17				
Wind. Lgth.	1 15/32	—	—				
Wire Size	25	12	19				
T.P.L.	70-10	—	—				
Kind Term.	5/8 Bud	Wire	only				
Term. Lgth.	6"	6"	6"				
Layer/Insul.	40#	—	—				
Wrapper	2L007VC 2L005GA	2L007VC 2L005GA	2L007VC 2L005GA				
TUBE	72007	IMPREGNATION					
CURE	1 1/16 x 7/8						



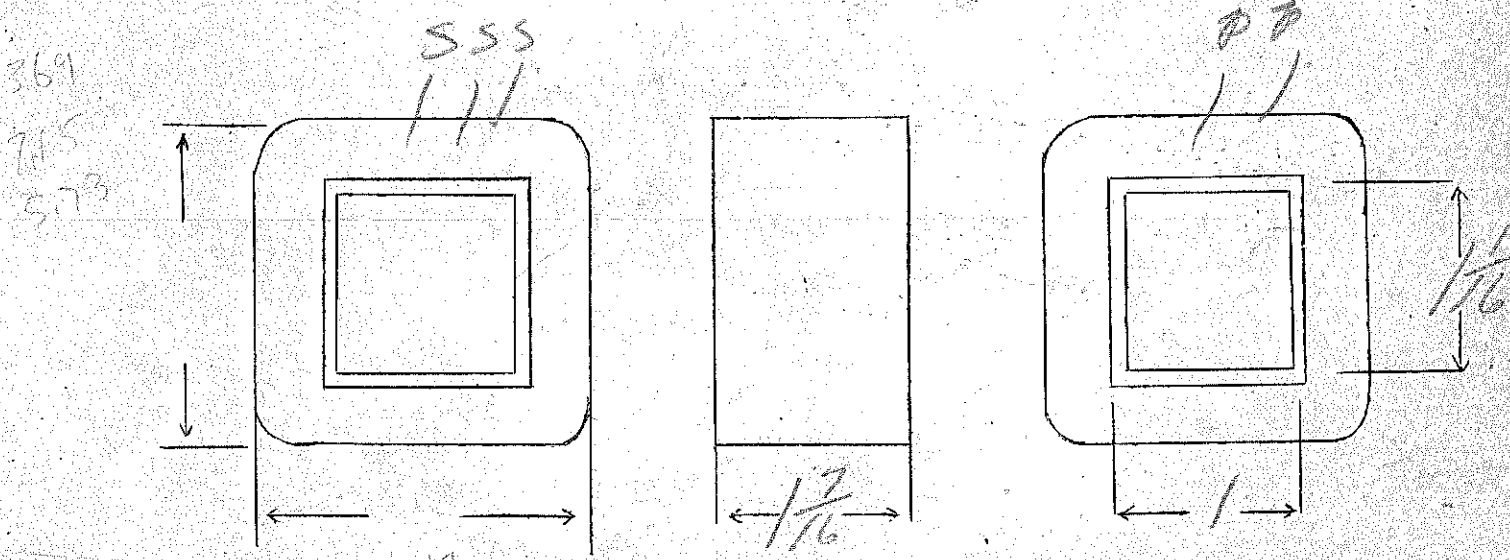
Ep = 1260
 Es = 235 Vopen - 40ma
 Ef = 5V - 2amps
 Ee = 6.3V - 2amps

$\frac{N}{E} = 4.9$

SPEC. NO. 2603-A

Winding	SEC	SHIELD	PRI	F1	F2		
Turns	3620	66	588	33	28		
Taps	1810	—	—	—	—		
Wind. Lgth.	1.25	1.25	1.25	—	—		
Wire Size	#37	#26	#26	#21	#21		
T.P.L.	228-16	66	66-9				
Kind Term.	#32 P.M.	sil M	#22 P.M.	WIRE	ONLY		
Term. Lgth.	9	3	9	9	9		
Layer Insul.	Bull 16#	—	40#	—	—		
Test Volt.	2500	—	1250	—	—		
Wrapper	12007VC	12007VC	21005BA	21005BA	21005BA		

TUBE 5Z007 IMPREGNATION VARNISH
 CORE 1 x 1/16 PRIMARY V.A.
 MOUNTING A



DESIGNED BY [Signature]

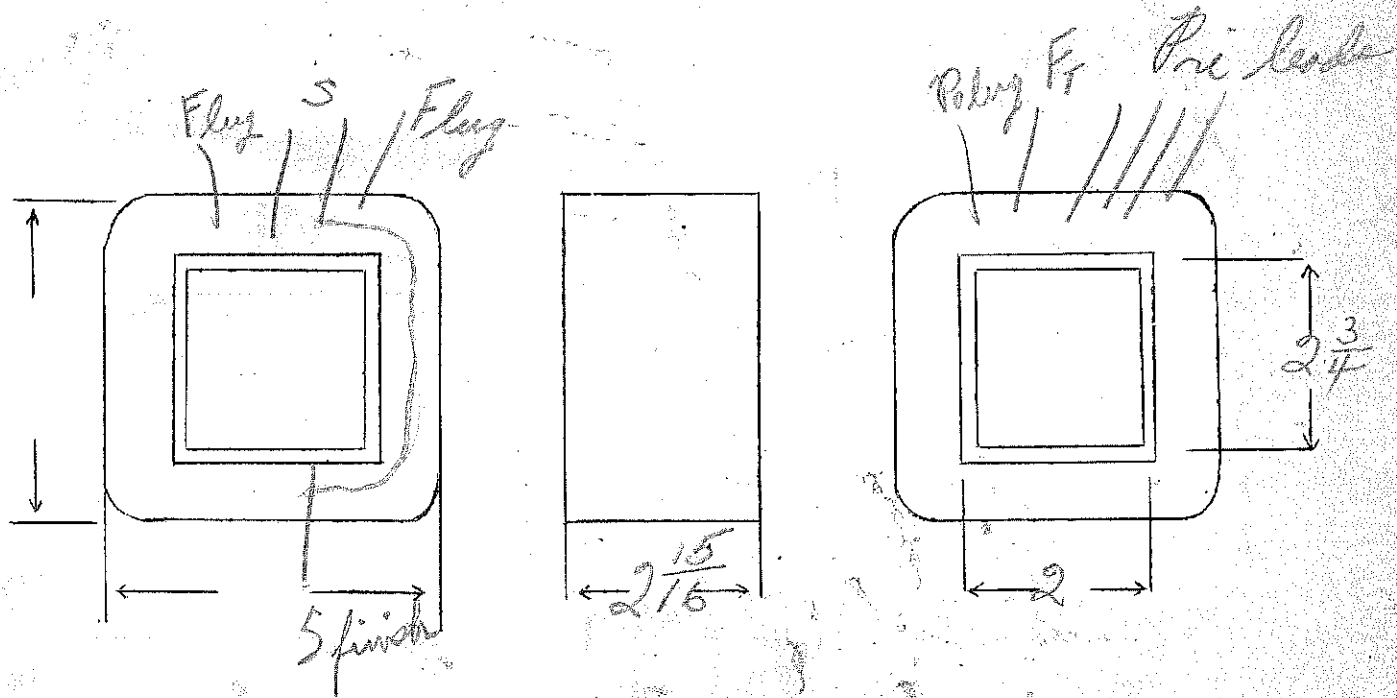
DATE 10-24-36

Ep- 110-115-120-125
 EF- 20V. CT - 3.25
 Es- 1800V-300MA 115

SPEC. NO. 2604

Winding	SEC	SHIELD	PR1	FIL			
Turns	2080	116	144 138	26			
Taps	—	—	132-127	13			
Wind. Lgth.	2 ⁷ / ₁₆	2 ⁷ / ₁₆	2 ⁷ / ₁₆				
Wire Size	#25	#25	#11	double #20	- Both strands etc.		
T.P.L.	116-18		24-6				
Kind Term.	#20 PWR BR	sl. BR	#16 P. Grid	WIRE ONLY			
Term. Lgth.	9"	3"	9"	3"			
Layer Insul.	double 30#	—	.007 K _v	—			
Test Volt.	5000	—	2500	2500			
Wrapper	3L007VC	2L005GA	2L005BA	2L005GA 1L010PR			
TUBE	10L007H/1007VC			IMPREGNATION	VARNISH		
CORE	2 x 2 ³ / ₄			PRIMARY V.A.			
MOUNTING	"C" - alum frame - half shell						

Color code same as 1445



DESIGNED BY Gww

DATE 10-26-36

Ep-115

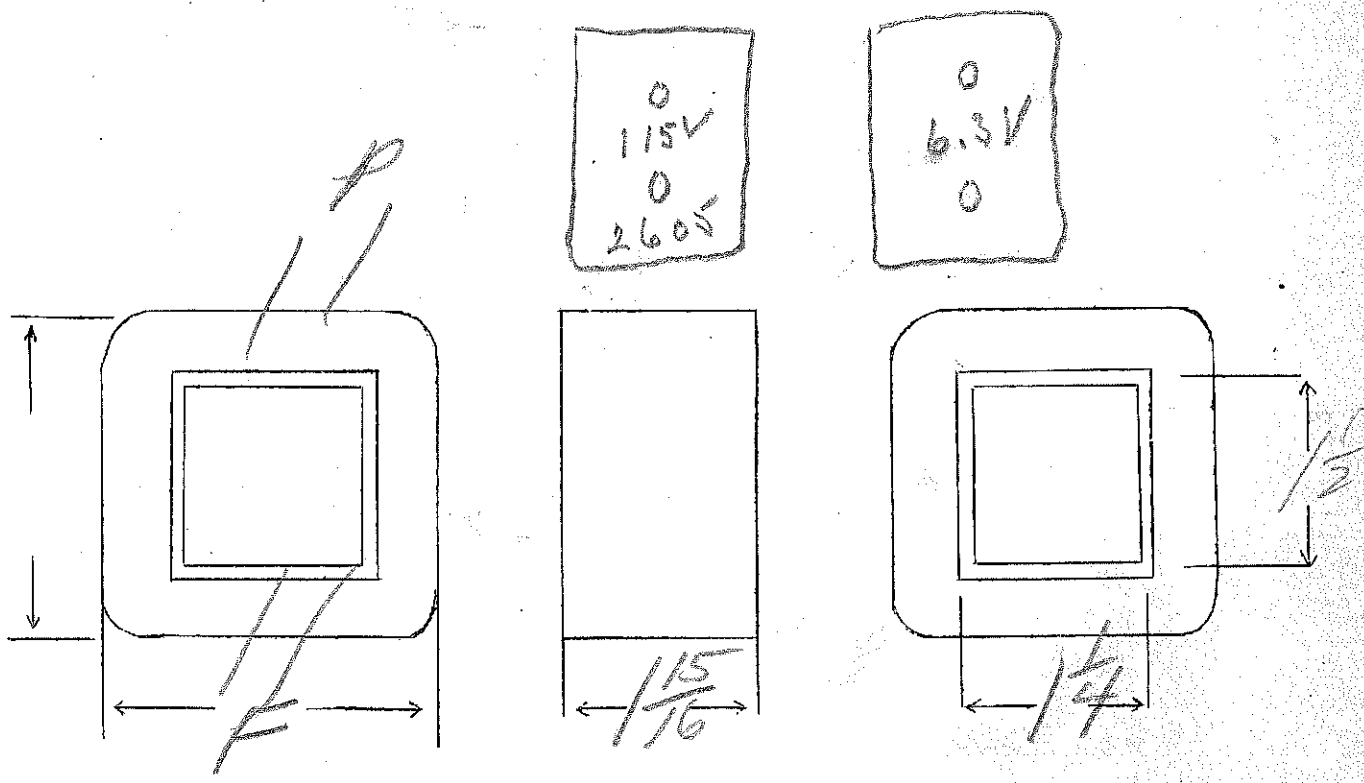
Es - 6.3V - 20amps

32

SPEC. NO. 2605

Winding	PRI	FIL				
Turns	370	23				
Taps	—	—				
Wind. Lgth.	1.75	1.25				
Wire Size	#21	#12				
T.P.L.	53-7	3L				
Kind Term.	WIRE ONLY					
Term. Lgth.	6"	6"				
Layer Insul.	50#	Kraft				
Test Volt.	1500	1500				
Wrapper	2007GA	2007GA				

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1/4 x 1/2	PRIMARY V.A.	130
MOUNTING	F		



DESIGNED BY *gww*

DATE 10-26-36

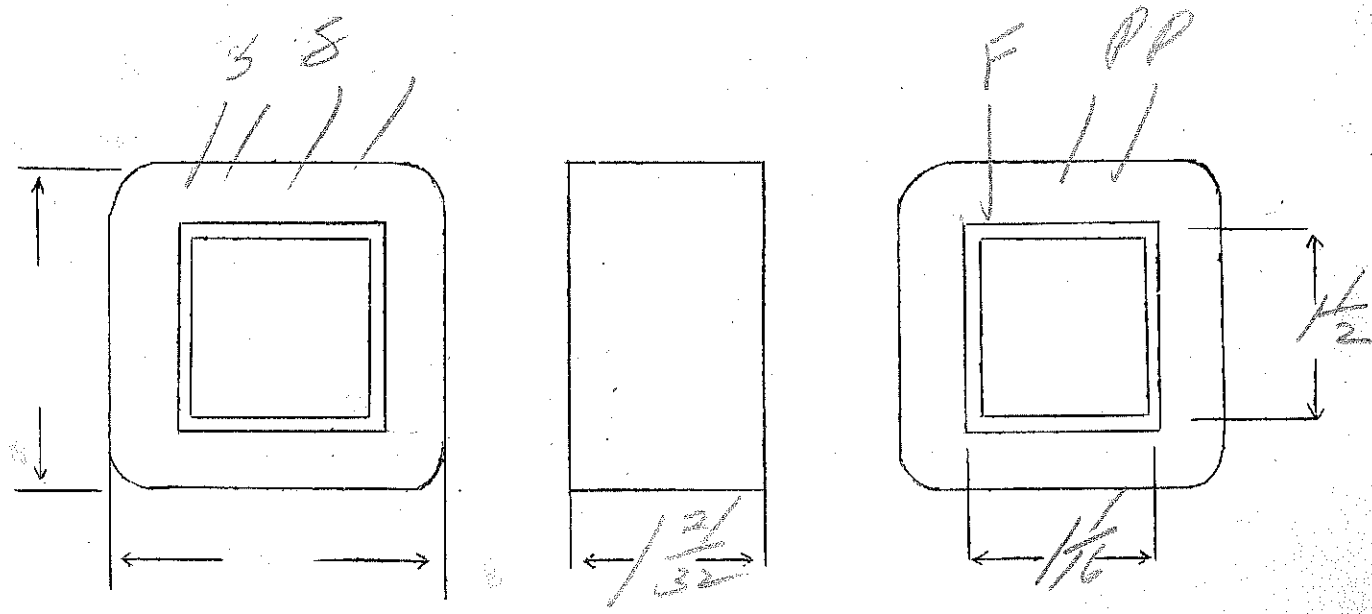
EP - N5
 ES - 250V - 100 MA
 EF - 5V - 2amps

$N/E = 3.65$

SPEC. NO. 2606

Winding	SEC	SHIELD	PRI	F.			
Turns	3000	170	420	20			
Taps	1500	-	-	-			
Wind. Lgth.	$1\frac{3}{32}$	$1\frac{3}{32}$	$1\frac{4}{32}$	-			
Wire Size	# 33	# 33	# 22	# 18			
T.P.L.	170-18		50-9				
Kind Term.	Sil braid		WIPE	ONLY			
Term. Lgth.	3"	3"	3"	3"			
Layer Insul.	Double 16#		50#				
Test Volt.	2500		1250	2500			
Wrapper	12007VC	12007VC	26005GA	26005GA			

TUBE	71007	IMPREGNATION	Varnish
CORE	$1\frac{1}{16} \times 1\frac{1}{2}$	PRIMARY V.A.	
MOUNTING	B		



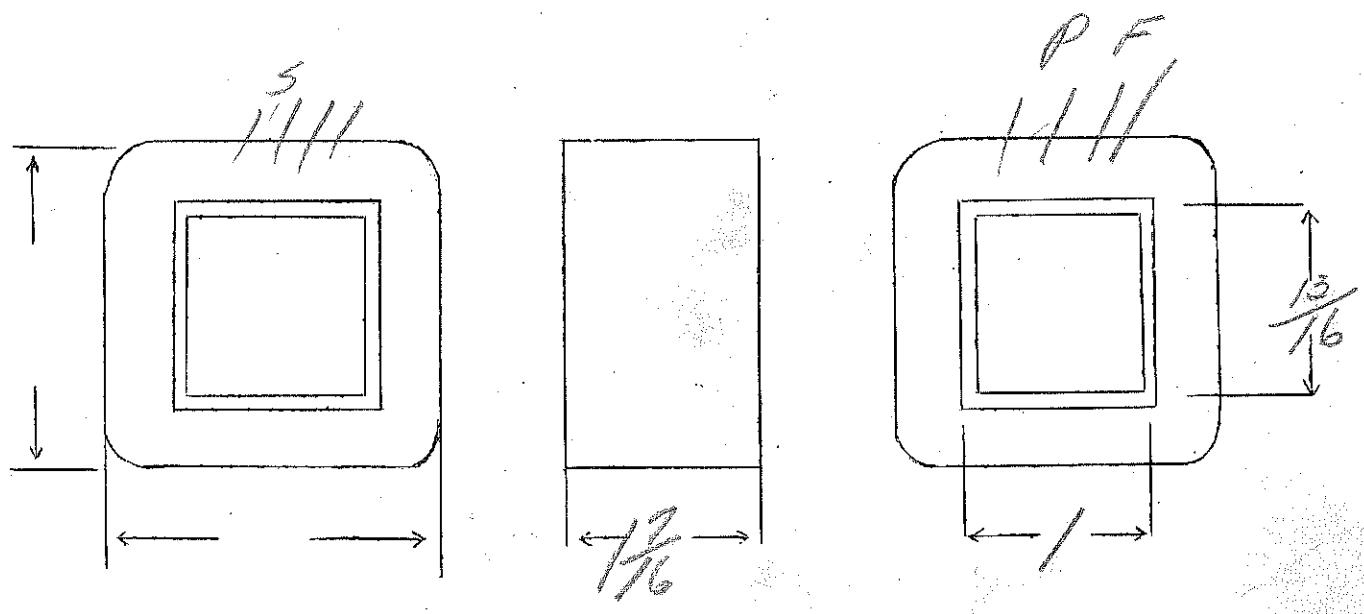
DESIGNED BY *gww*

DATE *10-26-36*

Ep - 115V
 Es - 600V CT - tap 50V off center
 Ef - 5V - 2amps

SPEC. NO. 2607

Winding	SEC	SHIELD	DR1	FIL		
Turns	3800	74	740	36		
Taps	1900-2240					
Wind. Lgth.	1.25					
Wire Size	#37	#27	#27	#21		
T.P.L.	228		74-10			
Kind Term.	Silb.	WIFE ONLY				
Term. Lgth.	3"	3"	3"	3"		
Layer Insul.	double 16#		40#			
Test Volt.	2500		1250	1250		
Wrapper	1007VC	1007VC	2005GD	2005GA		
TUBE	7L007	IMPREGNATION		VARNISH		
CORE	1 x $\frac{13}{16}$	PRIMARY V.A.				
MOUNTING	B					



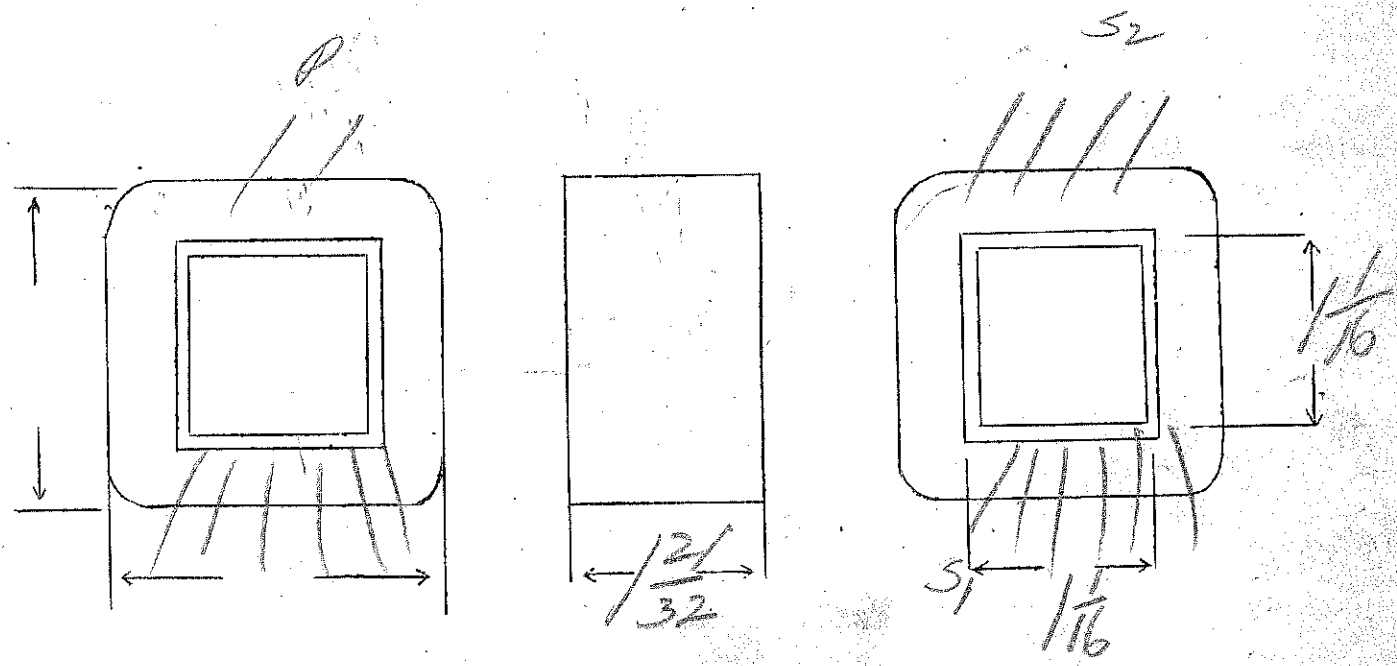
DESIGNED BY *[Signature]*

DATE 10-26-36

EP-115
 ES1- 1.1- 1.5- 2.0- 2.5- 3.0- 5.0- 6.3- 7.5- 10- 12.5- 15- 25- 30V
 ES2- 100V, tap 33 $\frac{1}{2}$ V- 5V. $\frac{N}{E}$ 5.15¹⁰ SPEC. NO. 2608

Winding	PRI	S_2	S_3	S_1			
Turns	600	28	540	28-17	56-42	84	
Taps			160	14-11-9-6	29-14	57	
Wind. Lgth.	$\frac{1}{32}$						
Wire Size	#26	#26	#33	#18	#20	#22	
T.P.L.	78		172				
Kind Term.	WIPE ONLY	SILICA		WIPE ONLY			
Term. Lgth.	3"	3"	3"	3"	3"	3"	
Layer Insul.	40#		40#				
Test Volt.							
Wrapper	2007C		2005GA			2005GA	

TUBE 7L007 IMPREGNATION VARNISH
 CORE $\frac{1}{16} \times \frac{1}{16}$ PRIMARY V.A.
 MOUNTING BB



DESIGNED BY *GW*

DATE 10-27-36

tubes
 | load E
 need load E. at 118V line
 5.08 = Tv

6	-1.1	—	1.17
9	-1.5	—	1.97
11	-2.0	—	2.17
14	-2.5	—	2.76
17	-3.0	—	3.35
28	-5.0	—	5.51
35	-6.3	—	6.9
42	-7.5	—	8.15
57	-10.0	—	11.2
70	-12.5	—	13.8
84	-15	—	16.5
141	-25	—	29.8
168	-30	—	33.2

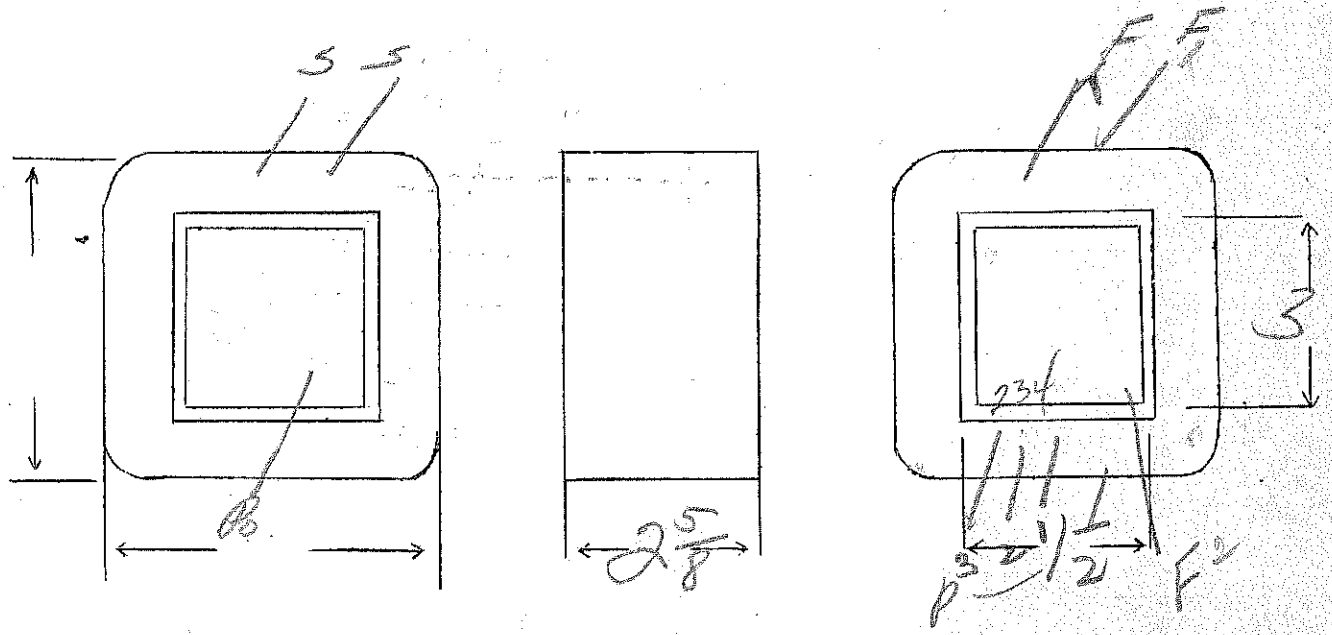
secondary #

Ep - 105-115-125
 Es - 1100V - 250 MA
 Ec - 5VCT. 13 amp ^{with}

SPEC. NO. 2609

Winding	SEC	PR1	FIL			
Turns	1385	144	6.5			
Taps	—	133 122	3			
Wind. Lgth.	2 3/8	2 3/8	double			
Wire Size	#26	#13	#14			
T.P.L.	27-11	29.5				
Kind Term.	#70	WR5 ONLY				
Term. Lgth.	12	3	12 - sleeving			
Layer Insul.	double 40#	007				
Test Volt.	5000	2500	1500			
Wrapper	2L007VC 2L005GA	2L005GA	2L005GA			

TUBE | 9L007+1L007VC | IMPREGNATION | VARNISH
 CORE | 1 1/2 x 3 | PRIMARY V.A. |
 MOUNTING | uncased - pri to leg, lead on second leg



DESIGNED BY GW

DATE 10-27-36

Ep - 110-115-120-125
 Ef1 - 10V.C.T. - 8amp
 Ef2 - 2.5V - 12amp

32

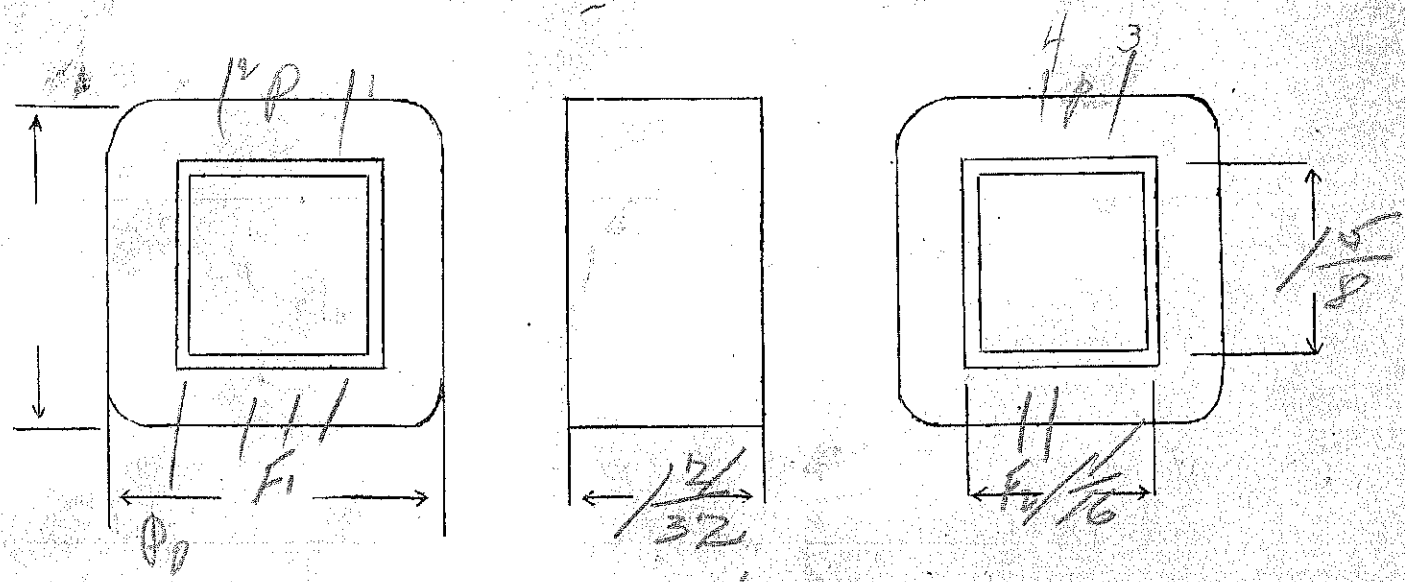
SPEC. NO. 2610

Winding	PRI	F ₁	F ₂			
Turns	400 385	36	9			
Taps	370-353	18				
Wind. Lgth.	1/15 32		Double			
Wire Size	#21	#14	#15			
T.P.L.	45-9					
Kind Term.	#20 Pwr. Br	WIRE only				
Term. Lgth.	9" (3" stud)	3"	3"			
Layer Insul.	50# W.D.					
Test Volt.	1250	1250	5000			
Wrapper	21005GA	21007GA 21005GA	21007GA 21005GA			

TUBE | 7L097 | IMPREGNATION | VARNISH
 CORE | 1/16 x 1/8 | PRIMARY V.A. |
 MOUNTING | C - Pri leads out shell thru grommet

- 125 - Black
- 120 - Yellow
- 115 - Brown
- 110 - Green

*Fil + pri start to left under mesh
 cadmium shells*



DESIGNED BY Geo

DATE 4/12/37

EP-115V-25V
 ES-4200VCT-400MA

SPEC. NO. 2611-25V

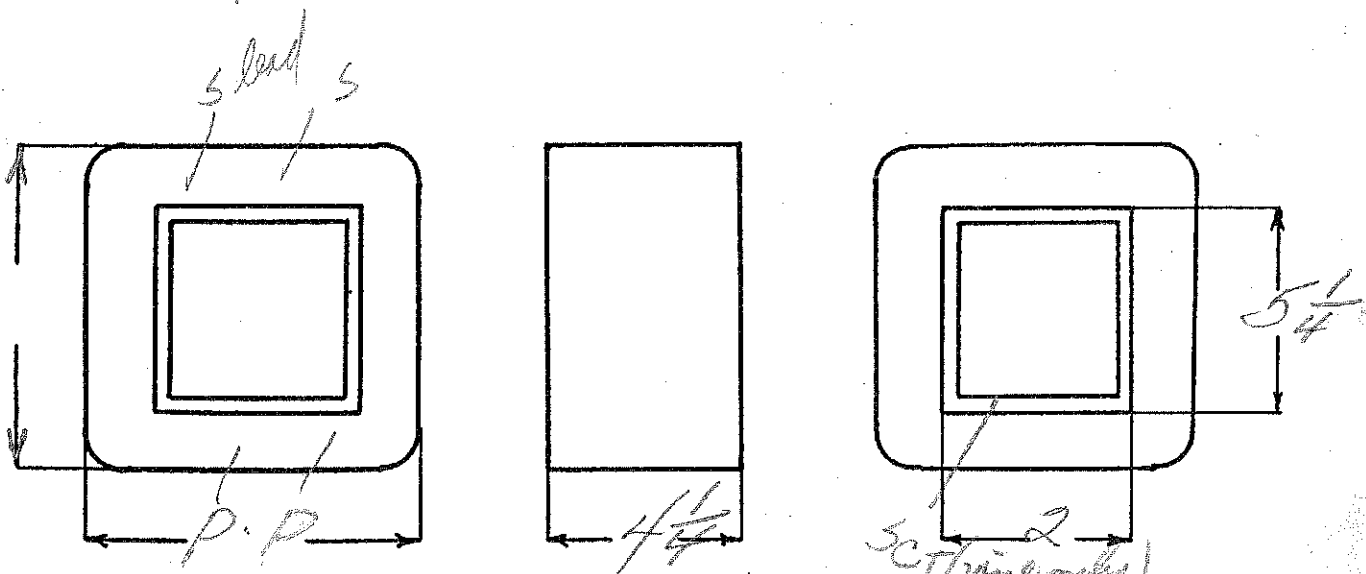
Winding	SEC	PR1				
Turns	4880	116				
Taps	2440					
Wind. Lgth.	3 1/2	3 1/2				
Wire Size	#25	#11				
T. P. L.	164.30	WIRE ONLY				
Finish						
Type Lead	#14 motor	W.O.				
Lead Lgth.	15" double	4"				
Layer Insul.	50# 007K					
Test Volt.	7500					
Wrapper	4000V 2005GA	3005GA				
TUBE	102007+2007VC		IMPREGNATION	VARNISH		

Ground Sec Ckt.
 to be outside
 of transformer

CORE GA. GRADE STACK

MOUNTING C - Leads out vented cover (side) ^{base on metal chassis for Fisher}

Pri to Supp - start sec lead # 20 Dalac



5CT (wire only)
 DATE 12/22/37

DESIGNED BY Gw

Ep - 115 V
 Es - 4200 V.C.T. - 400 Ma.

102

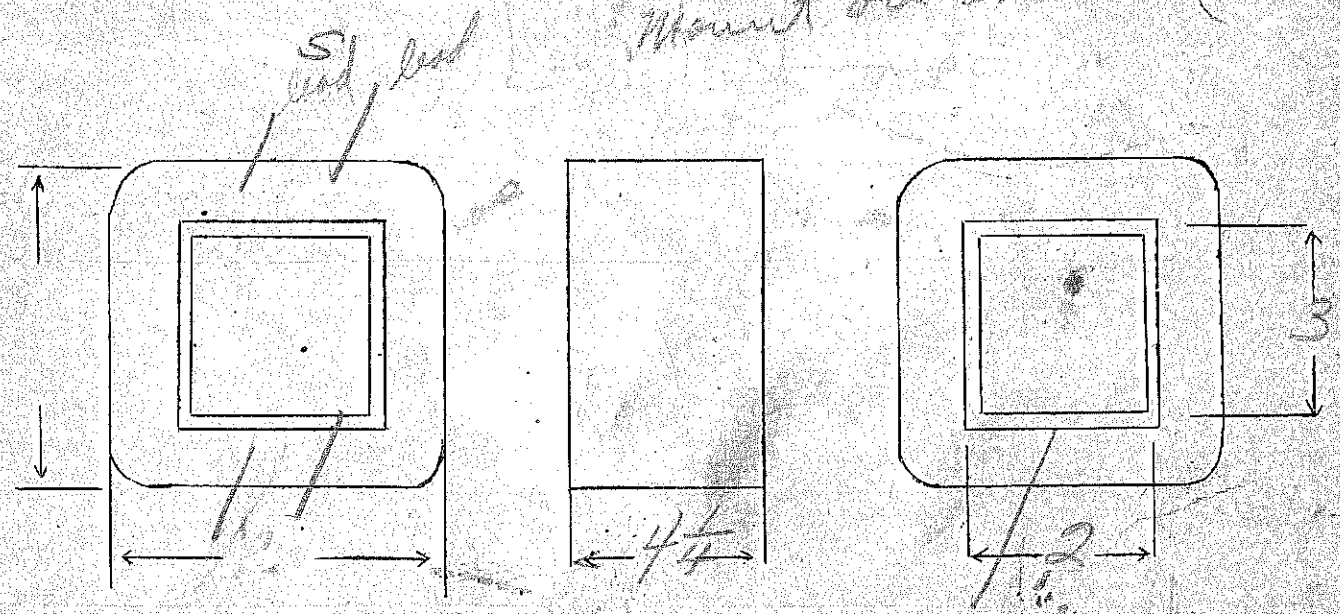
SPEC. NO. 2611

Winding	SEC	PRI				
Turns	7880	118				
Taps	2440	-				
Wind. Lgth.	3 1/2	3 1/2				
Wire Size	#25	#11				
T.P.L.	164-30	-				
Kind Term.	#14 motor	WIRE OAT				
Term. Lgth.	15"					
Layer Insul.	dual H10	007 Kraft				
Test Volt.	7500	2500				
Wrapper	2L007VC 2L005GA	3L005GA				

Ground c.t. to be
 outside of transformer

TUBE	10L007+22007VC	IMPREGNATION	VARNISH
CORE	2 x 3"	PRIMARY V.A.	
MOUNTING	C - knockout mounted cover thru side		

Careful winding! start lead in coil!
 PRI TO PANEL
 Mount on chassis (Fisher)



30t wire only

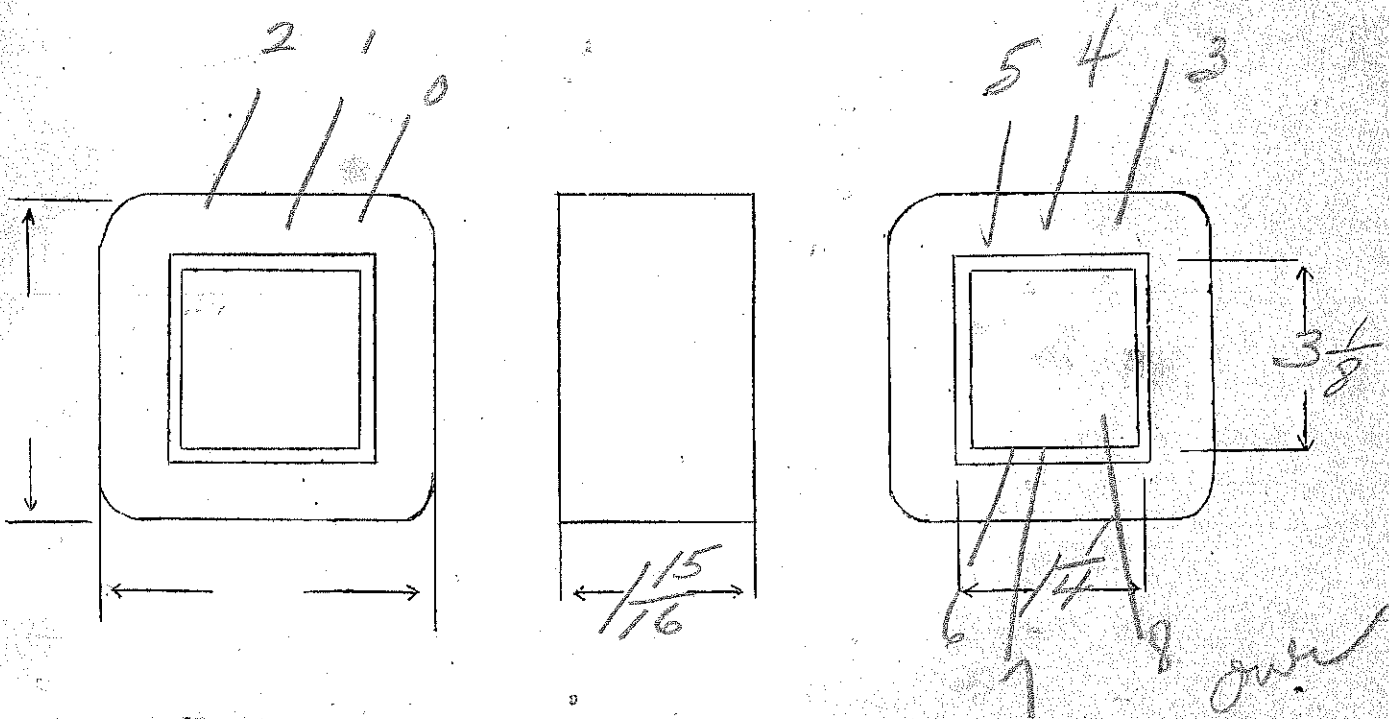
Auto transformer tapped 95-100-105 / up to 2078
 110-115-120-125-130

SPEC. NO. 2612

Continuum 1.63

Winding						
Turns	156	58				
Taps		49-41-33-25-17-8				
Wind. Lgth.	1.75	1.75				
Wire Size	#18	#11				
T.P.L.	38-4					
Kind Term.	WIRE ONLY					
Term. Lgth.	4"	4"				
Layer Insul.	0.007 Kraft					
Test Volt.	1500					
Wrapper		21007GA				

TUBE	72007	IMPREGNATION	YARNISH
CORE	1/4 x 3/8 Dynamo Grade	PRIMARY V.A.	
MOUNTING	F		

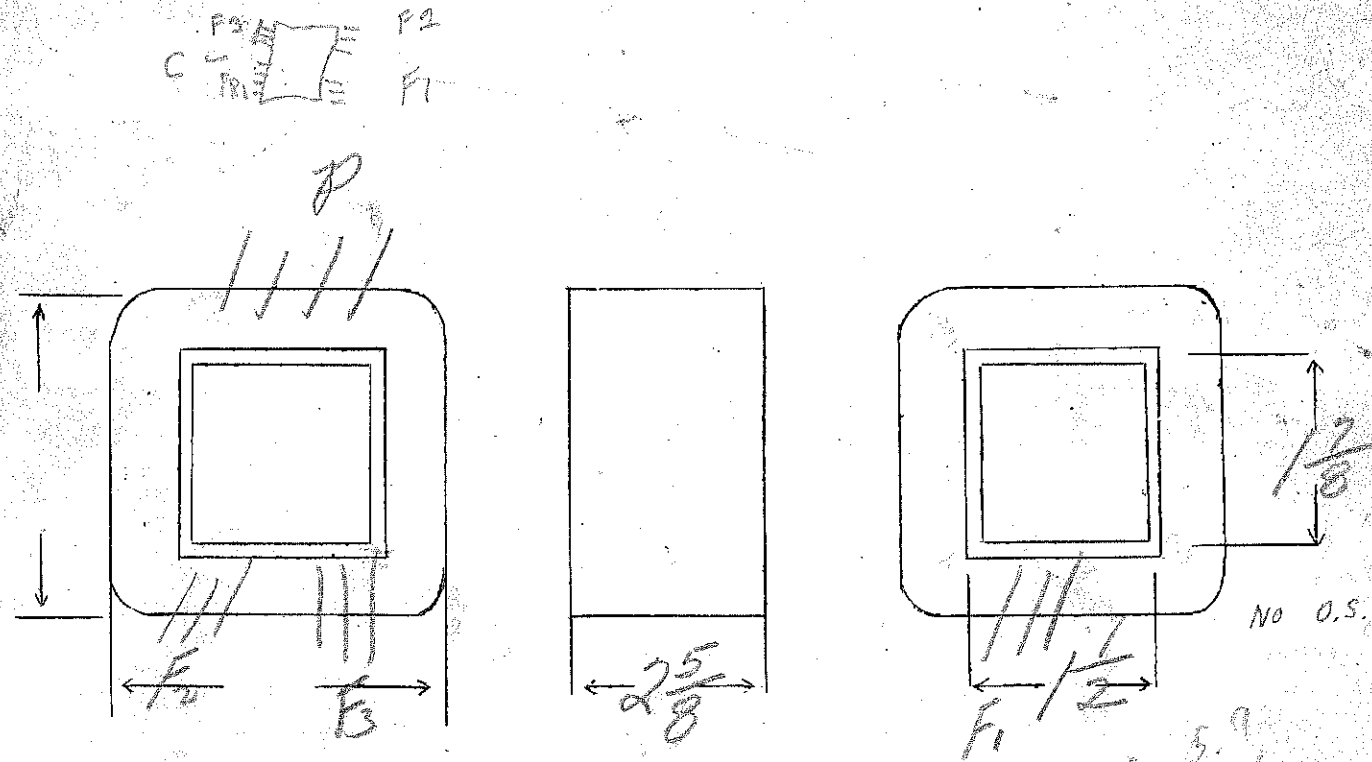


DESIGNED BY *W.W.* DATE *11-2-36*

Ep-105-115-125
 EF1 - 2.5V - C.T. - 10amp - 7500V Ins # 214
 EF2 = EF3 = 10V C.T. - 8amps SPEC. NO. 2613

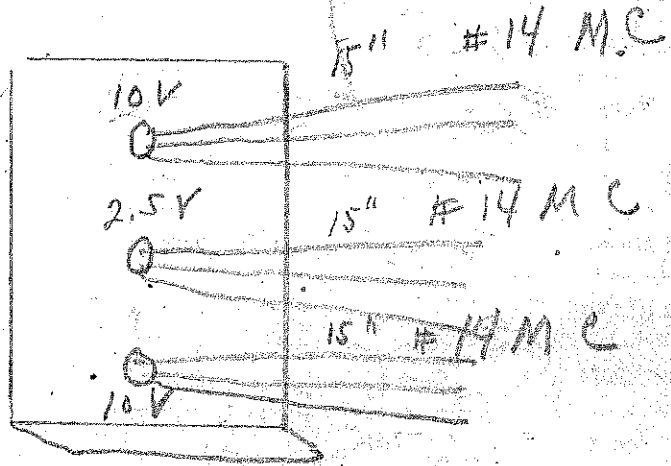
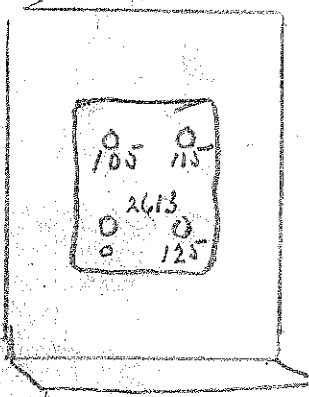
Winding	P	F3	F2	F1		
Turns	268 246	25	25	6		
Taps	225	12	12	3		
Wind. Lgth.	2.25					
Wire Size	#18	#12	#12	#12	all filament assembly	
T.P.L.					with 15' #14	
Kind Term.	WIRE ONLY				motor lead wire	
Term. Lgth.	3"	3"	3"	3"		
Layer Insul.	.007 Kraft					
Test Volt.	1500			7500		
Wrapper	2L005GA	2L005GA	2L005GA 2L005GA	2L005GA 2L005GA		

TUBE 7L007 IMPREGNATION VARNISH
 CORE 1/2 x 1 7/8 PRIMARY V.A.
 MOUNTING FS



DESIGNED BY *GWB* DATE 11-2-36

5.9
6.4
6.5/1.5



Ep-105-115-125
 E_g-10VCT-8amps
 Ef-25VCT-10 amp

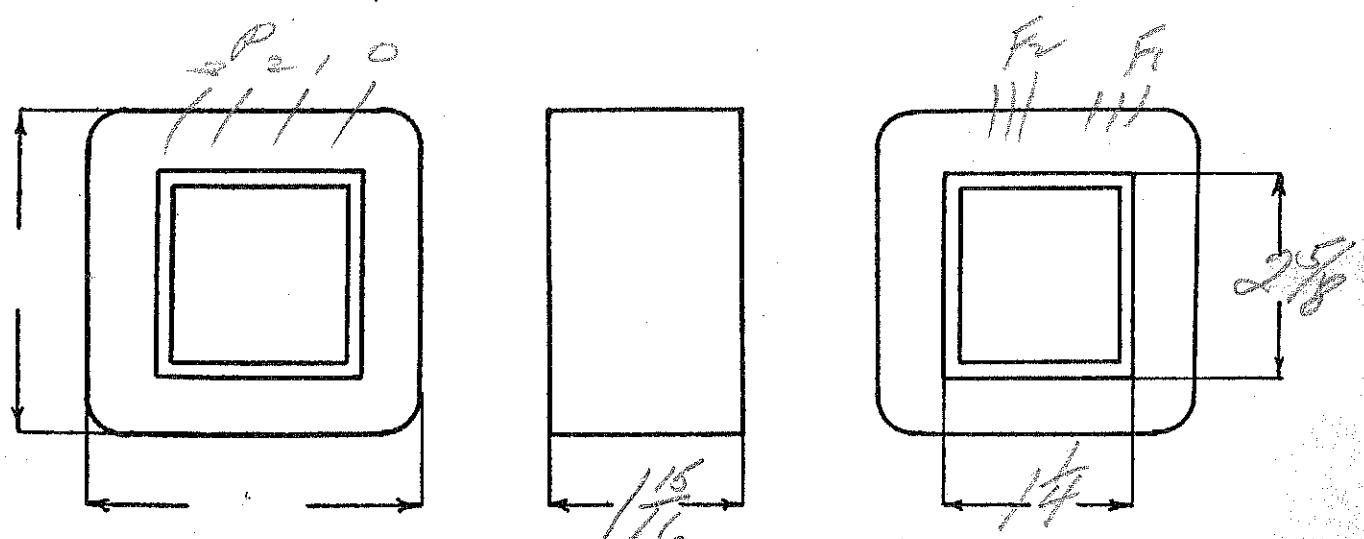
SPEC. NO. 2614-25N

Winding	PRI	F ₁	F ₂			
Turns	390	36	9			
Taps	363 230	18	5			
Wind. Lgth.	1.75					
Wire Size	#21	#12	#12			
T. P. L.	53					
Finish	WIRE ONLY					
Type Lead						
Lead Lgth.	3"	3"	3"			
Layer Insul.	50#					
Test Volt.			7500			
Wrapper	21007BA	21007BC	21007CC			

TUBE 91007 IMPREGNATION VARNISH

CORE 1/4 x 2 5/8 GA. GRADE STACK

MOUNTING C - Cadmium *Go on metal chassis 1/4" thick*



DESIGNED BY *SW*

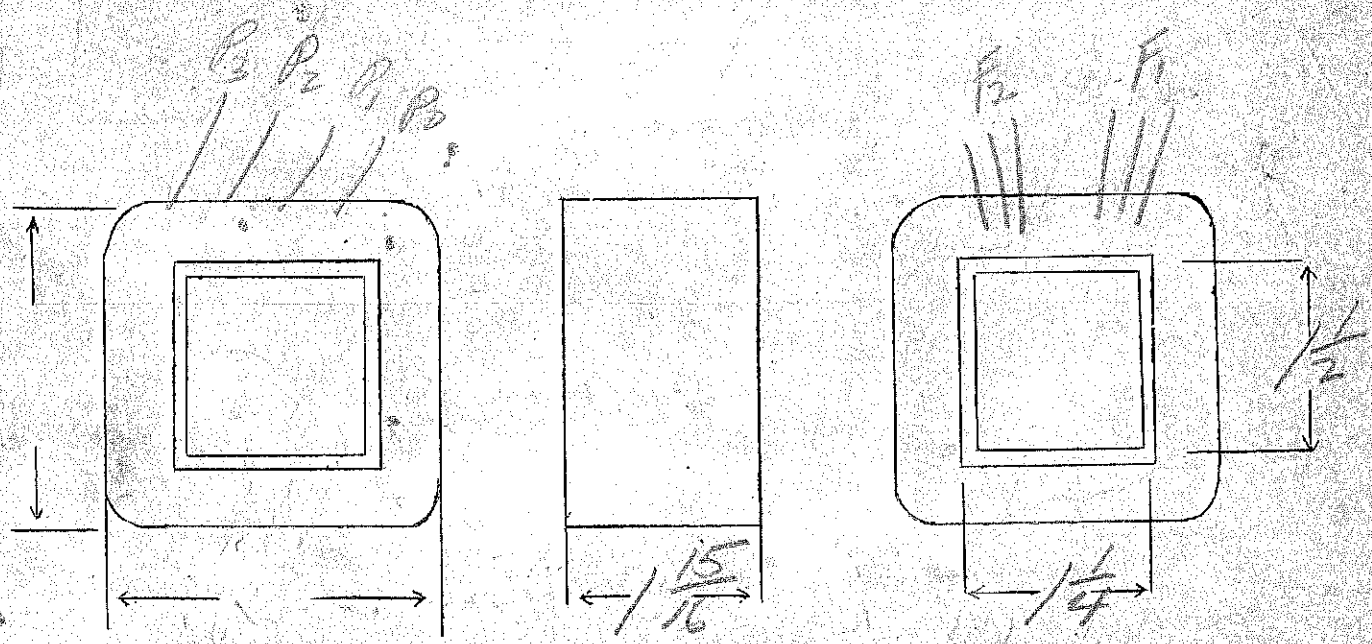
DATE 12/23/37

Ep - 105-115-125
 Ef1 - 10V - CT - 8 amp
 Ef2 - 2.5 V CT - 10 amp

SPEC. NO. 2614

Winding	PR1	F1	F2				
Turns	400 368	36	9				
Taps	336	18	5				
Wind. Lgth.	1.75						
Wire Size	#21	#12	#12				
T.P.L.	53						
Kind Term.	WIRES ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	50#	.007					
Test Volt.	1500	1500	2500				
Wrapper	210076A	210056A	210056A				

TUBE 7L007 IMPREGNATION Varnish
 CORE 1 1/4 x 1 1/2 PRIMARY V.A.
 MOUNTING C - Edmunds



DESIGNED BY *Glenn*

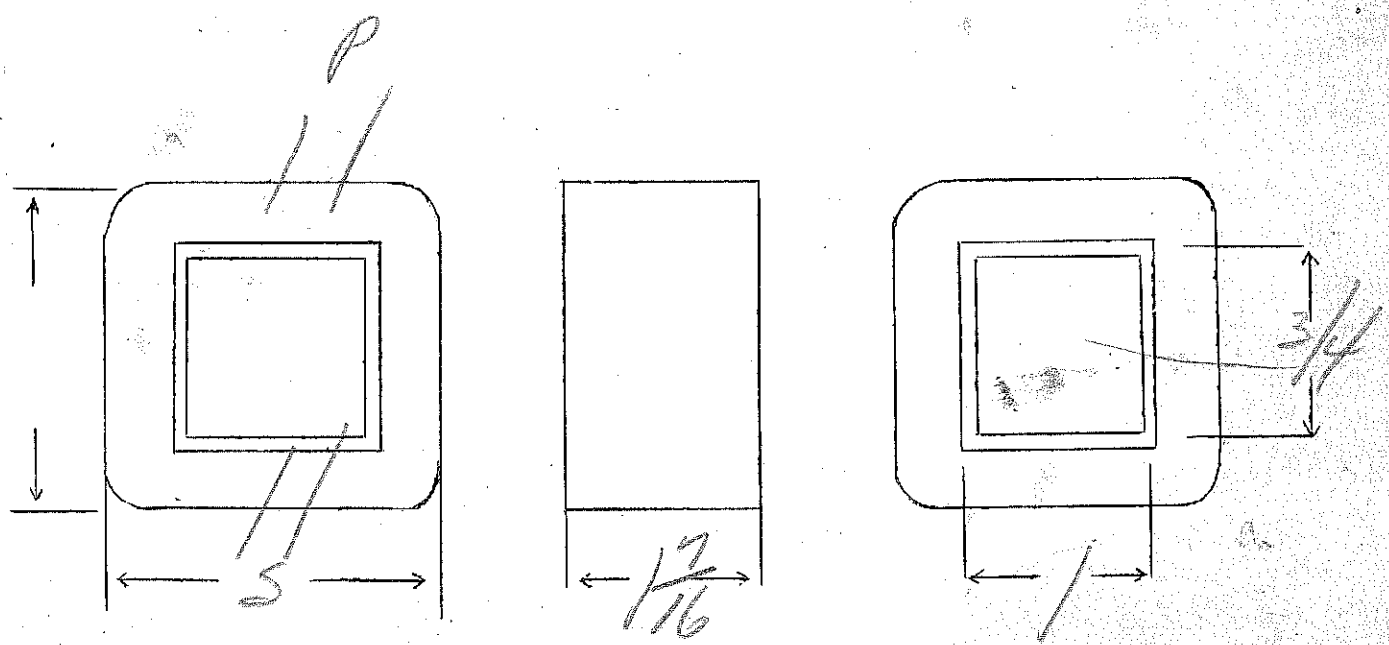
DATE 11-2-36

Ep. - 240V
 ES - 24V lamp

74

SPEC. NO. 2615

Winding	P	S				
Turns	1780	200				
Taps	—	—				
Wind. Lgth.	1.25	1.25				
Wire Size	#30	#23				
T.P.L.	100-18	50-4				
Kind Term.	#14 motor lead wire					
Term. Lgth.	12"	12"				
Layer Insul.	30#	50#				
Test Volt.	1500	1500				
Wrapper	1007VC	2005GA				
TUBE	72007		IMPREGNATION	Varnish		
CORE	1 x 3/4		PRIMARY V.A.	25		
MOUNTING	S					



DESIGNED BY *SWW*

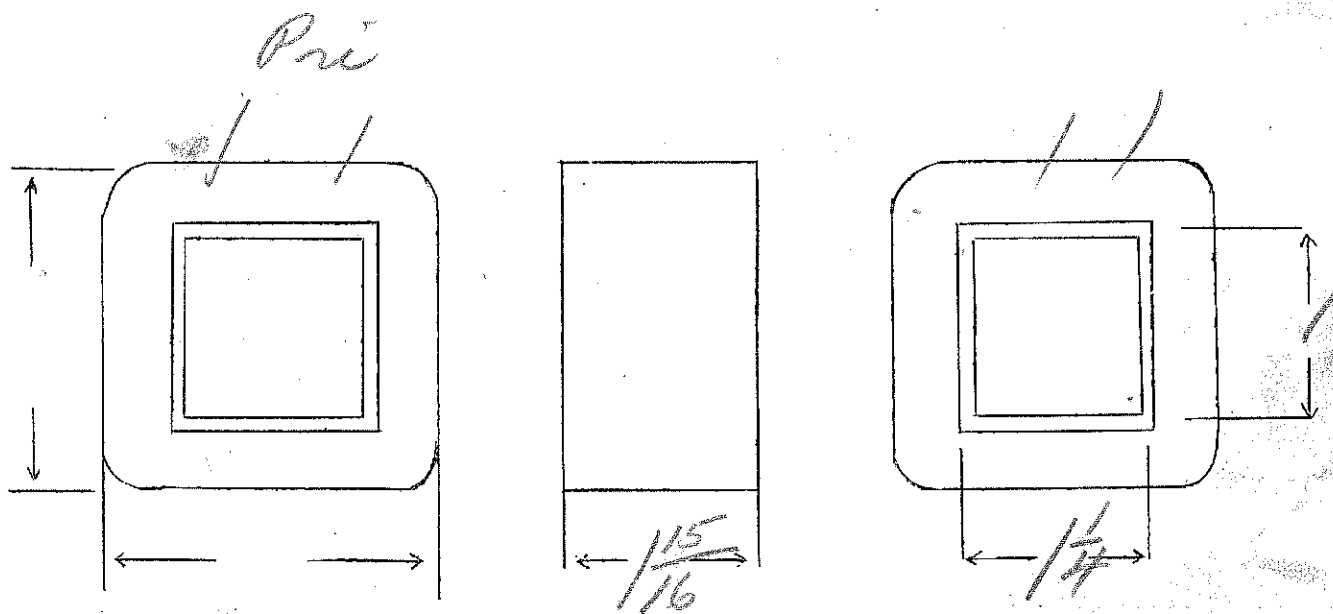
DATE *11-3-36*

Ep-105-115-125

Es-2.5 V-10 amps CT

SPEC. NO. 2616

Winding	PRI	SEC				
Turns	355	12.5				
Taps	512 462	6				
Wind. Lgth.	1.25	1.75				
Wire Size	#24	#11				
T.P.L.	75	—				
Kind Term.	WIRE ONLY					
Term. Lgth.	9"	9"				
Layer Insul.	50#	—				
Test Volt.	2500	10000				
Wrapper	3L007VC 3L0076A	3L007VE 3L0078A				
TUBE	7L007		IMPREGNATION	VARNISH		
CORE	1/4 x 1		PRIMARY V.A.			
MOUNTING	J similar to # 720 J					



DESIGNED BY

[Handwritten signature]

DATE

11-3-36

Ep - 105-115-125

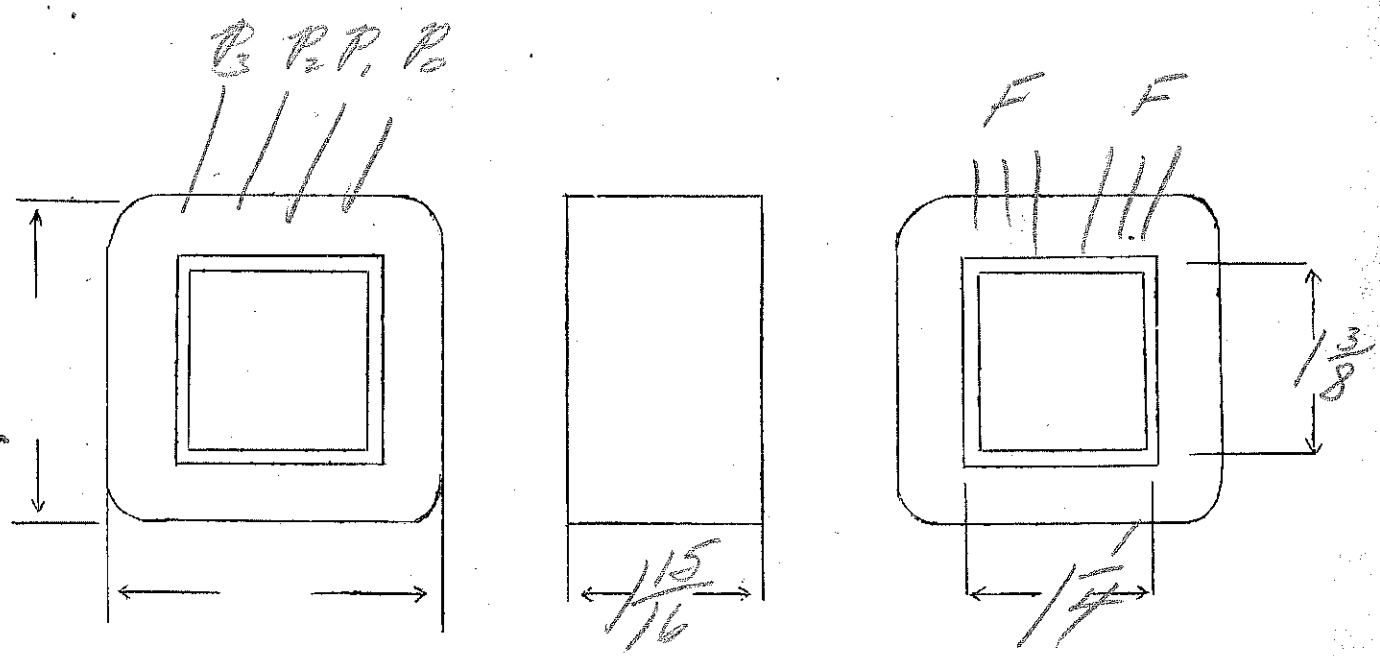
$E_{F_1} = E_{F_2} = 5.2 \text{ V} - 12 \text{ amp CT.}$

VA = 124

N/E = 348

SPEC. NO. 2617

Winding	PRI	FIL	FIL				
Turns	435	20	20				
Taps	400 366	10	10				
Wind. Lgth.	1.75	1.75	1.75				
Wire Size	#21	#11	#11				
T.P.L.	53-9	3L		Silber C.T. O.K.			
Kind Term.	WIPE ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	50#						
Test Volt.	1500	1500	1500				
Wrapper	2L007GA	2L007BA	2L007GA				
TUBE	7L007			IMPREGNATION	VARNISH		
CORE	1/4 x 1/8			PRIMARY V.A.			
MOUNTING	B						



DESIGNED BY *Shaw*

DATE 11-3-36

Ep - two 120V. winding for series or parallel
 Es - 650V.C.T. - 55 Ma. N/E 4:1
 Ef1 - 5V - 2amps.
 Ef2 - 60V - 2.5amps

SPEC. NO. 2618

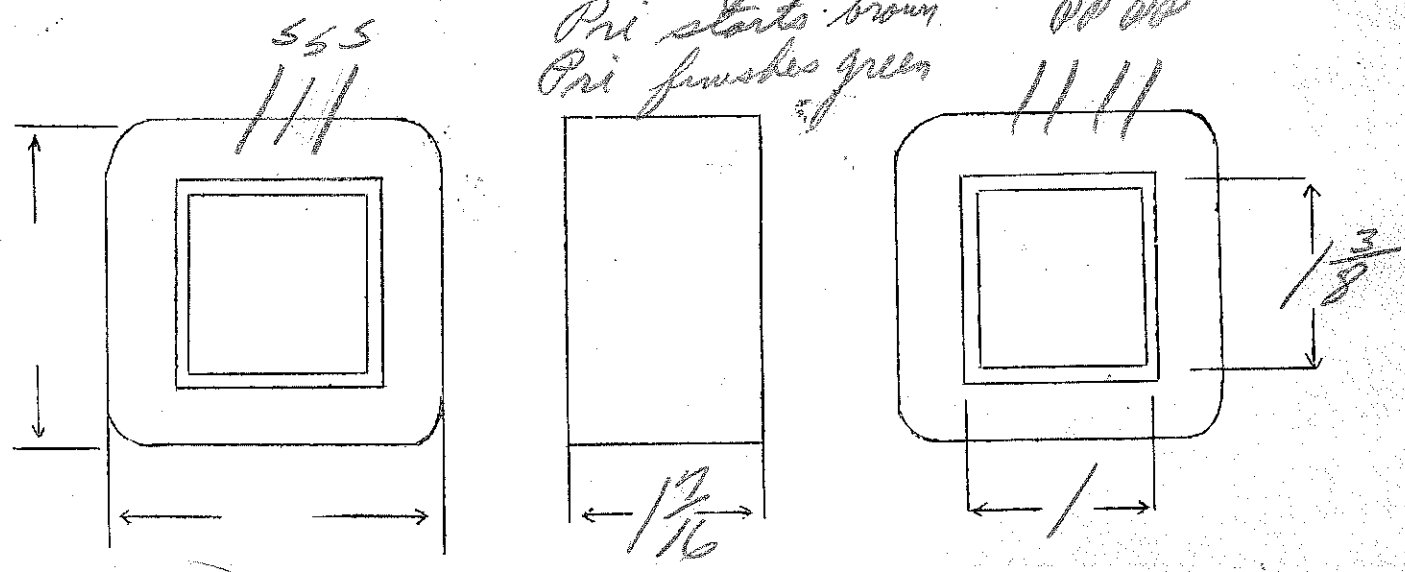
Winding	SEC SHIELD	PRI	PRI	F ₁	F ₂
Turns	2880	493	493	23	29
Taps	1440	—	—	—	—
Wind. Lgth.	1.25	1.25	1.25	—	—
Wire Size	#36	#28	#28	#20	#19
T.P.L.	206-14	84-6	84-6		
Kind Term.	#20 PBR	#20 PBR	#20 PBR	WIRE	ONLY
Term. Lgth.	9"	9"	9"	9"	9"
Layer Insul.	double 16#	—	40#	—	—
Test Volt.	2500	1500	1500	2500	
Wrapper	1L007VC	1L007VC	1L005VC	2L0056A	2L0056A DOUBLE

TUBE 6L007 IMPREGNATION VARNISH
 CORE 1 x 1 3/8 PRIMARY V.A.
 MOUNTING SA - Cadmium

PRI TURNS MUST BALANCE Sec - Black, Blue CT.

- L6A8
- 2.6K7
- L6F6
- L607
- L6D7
- L5K3
- L6E5

6.3 - green
 5.0 - yellow
 Pri starts brown
 Pri finishes green



DESIGNED BY *SWW*

DATE 11-3-36

Ep - Two 120V winding per series or parallel
 E3 - 650V CT - 55 ma
 Ef - 5V - 2 amp
 EF - 6.3V - 2.5 ampo

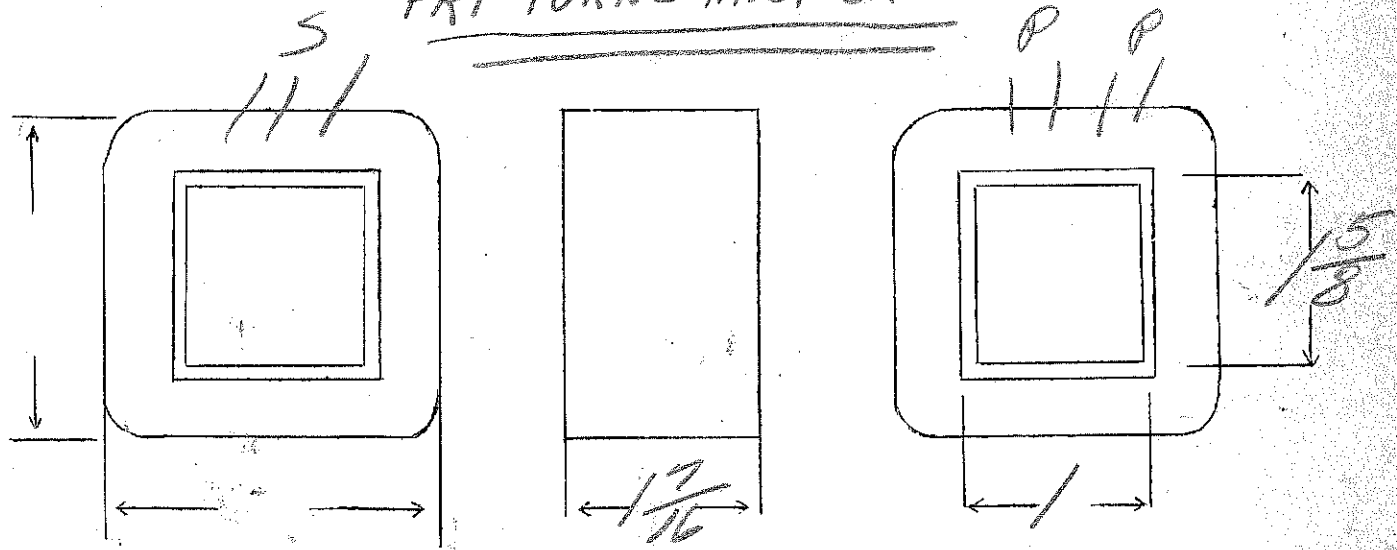
W/E - 3.5

SPEC. NO. 2619

Winding	SEC	SHIELD	PRI	PRI	F ₁	F ₂
Turns	2450	1	420	420	19	25
Taps	1225		—	—	—	—
Wind. Lgth.	1.25	1.25	1.25	1.25	—	—
Wire Size	#35	shun stock	#28	#28	#20	#19
T.P.L.	182-14		84-5	84-5		
Kind Term.	#20 P/B	Sil Br	#20 P/Bund		WIRE	ONUT
Term. Lgth.	9"	3"	9"	9"	9"	9"
Layer Insul.	double 16#		40#	40#		
Test Volt.	2500		1250	1250	2500	1250
Wrapper	1007VC	1007VC	1005VC	2005GA	2005GA	2005GA
TUBE	6L007					varnish
CORE	1K 1 5/8					PRIMARY V.A.
MOUNTING	5A - Cadman					

Sec - black, blue CT Pri starts brown.
 6.3 - green Pri finishes green
 5.0 - yellow

PRI TURNS MUST BALANCE

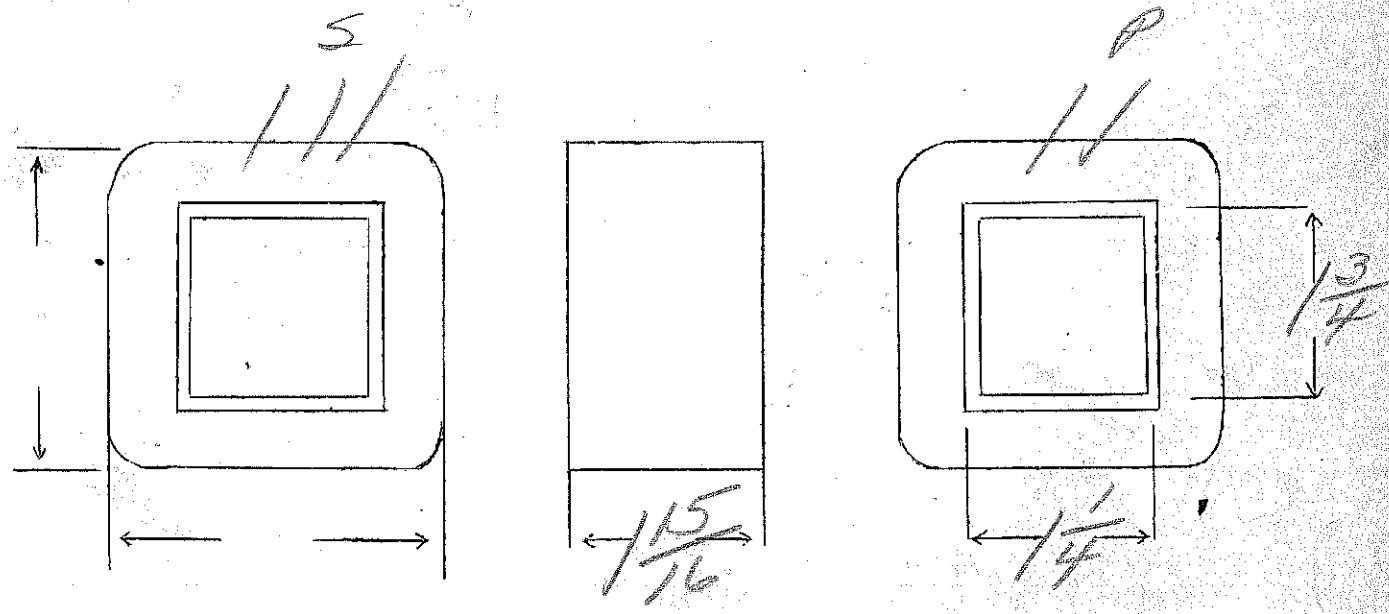


DESIGNED BY *Swor*

DATE 11-3-36

Ep - 118V. 2.7
 Es - 750VCT. - 200MA
 Ef1 - 5V - 3amp, Ef2 - 6.3V - 3amps
 SPEC. NO. 2621

Winding	SEC	SHIELD	PR1	F1	F2		
Turns	2120	133	320	15	19		
Taps	1060	—	—	—	—		
Wind. Lgth.	1.75	1.75	1.75	—	—		
Wire Size	#29	#29	#20	#18	#17		
T.P.L.	133-16		47-7				
Kind Term.	#29 Pbr	Sil Br	#20 Pbr	WIPE	ONLY		
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 20#		50#				
Test Volt.	2500						
Wrapper	1007K	1007K	20076A	—	20076A		
TUBE	7L007FL007VC			IMPREGNATION	VARNISH		
CORE	1 1/2 x 1 3/4			PRIMARY V.A.			
MOUNTING	A						



DESIGNED BY *SW*

DATE *11-6-36*

Ep- 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150

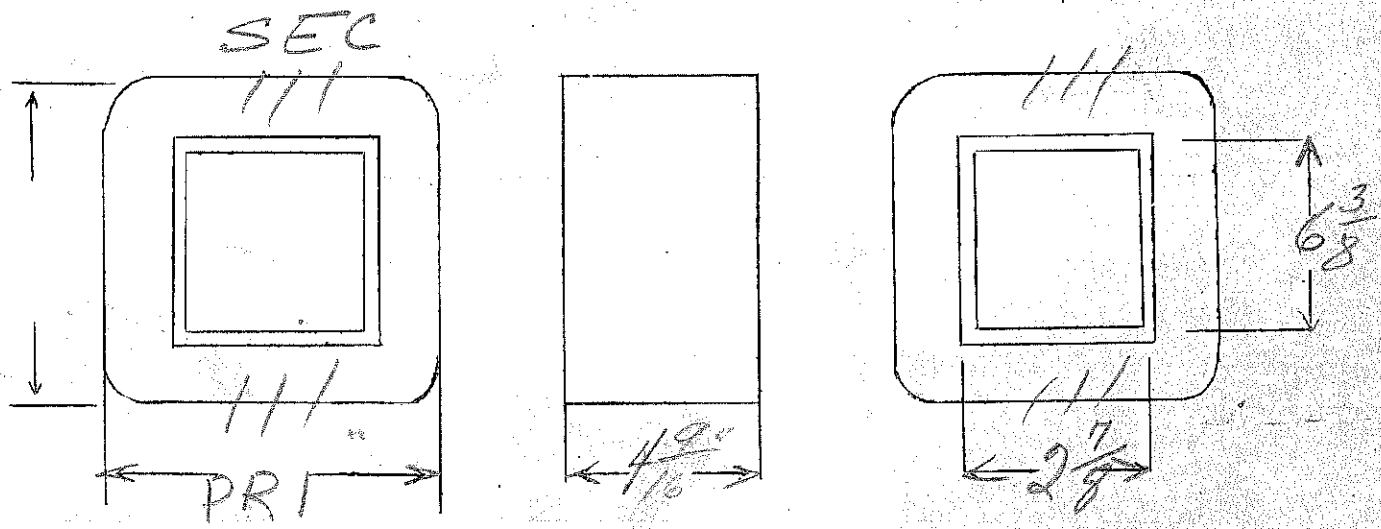
Es- 4440, 3880, 3330, 2880, 2220, 1660, 1375V-1amp

$N/E = .6$

SPEC. NO. 2622

Winding	SEC			4.7	3.3		
Turns	2630			72-69-	66-63-60	18	
Taps	2290-1950-1615-1280			57-54		3-6-9-12-15	
Wind. Lgth.	3 $\frac{1}{16}$			3 $\frac{3}{4}$			
Wire Size	#31			#5 square		#6 square	
T.P.L.	115			5L		1L	
Kind Term.	WIRE ONLY			WIRE ONLY			
Term. Lgth.	6"			6"			
Layer Insul.	double 50#			.007 Kraft			
Test Volt.	10000			2500			
Wrapper	5L007VC 2L007GC					3L005B	

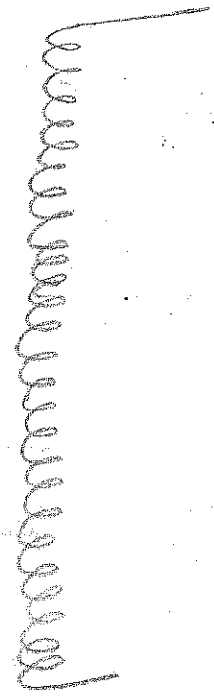
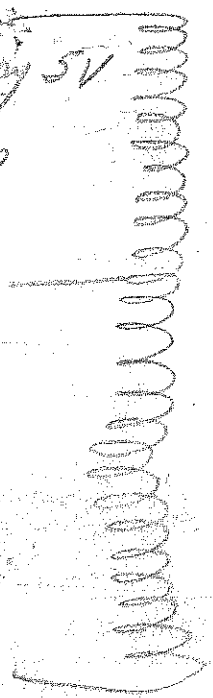
TUBE	10L007H 2L007VC	IMPREGNATION	VARNISH
CORE	2 $\frac{7}{8}$ x 6	PRIMARY V.A.	
MOUNTING	J		



DESIGNED BY EMW

DATE 11-12-36

Tapped every 5V
75 to 150



234
207

Flux not to be excessive when 120V applied
on 75 volt tap,

at this voltage, $E_s = 4440 \times \frac{120}{75} = 7100V.$

$Pri I_{max} = \frac{7100}{120} = 60 \text{ amps.}$ ideal for about
70 amps actual

EP - 110-120V.
 EF1 - 10V CT - 4amps

VA-65
 N₆ - 4.35

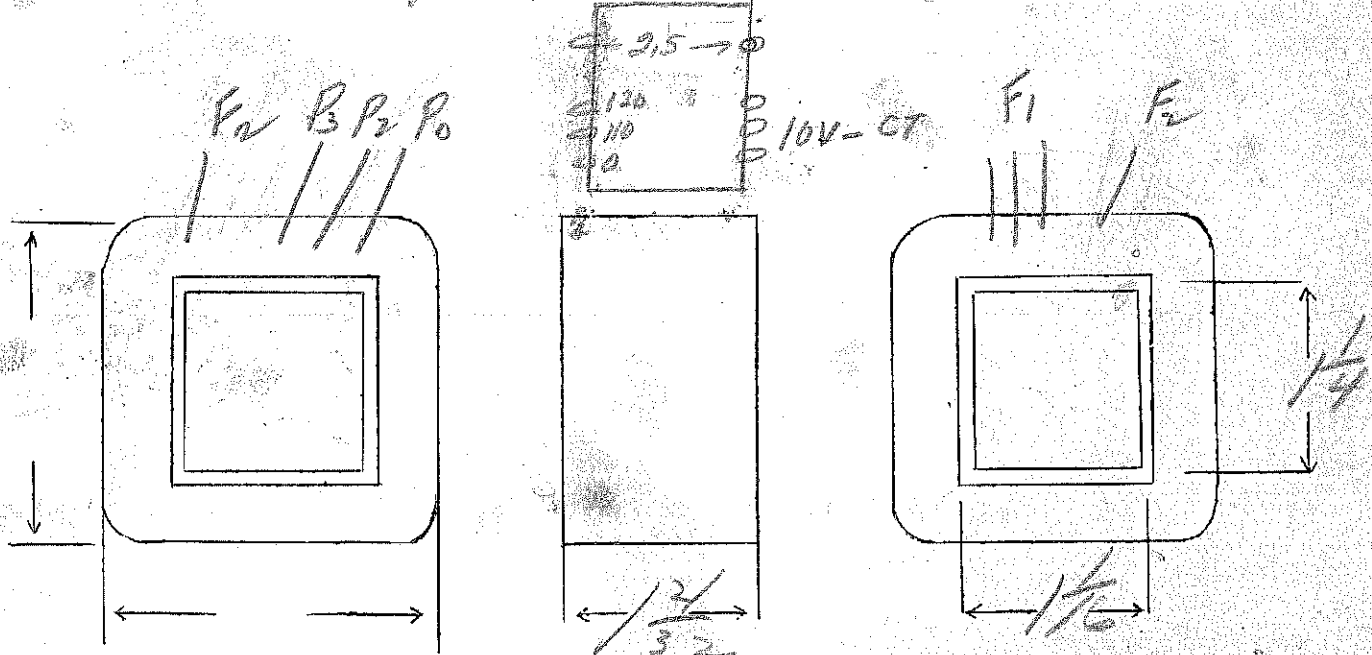
EF2 - 2.5V - 10 amp - 5000V Ins

SPEC. NO. 2623

Winding	PR1	F ₁	F ₂			
Turns	522	48	12			
Taps	480	24	—			
Wind. Lgth.	1 15/32	—	—			
Wire Size	#24	#16	#12			
T.P.L.	63	24				
Kind Term.	WIRE	ONLY				
Term. Lgth.	3"	3"	3"			
Layer Insul.	40#	—	—			
Test Volt.	1250	1250	5000V			
Wrapper	21005GA	21007VC	21007VC			

TUBE	71007	IMPREGNATION	VARNISH
CORE	1/4" x 1/4"	PRIMARY V.A.	
MOUNTING	C - Cadmium shell		

Keep lugs near center of panel



DESIGNED BY *Shir*

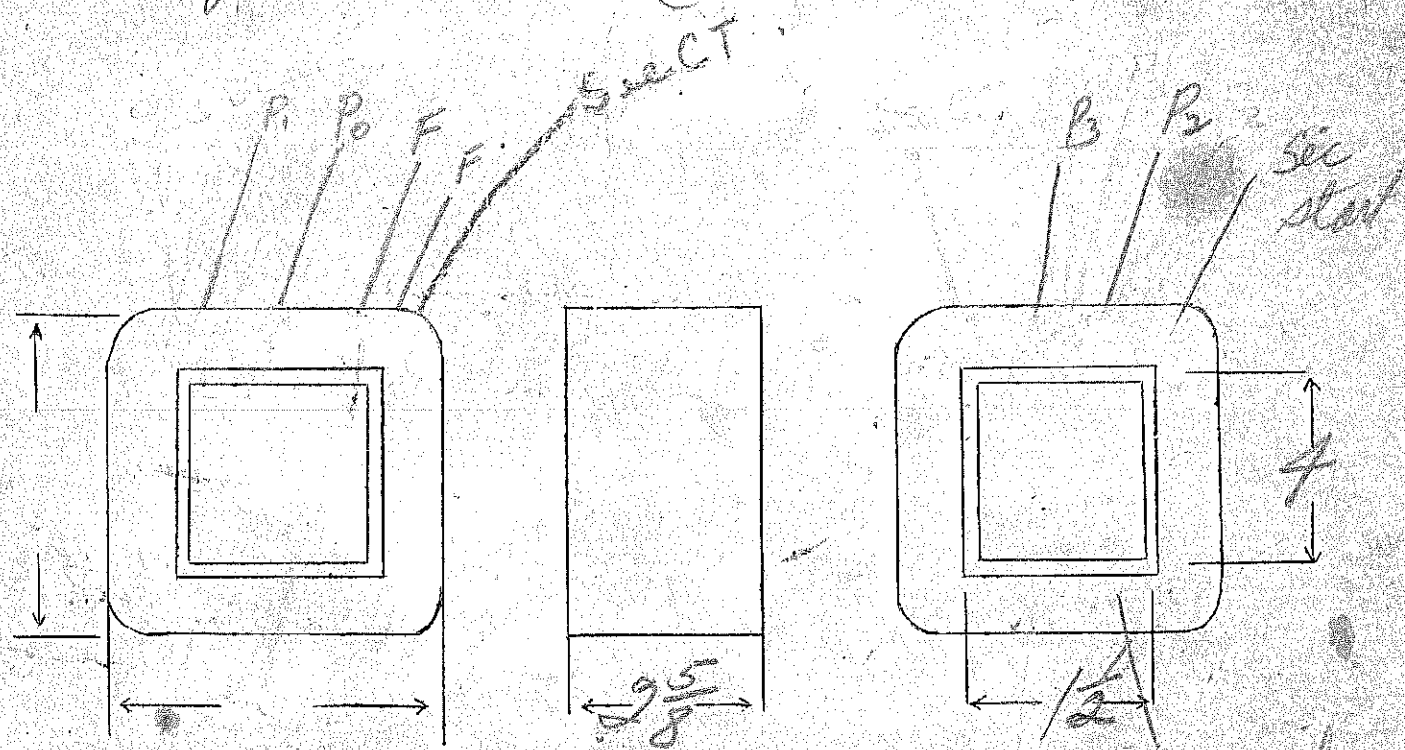
DATE 11-11-36

Ep - 120 - 137 - 160V
 Es - 3200 VCT - 300 ma

SPEC. NO. 2624

Winding	SEC	Continuation PRI			FIV		
Turns	3420	120	17	23	7		
Taps	1710						
Wind. Lgth.	2 ⁵ / ₁₆	2 ⁵ / ₁₆					
Wire Size	#27	#15	#17	#18	#22		
T.P.L.	133-26						
Kind Term.	WIRE	ONLY					
Term. Lgth.	4"	4"					
Layer Insul.	double 30#	.007 Kraft					
Test Volt.	5000						
Wrapper	2100 TVC 32005 GA			21005 GA	21005 GA		

TUBE | 91007 + 2100 TVC | IMPREGNATION | VARNISH
 CORE | 1/2 x 4 | PRIMARY V.A.
 MOUNTING | Special "S" (over)



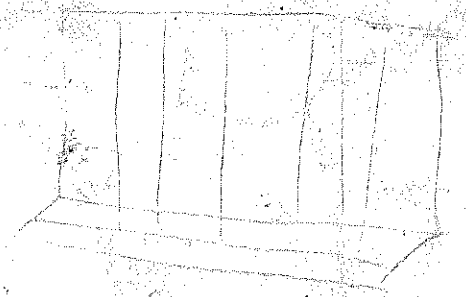
DESIGNED BY MLW DATE 11-11-36

Sec Finish

2024 lead out left side



Sec - 12" leads #18 motor cable
Cadmium plated stamped cases



Ep - Swg 120 volt winding for series or parallel
 Es - 660 V under load ct - 55 ma
 Ef - 5V - 25amps, Ef2 - 6.3V - 25amps

SPEC. NO. 2625

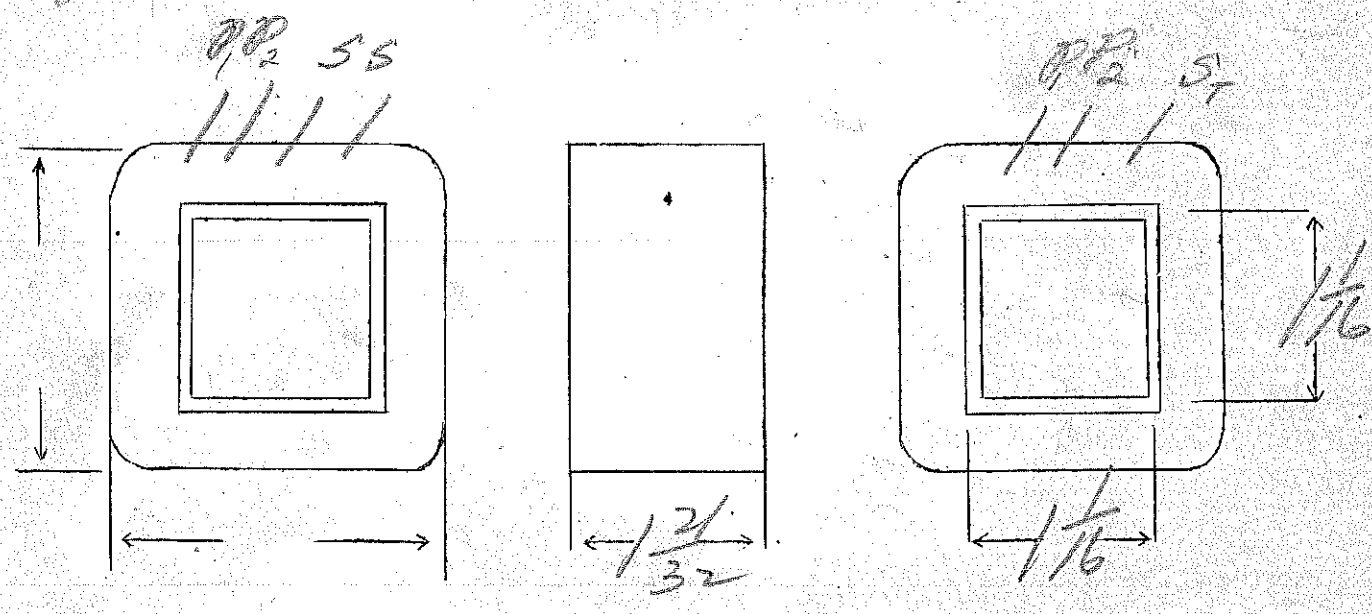
Winding	SEC	SHIELD	PR1	PR1	white F1	green F2
Turns	3680	1	608	608	28	36
Taps	1840					
Wind. Lgth.	$\frac{15}{32}$	$\frac{15}{32}$	$\frac{15}{32}$	$\frac{15}{32}$		
Wire Size	#35	shunt stock	#27	#27	#20	#19
T.P.L.	20-18	$\frac{3}{4}$	87-7	87-7		
Kind Term.	#20 Pr Pr	50 Pr	#20 Pr Pr	#20 Pr Pr	WIPE ON CT	
Term. Lgth.	9"	3"	9"	9"	9"	9"
Layer Insul.	taubk 16 #		40 #	40 #		
Test Volt.	2500		1500	1500	2500	1500
Wrapper	1007VC	1007VC	1007VC	2005GA	2005GA	2005FA

TUBE 7L007 IMPREGNATION Double VARNISH

CORE $\frac{1}{16} \times \frac{1}{16}$ Dynamo PRIMARY V.A. -

MOUNTING SA - Cadmium -

sec - Black, Chg CT
 6.3 - green
 50 - yellow
 Pri starts brown
 Pri finishes green



DESIGNED BY *gww*

DATE 11-10-36

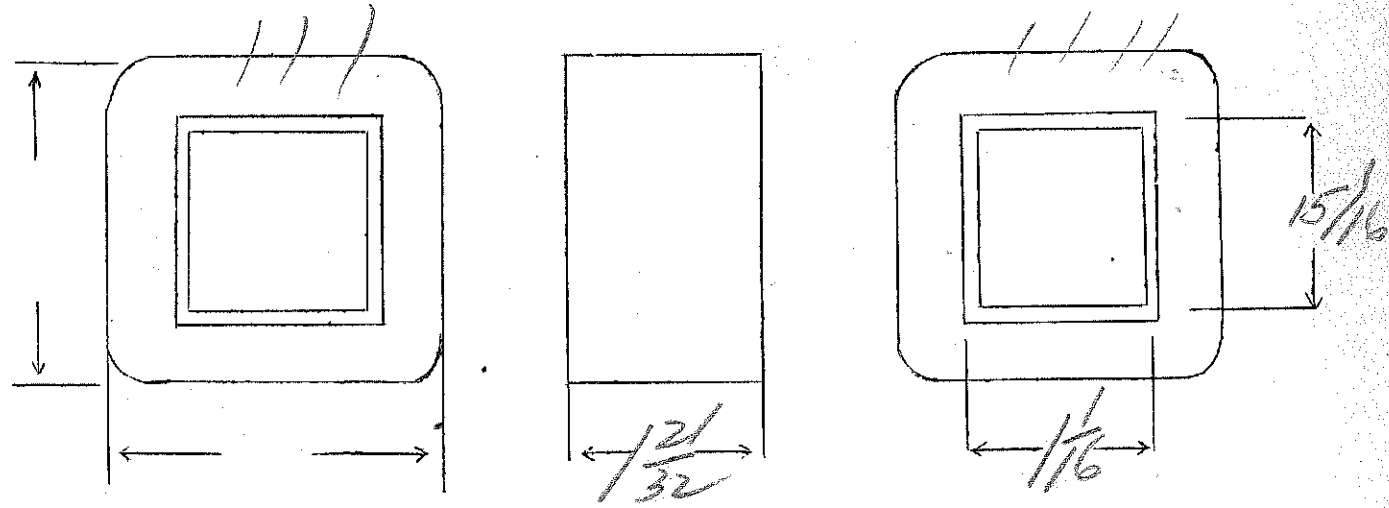
EP - two 120 volt windings for series or parallel
 ES - 660 volt c.t. - 55 mil 57

EF1 - 5V - 2amp EF2 - 6.3V, 2.5amps SPEC. NO. 2626

Winding	SEC	SHIELD	PR1	PR1	F1	F2
Furns	450	1	684	684	32	40
Taps	2075					
Wind. Lgth.	$1\frac{15}{32}$	$1\frac{15}{32}$	$1\frac{15}{32}$	$1\frac{15}{32}$		
Wire Size	#36	Shim Steel	#27	#27	20	19
T.P.L.	235-18		86-8	86-8		
Kind Term.	#20 P. Braid	57A	#20 P. Braid	#20 P. Braid	WIPE ONLY	
Term. Lgth.	9	3	9	9	9	9
Layer Insul.	double 16#		40#	40#		
Test Volt.	2500		1500	1500	2500	1500
Wrapper	1007VC	1007VC	1007VC	2005GA	2005GA	2005GA

TUBE 7L007 IMPREGNATION double varnish
 CORE $1\frac{1}{16} \times 1\frac{15}{16}$ PRIMARY V.A.
 MOUNTING 5A -

Sec Black, Blue c.t.
 6.3v - green
 50 - yellow
 Pri starts brown
 Pri finishes green



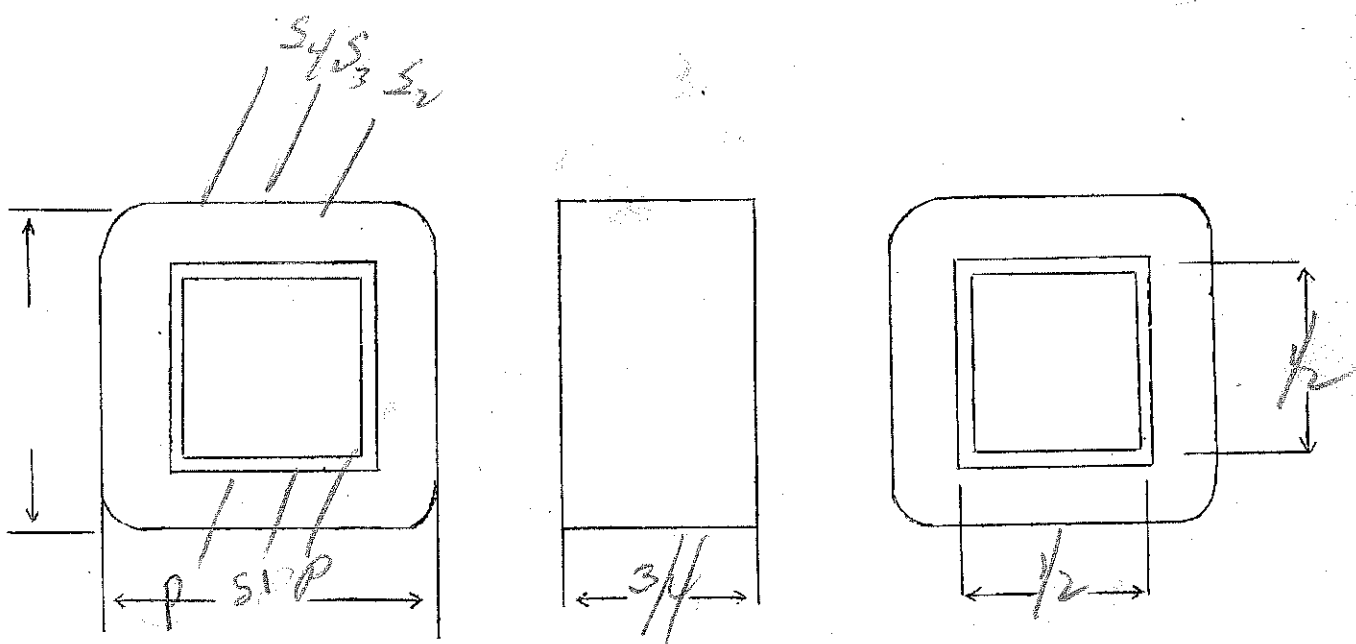
DESIGNED BY *SW*

DATE 11-10-36

Ep-115V
 Es - 1.5V, 1.4V, 1.3V 222

SPEC. NO. 2627

Winding	P	S					
Turns	2560	40					
Taps	-	3.7-3.4					
Wind. Lgth.	5/8						
Wire Size	#38	#23					
T.P.L.	129-20						
Kind Term.	#38	WIRE ONLY					
Term. Lgth.	6"	3" to lug					
Layer Insul.	20#	50#					
Test Volt.	1500						
Wrapper	210056A	210056A					
TUBE	52007		IMPREGNATION	Varnish			
CORE	1/2 x 1/2		PRIMARY V.A.				
MOUNTING	D						

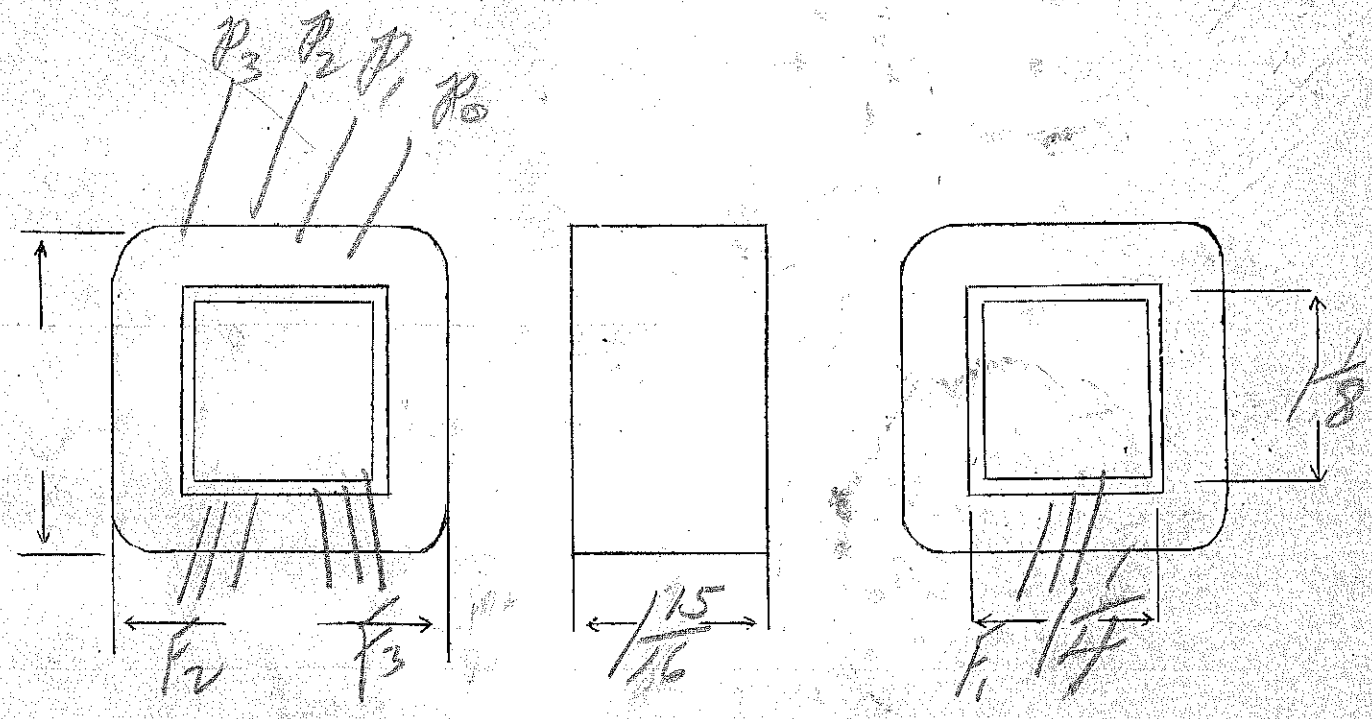


DESIGNED BY *gw*

DATE *11-10-36*

Ep - 105, 110, 115, 120
 EF1 - 2.5VCT - 10amp - 10000 Volt
 EF2 = EF3 = 2.5VCT - 5amp 4.25 SPEC. NO. 2628

Winding	PRI	F1	F2	F3		
Turns	570 490	12	12	12		120V Pri. Leads
Taps	468-450	6	6	6		2.8V no load
Wind. Lgth.	1.75	center	center	center		
Wire Size	#23	#13	#15	#15		
T.P.L.	67-8					
Kind Term.	WIRE ONLY					
Term. Lgth.	6"	6"	6"	6"		
Layer Insul.	50#					
Test Volt.	1500	10,000	10,000	10,000		
Wrapper	3L007VC 2L007GA	3L007VC 2L007GA	3L007VC 2L007GA	3L007VC 2L007GA		
TUBE	7L007	IMPREGNATION		VARNISH		
CORE	1 1/8" Wagon Wheel			PRIMARY V.A.		
MOUNTING	J					



SIGNED BY *HW* DATE 11-25-36

Ep-110-115-125

ADVANCE

ES-2500VCT-400 MA

175

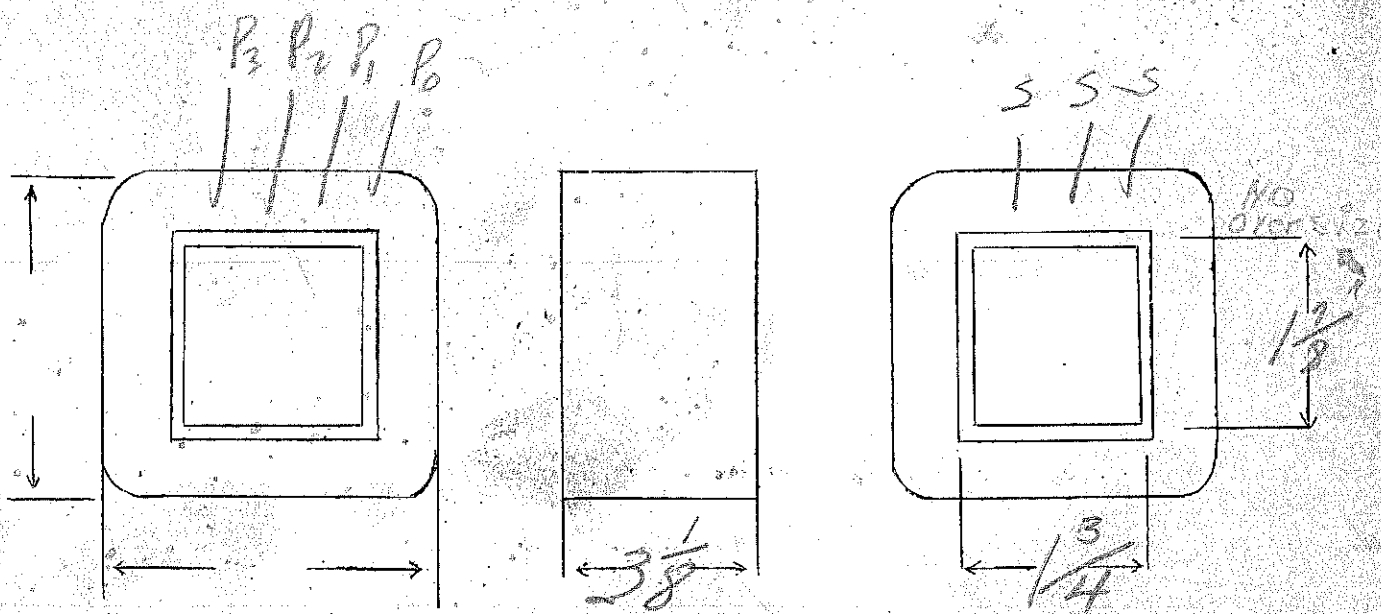
SPEC. NO. 2629

Winding	SEC	PRI				
Turns	4900	219				
Taps	2450	143-202-				
Wind. Lgth.	$\frac{25}{3}$	$\frac{25}{9}$				
Wire Size	#27	#15				
T.P.L.	155-32	41-6				
Kind Term.	WIPE	ONLY				
Term. Lgth.	4"	4"				
Layer Insul.	double 30H	007				
Test Volt.	5000	1250				
Wrapper	21007VC 21005GA	21005GA				

TUBE 19L007+12007VC IMPREGNATION VARNISH

CORE 1 3/4 x 1 7/8 PRIMARY V.A.

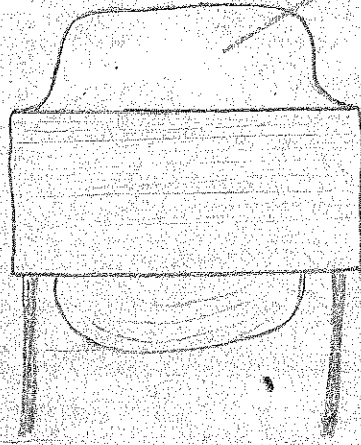
MOUNTING C - long bolts - aluminum shell - laminated dim



DESIGNED BY GW

DATE 11-19-36

aluminum closed top - black



1/2"

sec - legs
Pri - legs

EP - 110-115-120-125
 Yell. Black Green red

ES - 1800V - 350 MA

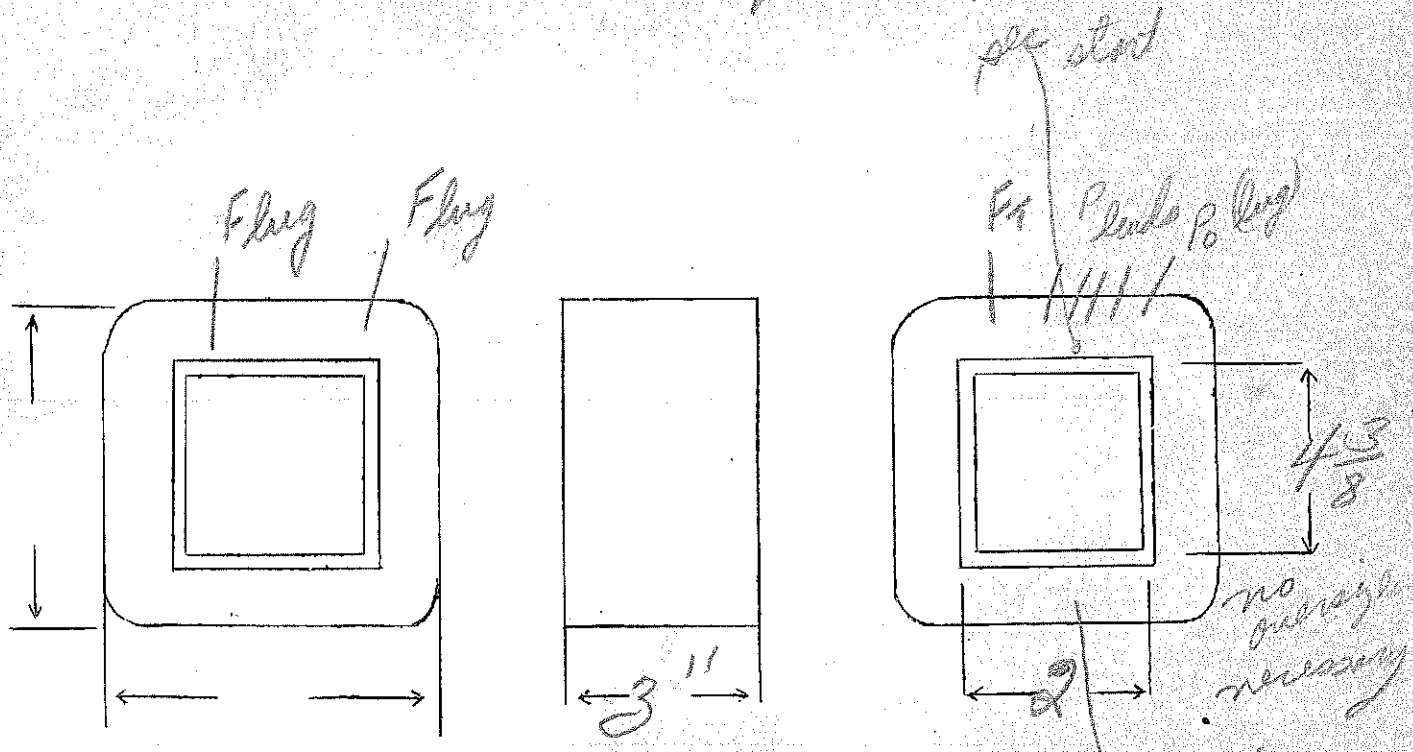
EF - 20V.C.T. - 3.25 amps

125

SPEC. NO. 2630-25

Winding	SEC	SHIELD	PRI	FIL			
Turns	2260	120	156 150 144 138	28			
Taps	—			14			
Wind. Lgth.	2 1/2		2 3/4!				
Wire Size	#25	#25	#11	double #20			
T.P.L.	120-19		6L				
Kind Term.	#20 Par Br	oil Br	wo.				
Term. Lgth.	9"	3"	9"	9"			
Layer Insul.	double 30#		007Kc.				
Test Volt.	5000		2500				
Wrapper	31007VC	21005GA	21005GA	21005BA 11010RR			

TUBE 102007 + 1007VC IMPREGNATION Varnish
 CORE 2 x 4 3/8 - short E PRIMARY V.A.
 MOUNTING C. Open - special upper frame (with ears)



DESIGNED BY *SW*

DATE 5/15/37

DIATHERMY POWER
 210-115-220 125V 100
 7800V 1000ma
 200CT = 5000

2221 } Rose Co

SPEC. NO. 2630 (REV)

Winding	See			File 20 Volt	
Turns	2460 $\frac{1}{2}$	(10%)	162 ^R	284	7 $\frac{1}{2}$ $\frac{1}{2}$
Taps	-		143-150-156	14	
Wind. Lgth.	2 $\frac{1}{2}$ "	Y	B.V. 2 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	
Wire Size	#26		#12 (Use #13 SQ.)	2-#20	
T. P. L.	130-20	60 TURNS ON FIRST + LAST LAYERS	27-66	28-16	
Finish	88 $\frac{1}{2}$ %	SPIRAL EVENLY!!	89 $\frac{1}{2}$ %	83%	
Type Lead	2-30	20L VINYL TURNS	Wide ON 1-SLEEVE	Wide TO LUGS	
Lead Lgth.	1 $\frac{1}{4}$ "		9"	4"	
Layer Insul.	2L		1L .010" CP	-	
Test Volt.	5000V		5000V	5000V	
Wrapper	2L-007" VC		2L-007" VC	2L-007" VC	
	2L-005" GA		2L-005" GA	2L-005" GA	
TUBE	10L-007" BK + 2L-005" VC		IMPREGNATION		Varnish

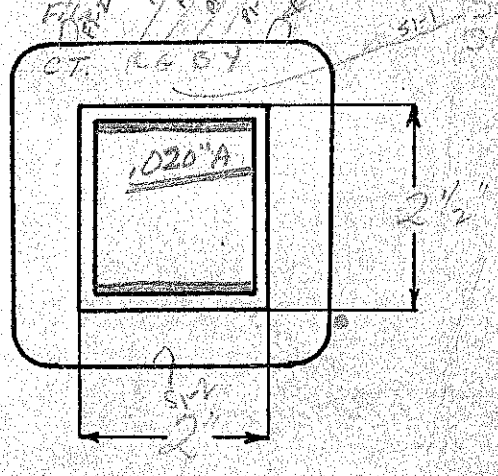
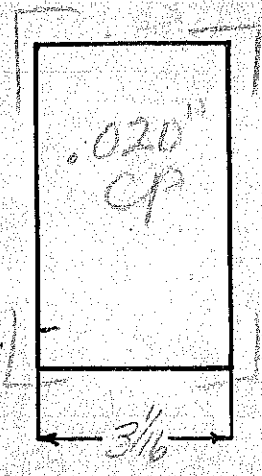
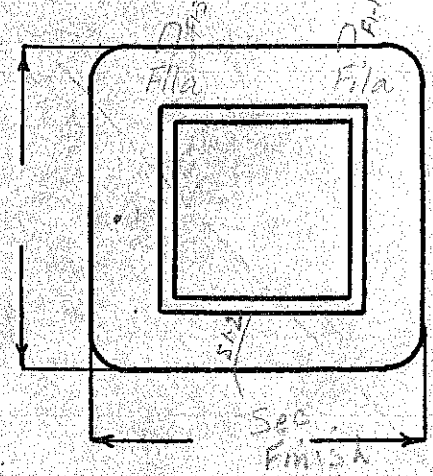
CORE 2x 2 $\frac{1}{2}$ " EXT GA. GRADE D STACK 242

MOUNTING "C" - Open - Upper frame with pins. Lugs

$V_p = 725 - 825 - 628$
 $F_p = 65.5 @ 60v$
 $TPV = 1.3$
 $V_{ind} = 2833 (0.994)$

$\Sigma Sec VA = 600$
 $Pri. VA = 870$
 $P.F.I. = 7.92 \text{ amp}$
 $\eta = 83\%$
 $\cos \theta = 90\%$

File # 20
 0.020" CP
 0.020" A
 CT. 16 57
 5-1 SEC.
 130

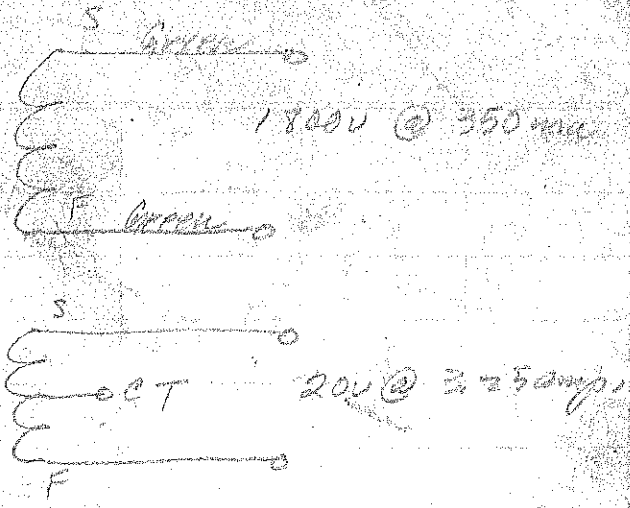
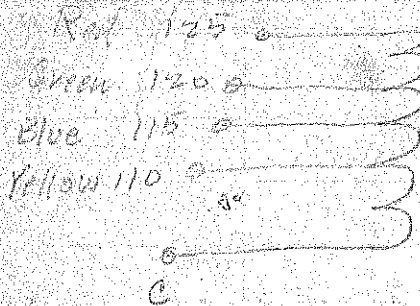


DESIGNED BY HWS

DATE 7-8-41

2630

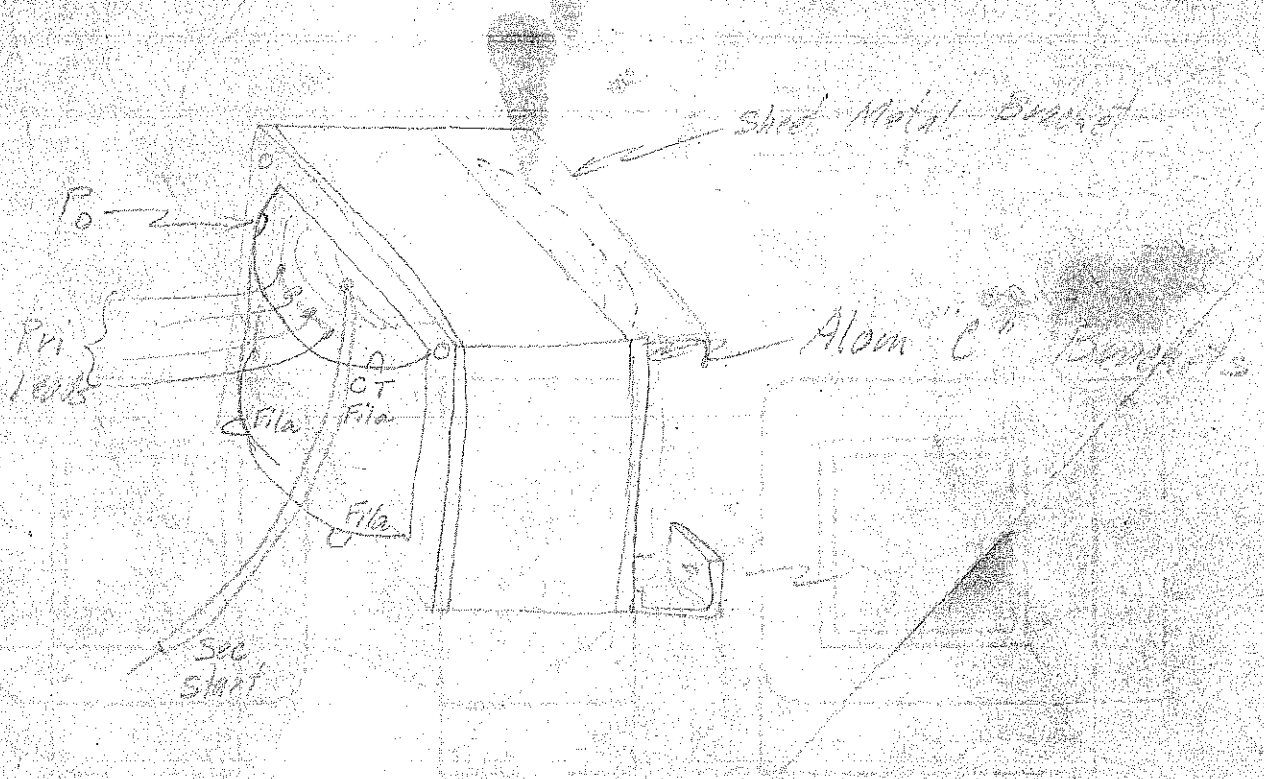
Pri



Notes: Use 2" sheet laminations.
Spiral first & last layers of
HV secondary.
Finish -

Prim. start come to leg. -

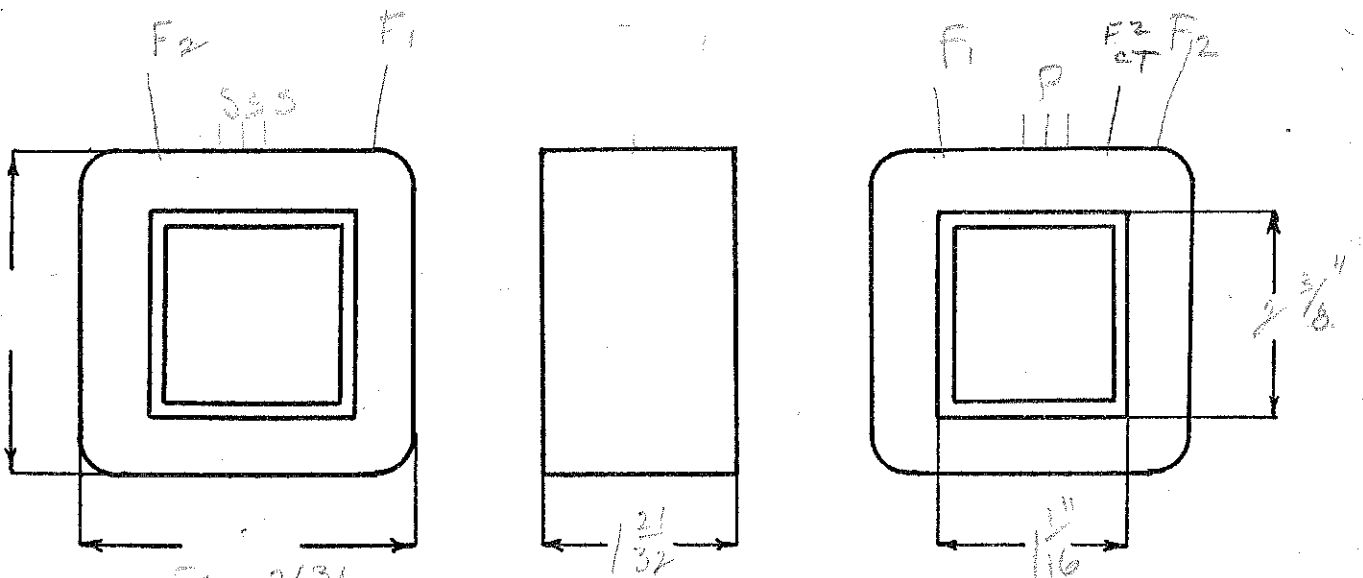
Sec. leads covered with dual V.C. tubing.



$E_p = 115$
 $E_s = 72.5 \text{ V.C.T. @ } 85 \text{ ma}$
 $E_{F1} = 5 \text{ V } 3 \text{ amps}$
 $E_{F2} = 6.3 \text{ } 3 \frac{1}{2} \text{ C.T.}$

SPEC. NO. 2631-40W

Winding	Sec	Shield	Pri	Green F ₁	Blue F ₂		
Turns	2640	170	412	18	23		
Taps	1320		380		12		
Wind. Lgth.	1 $\frac{15}{32}$	1 $\frac{15}{32}$	1 $\frac{15}{32}$				
Wire Size	#33	#33	#22	#18	#18		
T. P. L.	170-16		48-9				
Finish							
Type Lead	Sil Br	wire only	wire only	wire only	wire only		
Lead Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	double 16#		50#				
Test Volt.	2500		1250				
Wrapper	26 GR 16007VC	16007VC	260056A	260056A	260056A		
TUBE	76007K			IMPREGNATION		Varnish	
CORE	1 $\frac{1}{16}$ x 2 $\frac{3}{8}$	GA.	24	GRADE		STACK 2x2	
MOUNTING	"C"						



DESIGNED BY From 2631
HKD

DATE 10/22

Ep - 115-125
 Es - 725VCT-85MA
 Ef - 5V-3amp
 Ef - 6.3VCT-30amp

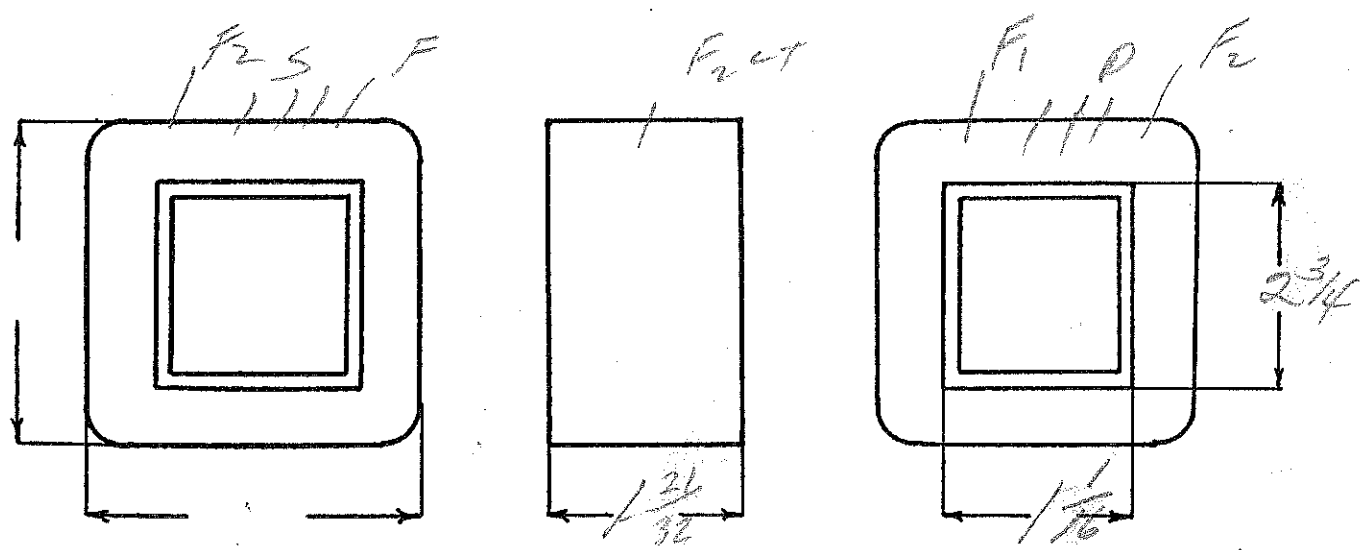
SPEC. NO. 2631-25N

Winding	SEC	SHIELD	PRI	F ₁	F ₂		
Turns	2650	171	410	19	24		
Taps	1325		375	—	12		
Wind. Lgth.	1 15/32						
Wire Size	#33	#33	#22	#18	#18		
T. P. L.	171-16		48				
Finish	—	—	—	—	—		
Type Lead	5/1 Br		WIRE ONLY				
Lead Lgth.	3"	✓	✓	✓	✓		
Layer Insul.	double 20#		50#				
Test Volt.							
Wrapper	3L 6L 1L007KC	1L007KC	2L005GA	2L005GA	2L005GA		

TUBE	7407	IMPREGNATION	VARNISH
------	------	--------------	---------

CORE	1/16K 23/4	GA.	GRADE	STACK
------	------------	-----	-------	-------

MOUNTING C — cadmium — alum. form.



DESIGNED BY *EW*

DATE 12/22/37

EP-113
 ES-125VCT-85ms

EP1-5V, 3amp

EP2-6.3VCT-3amp

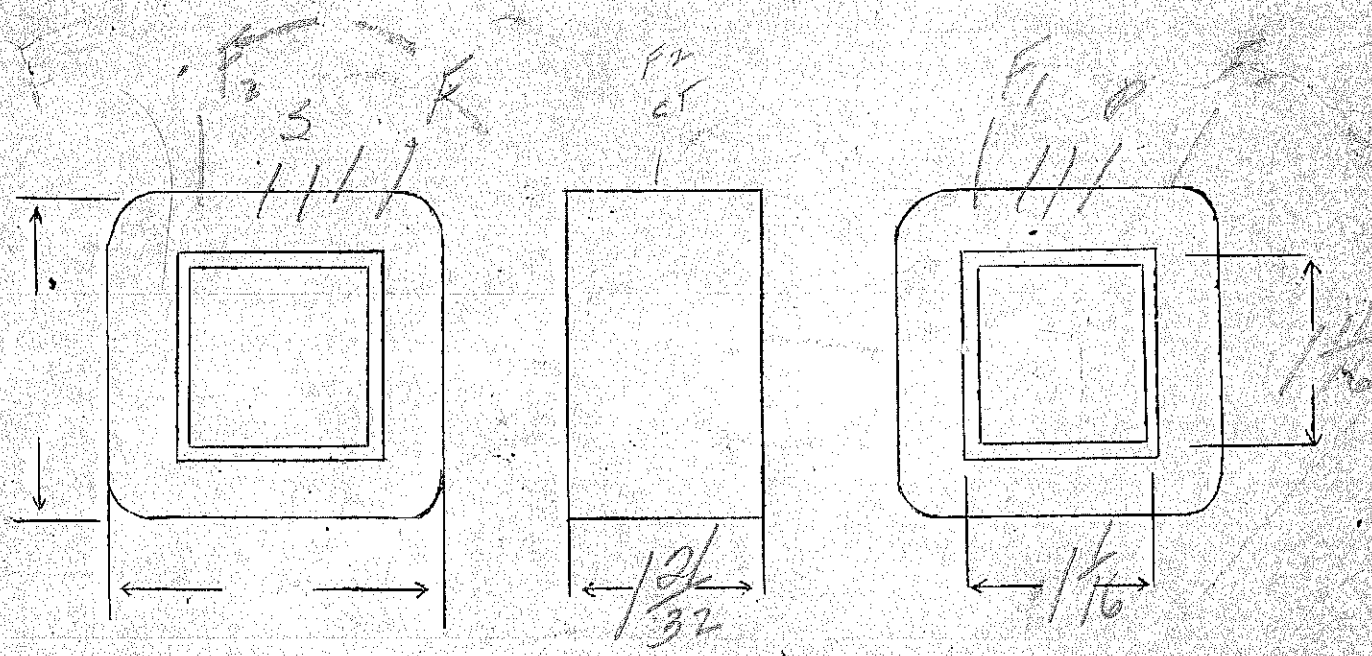
SPEC. NO. 2631

Winding	SEC	SHIELD	PR1	F1	F2		
Turns	2640	170	412	18	23		
Taps	1320		380		12		
Wind. Lgth.	1 15/32	1 15/32	1 15/32				
Wire Size	#33	33	#22	#18	#18		
T.P.L.	170-16		48-9				
Kind Term.	sil br		WIRE ONLY	WIRE ONLY			
Term. Lgth.	3 1/4	3"	3"	3"	3"		
Layer Insul.	16#		50#				
Test Volt.	2500		1250				
Wrapper	21007VC	21007VC	210056A	210056A	210056A		

TUBE 72007 IMPREGNATION VARNISH

CORE 1/16 x 1/16 PRIMARY V.A.

MOUNTING C



DESIGNED BY glw

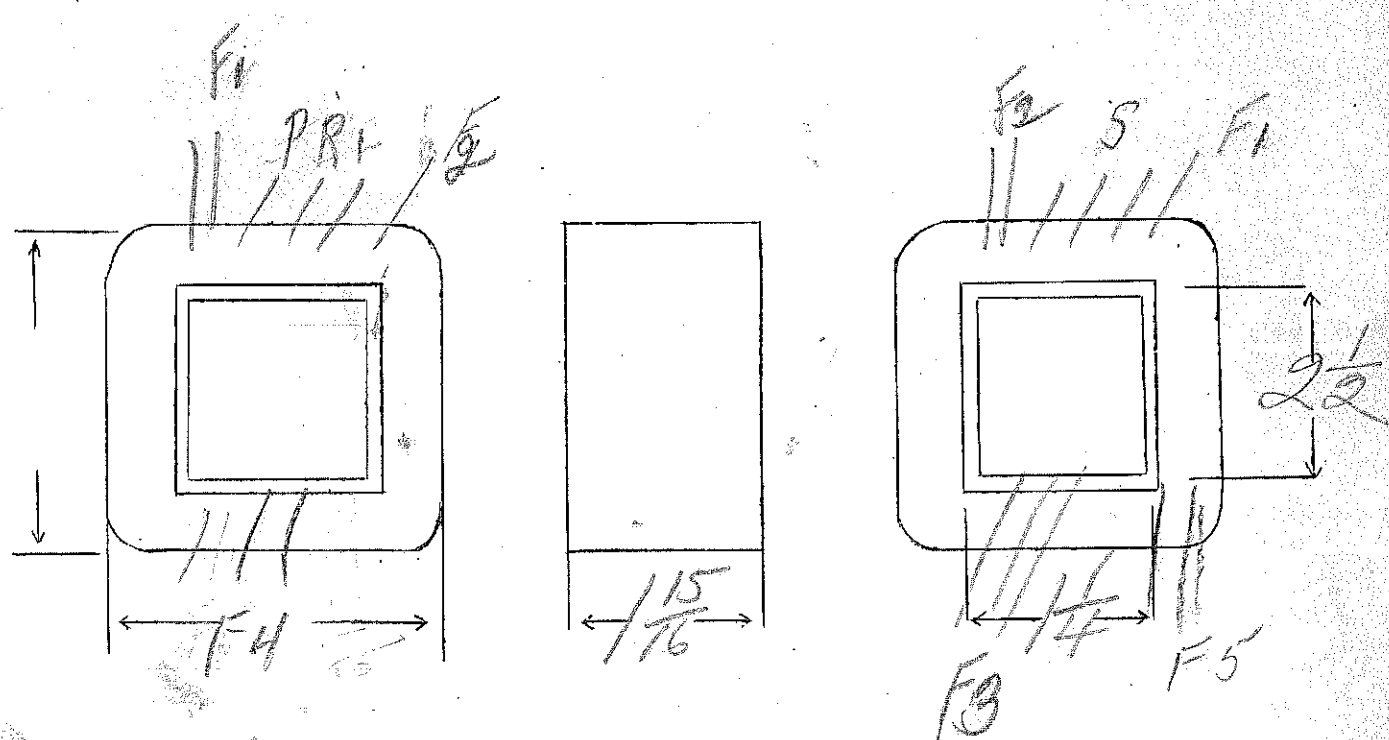
DATE 11-17-36

EP-115 + 120
 E3 - 1200V CT - 125 Ma
 EF1 - 7.5V CT - 2.5 amp
 EF2 - 7.5V CT - 1.25 amps

EF3 - 2.5V CT - 1.75 amps
 EF4 - 2.5V CT - 5 amp
 EF5 - 2.5V - 7 amp
 SPEC. NO. 7632
 N/A = 218

Winding	SEC	SHIELD	PRI	F1 ⁸⁵	F2 ⁶¹	F3	F4	F5
Turns	2950	164	264	18	18	6	6	6
Taps	1475	-	252	9	9	3	3	-
Wind. Lgth.	1.75	1.75	1.75					
Wire Size	#31	#31	#20	#18	#21	#20	#15	#16
T.P.L.	164-18	-	47-6					
Kind Term.	#79		#20 PPR					
Term. Lgth.								
Layer Insul.	double 20#	-	double 40#					
Test Volt.	2500		1250	2500	1250			
Wrapper	21007VC	11007VC	210076A		210076A			210076A

TUBE 7L007 + 11007VC IMPREGNATION Varnish
 CORE 1/4 x 2 1/2 PRIMARY V.A.
 MOUNTING vertical bracket only



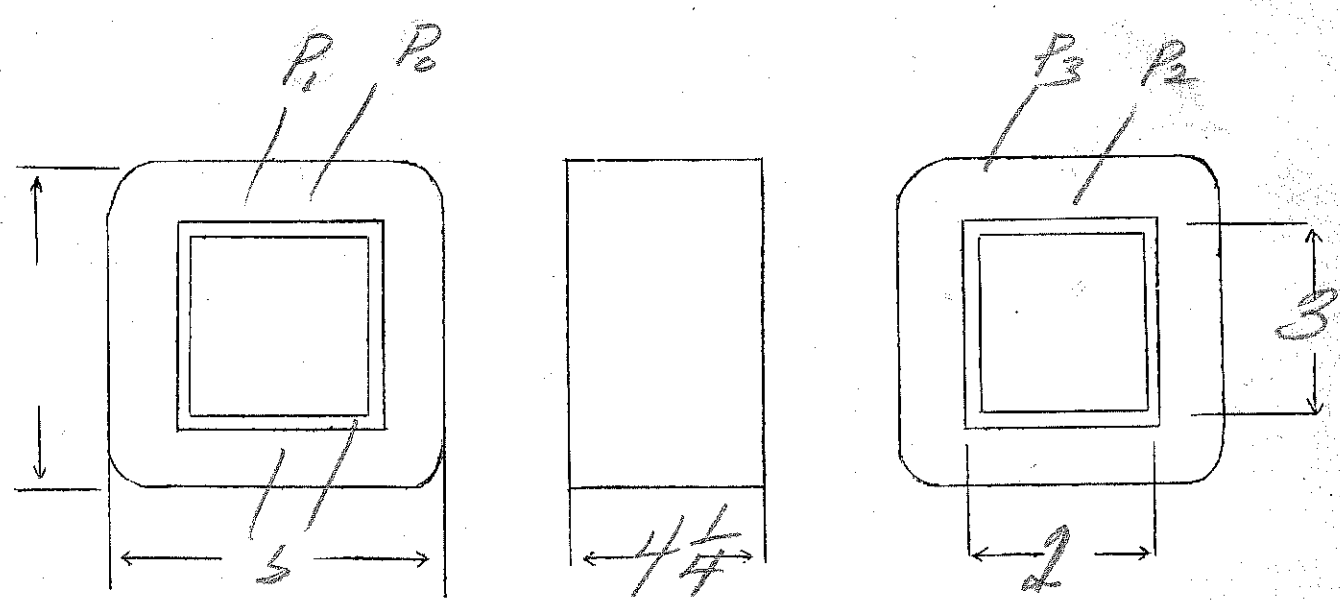
DESIGNED BY *Blu* DATE 11-17-36

Ep-110-115-120
 Es-3500V. 250 ma

VA = 880 watts

M/E = 106 SPEC. NO. 2633

Winding	SEC	PR1					
Turns	4050	127					
Taps		122-117					
Wind. Lgth.	3 1/2	3 1/2					
Wire Size	#25	#11					
T.P.L.	169-24						
Kind Term.	WIRE	ONLY					
Term. Lgth.	4"	4"					
Layer Insul.	double 40#	007					
Test Volt.	10000						
Wrapper	26007VC 26005GA	36005GA					
TUBE	102607+26007VC		IMPREGNATION		VARNISH		
CORE	2x3		PRIMARY V.A.				
MOUNTING	G						



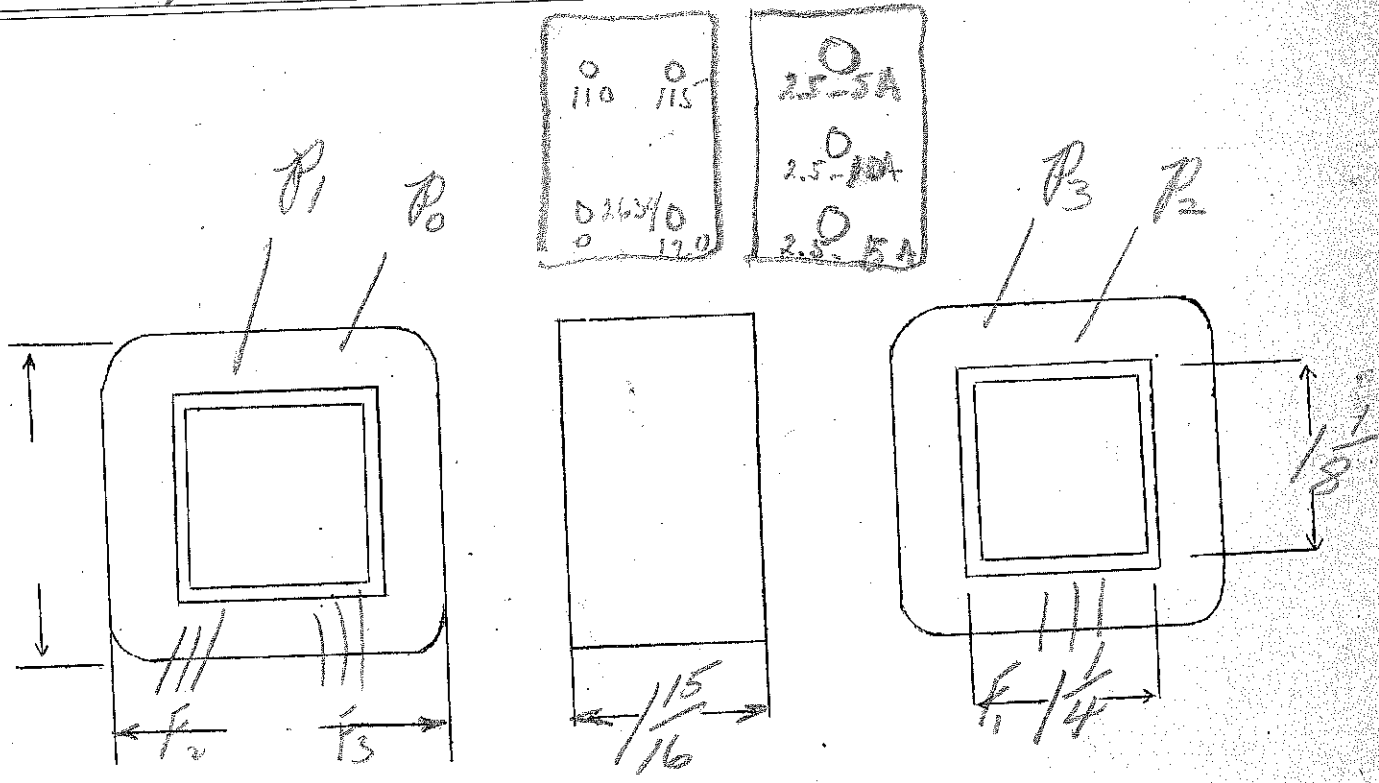
DESIGNED BY *GW*

DATE 11-20-36

Ep- 110-115-120
 Ef1- 2.5V.C.T-10amps
 Ef2 = Ef3 = 2.5V.C.T-5amps

all sec 7500V. Ins
 428 SPEC. NO. 2634

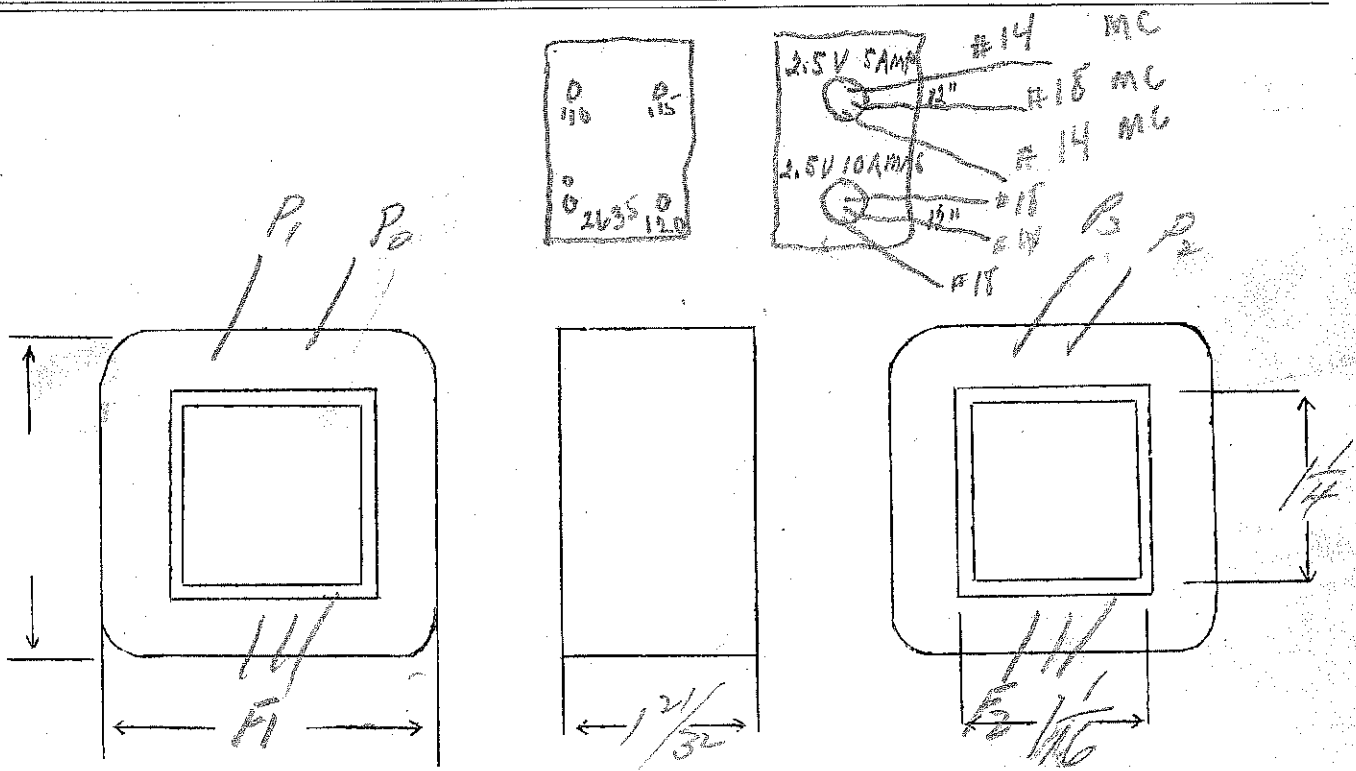
Winding	PR1	F1	F2	F3		
Turns	515 443	12	12	12		
Taps	472	6	6	6		
Wind. Lgth.	1.75	center	center	center		
Wire Size	#23	#12	#15	#15		
T.P.L.	68-9					
Kind Term.	N.O.	#14	Rubber	Covered		
Term. Lgth.	3"	10"	10"	10"		
Layer Insul.	50#					
Test Volt.	1250	7500	7500	7500		
Wrapper	3L007VC 2L007GA	3L007VC 2L007GA	3L007VC 2L007GA	3L007VC 2L007GA		
TUBE	7L007	IMPREGNATION		VARNISH		
CORE	1/4X	PRIMARY V.A.				
MOUNTING	SF					



Ep - 110-115-120
 Ef₁ - 2.5V.C.T. - 5amp } 7500V Dns to ground & pri only
 Ef₂ - 2.5V.C.T. - 1amp }
 44 SPEC. NO. 2635

Winding	PR1	F ₁	F ₂			
Turns	528 506	12	12			
Taps	485	6	6			
Wind. Lgth.	1 15/32	1"				
Wire Size	#27	#15	#20			
T.P.L.	86			center carefully		
Kind Term.	WIRE ONLY	#14	Rubber Covered	#18	C.T.	
Term. Lgth.	3"	10"	10"			
Layer Insul.	40#					
Test Volt.	2500	7500				
Wrapper	4L007VC 2L005GA	3L007VC	4L007VS 2L005GA			

TUBE	72007	IMPREGNATION	VARNISH
CORE	1 1/16 x 1 1/4	PRIMARY V.A.	
MOUNTING	SF		



DESIGNED BY *AW*

DATE 11-20-36

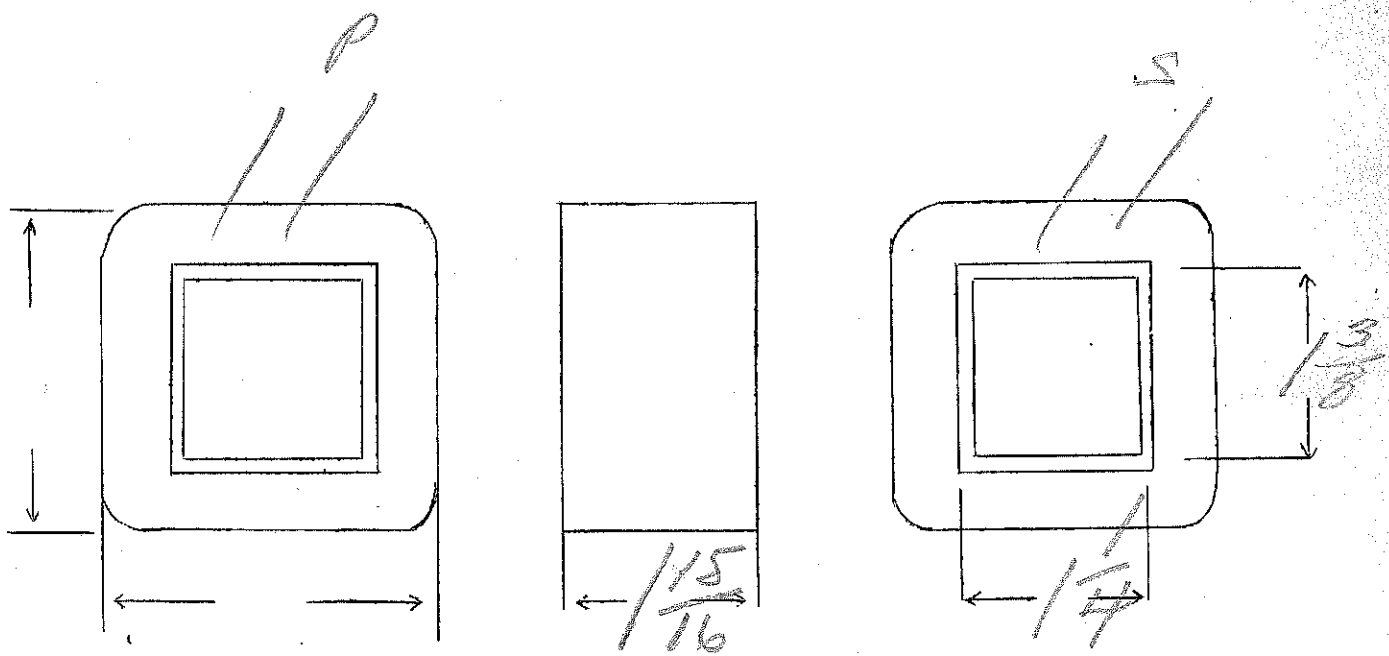
Ep- 115V

Es- 6V- 20amp intern. capacity

356

SPEC. NO. 2636

Winding	PR1	SEC					
Turns	410	24					
Taps	—	—					
Wind. Lgth.	1.75	1.75					
Wire Size	#21	double #13					
T.P.L.	53-8						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"	3"					
Layer Insul.	50#	007					
Test Volt.	1250	1250					
Wrapper	260076A	260076A					
TUBE	72007		IMPREGNATION	VARNISH			
CORE	1/4 x 1/8		PRIMARY V.A.				
MOUNTING	B						



DESIGNED BY *AW*

DATE 11-17-36

$E_p = 115$
 $E_s = 5VCT - 3Amp (6.14)$

OLD

$\frac{N}{E} = 7.5$

SPEC. NO. F-2637

Winding	Pri	Sec				
Turns	860	44				
Taps		22				
Wind. Lgth.	$\frac{7}{8}$	$\frac{7}{8}$				
Wire Size	#31	#18				
T. P. L.	80-11	3L				
Finish						
Type Lead	Si/Br	W.C.				
Lead Lgth.	3"	3"				
Layer Insul.	30#					
Test Volt.	1250	1250				
Wrapper	2L005GA	2L005GA				

Redesigned for
 new catalog. For
 new number see - F-7571

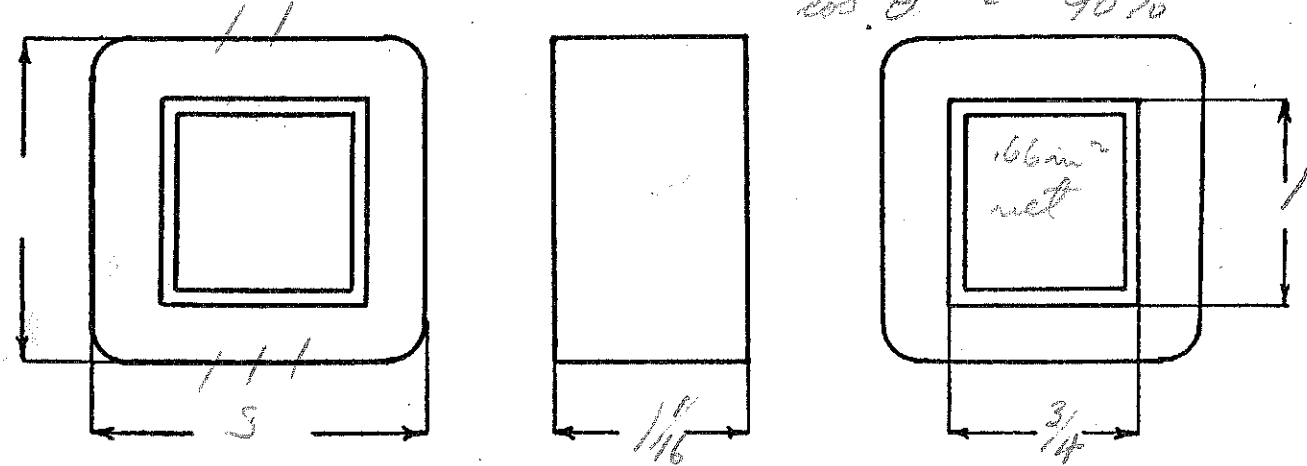
TUBE	7L007GK	IMPREGNATION	Varnish
------	---------	--------------	---------

CORE	$\frac{3}{4} \times 1$	GA.	24	GRADE	D	STACK	2X2
------	------------------------	-----	----	-------	---	-------	-----

MOUNTING D

$Cu = 475 - 540$
 $Fe = 79.5$
 $TPV = 7.16 (7.34)$
 $WireNet = (.258)$

$\Sigma Sec VA = 15$
 $Pri VA = 20.1$
 $Pri I = .168$
 $\lambda = 83\%$
 $\cos \theta = 90\%$



DESIGNED BY G.W

DATE 11-18-36

FILAMENT

STOCK

115 volts @ 50/60 cycles

5 volts @ 3 Amps

SPEC. NO. F2637

Winding	1-2 Pri.	3-4-5 Sec.			
Turns	1-2 947	3-4-5 48			
Taps	--	24			
Wind. Lgth.	1 1/16	3/4			
Wire Size	#30	#18			
T. P. L.	87-11L	16-3L			
Finish	89%	89%			
Type Lead	Silver Braid	W.O.			
Lead Lgth.	3"	3"			
Layer Insul.	30#	1L005GA			
Test Volt.	1250	2500			
Wrapper	.136 3L005GA	.136 3L005GA			

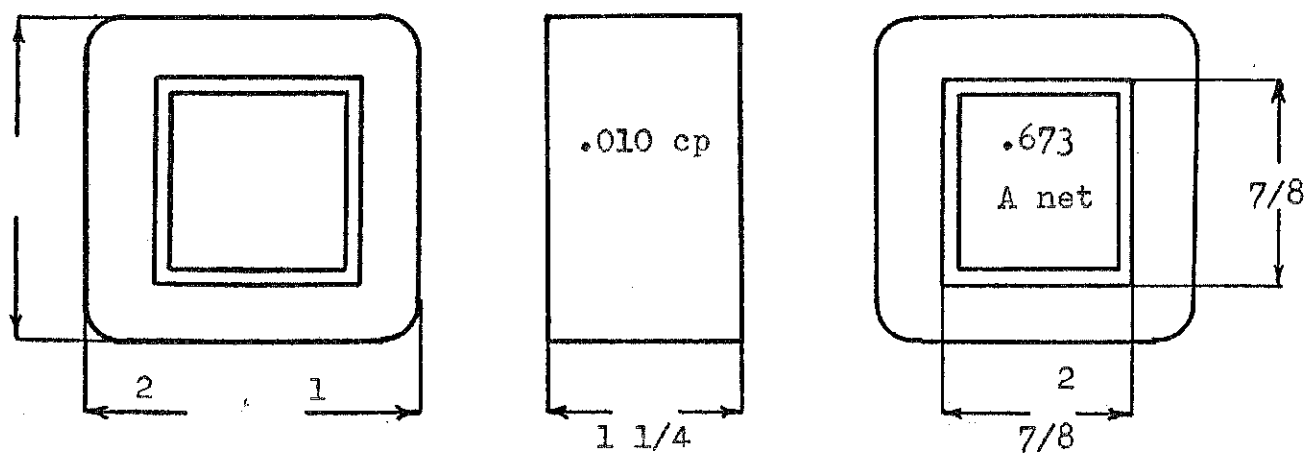
TUBE 7L007GK IMPREGNATION

CORE 7/8 x 7/8 GA. 24 GRADE D STACK 2x2

MOUNTING D - Leads

T.P.W. - 8.75
window - .361 / .4375 = 82.5%

5 4 3



DESIGNED BY S. W. B

DATE 5-7-47

DESIGN AND TEST DATA

Rating:

Sec. VA = 15

Pri. VA = 20.1

Pri. I = 175 Ma.

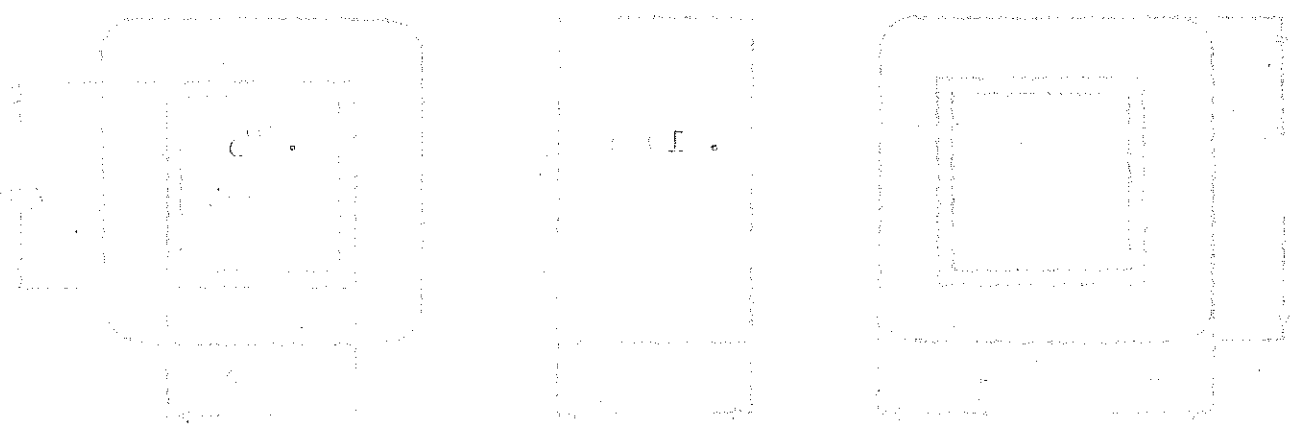
Winding	Pri.	Sec.				
Mean Turn	4.37	5.58				
Resistance 25° c	363	.152				
Pounds Copper	.107	.116				
Copper Density	575	541				
Ratio Volts	115	5.04				
Test to Ground	1250	2500				

Iron Induction 12.6 kg @ 50 Cycles

Exciting Current 54 milliamperes @ 115 volts 60 cycles on 1-2

Induced Test: Apply _____ Volts at _____ Cycles _____ on _____ with _____ grounded

Remarks:



FILAMENT

STOCK

115 volts @ 50/60 cycles

5 volts @ 3 Amps

SPEC. NO. F2637

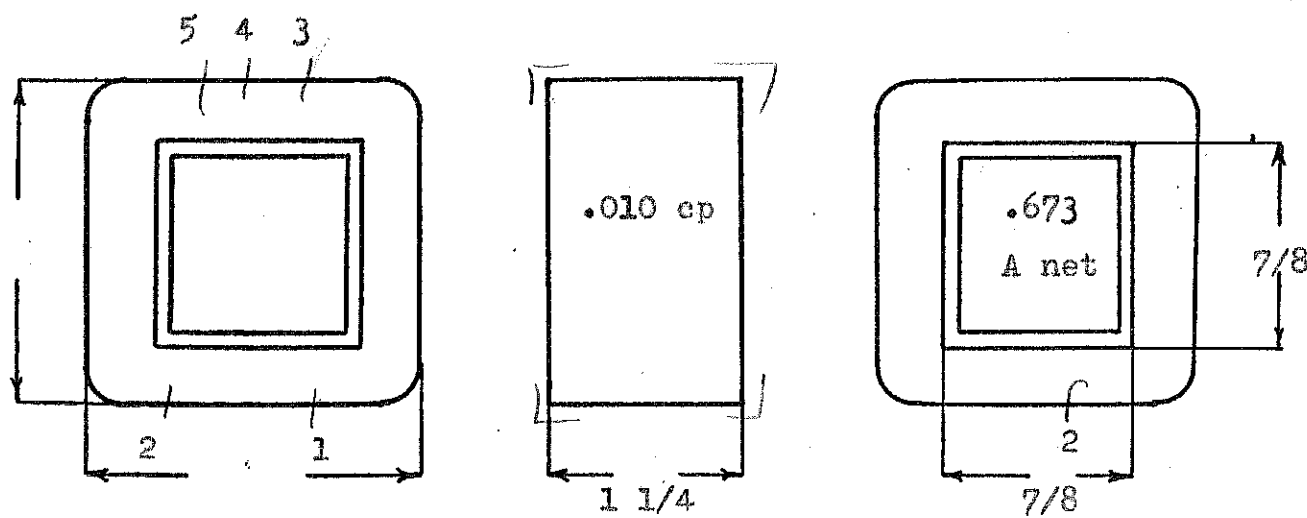
Winding	1-2 Pri.	3-4-5 Sec.				
Turns	1-2 947	3-4-5 48				
Taps	--	24				
Wind. Lgth.	1 1/16	3/4				
Wire Size	#30	#18				
T. P. L.	87-11L	16-3L				
Finish	89%	89%				
Type Lead	Silver Braid	W.O.				
Lead Lgth.	3"	3"				
Layer Insul.	30#	1L005GA				
Test Volt.	1250	2500				
	.136	.136				
Wrapper	3L005GA	3L005GA				

TUBE 7L007GK IMPREGNATION

CORE 7/8 x 7/8 GA. 24 GRADE D STACK 2x2

MOUNTING D

T. P. V. - 8.25
 window - $.361 / .4375 = 82.5\%$



DESIGNED BY S. W. B.

DATE 5-7-47

DESIGN AND TEST DATA

Rating:

Sec. VA = 15

Pri. VA = 20.1

Pri. I = 175 Ma.

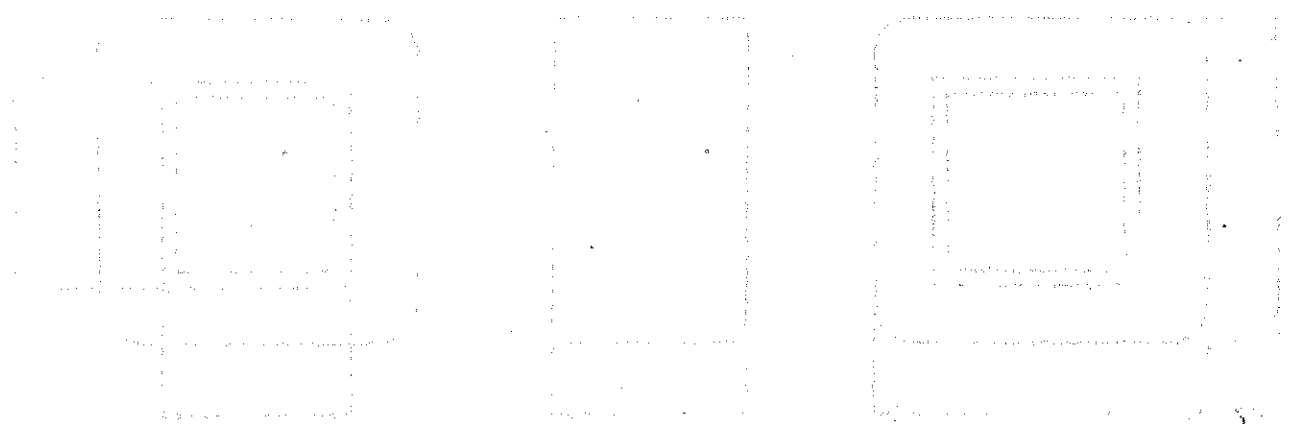
Winding	Pri.	Sec.				
Mean Turn	4.37	5.58				
Resistance 25° c	363	.152				
Pounds Copper	.107	.116				
Copper Density	575	541				
Ratio Volts	115	5.04				
Test to Ground	1250	2500				

Iron Induction 12.6 kg@ 50 Cycles

Exciting Current 54 milliamperes @ 115 volts 60 cycles on 1-2

Induced Test: Apply _____ Volts at _____ Cycles on _____ with _____ grounded

Remarks:



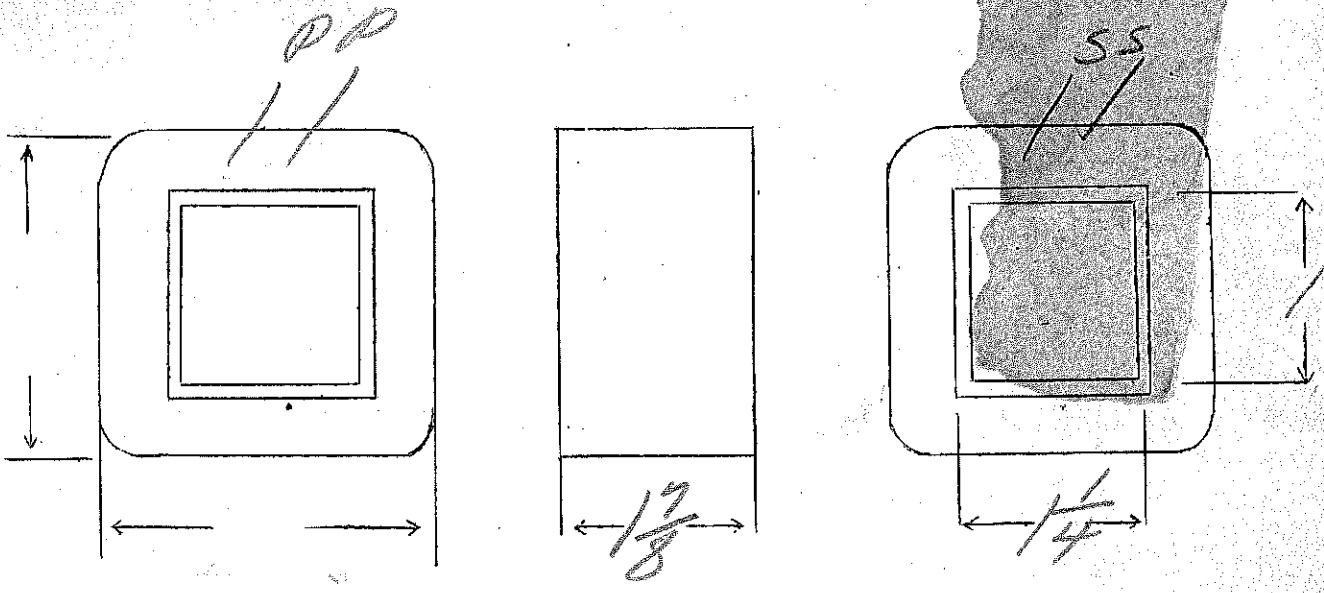
Ep - 115V
 Es - 1500V - 20Ma - 100000 Dns

485

SPEC. NO. 2638

Winding	PRI	SEC				
Turns	560	8000				
Taps	—	—				
Wind. Lgth.	1 5/8	1"				
Wire Size	#25	#37				
T.P.L.	77-8	184-44				
Kind Term.	WIRE ONLY	Silver				
Term. Lgth.	3"	3"				
Layer Insul.	50#	30#				
Test Volt.		10000				
Wrapper	5600 W	4600 TVC 2600 SGA				

TUBE	7-007	IMPREGNATION
CORE	1/4 x 1	PRIMARY V.A.
MOUNTING	B	



DESIGNED BY gw

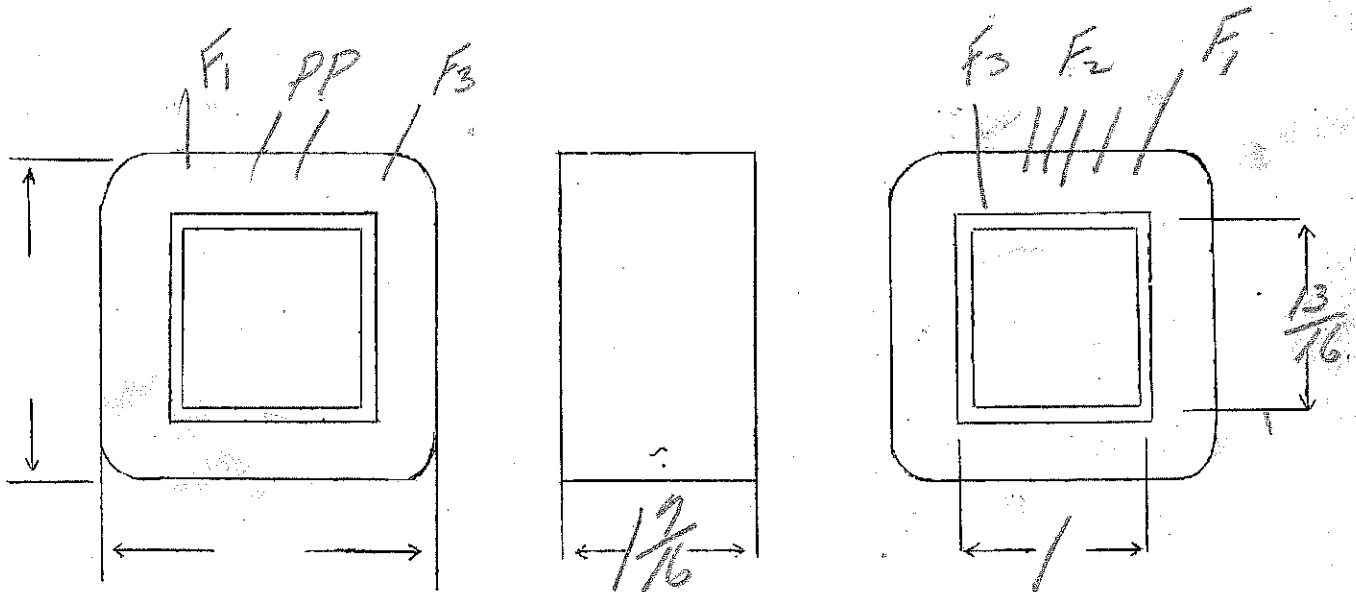
DATE 11-19-36

Ep - 115 V. EF₃ - 6V - 1/2 amp
 EF₁ - 3V - 4 amps
 EF₂ - 15V CT 3 amps (CT out) 7.0 SPEC. NO. 2639

Winding	PRI	F ₁	F ₂	F ₂	F ₃			
Turns	805	24	6	6	48			
Taps	—	—	—	—	—			
Wind. Lgth.	1.25	—	—	—	—			
Wire Size	#28	#17	#18	#18	#28			
T.P.L.	81-10							
Kind Term.	← #20 Par Braid →							
Term. Lgth.	Blue 8"	white 8"	red - yellow 8"	red - yellow 8"	blue			
Layer Insul.	40 #							
Test Volt.	1250	✓	✓	✓	✓			
Wrapper	20056A	20056A		20056A	20056A			

TUBE 7L007 IMPREGNATION VARNISH
 CORE 1 x 13/16 PRIMARY V.A.
 MOUNTING B with leads

F₂ - both leads out on CT



Ep-110, 115, 120, 125 V-25N

E.S. ROSS MFG. CO.

Es - 11V - 8amps CT

2041-25
SPEC. NO. or 2640-25N

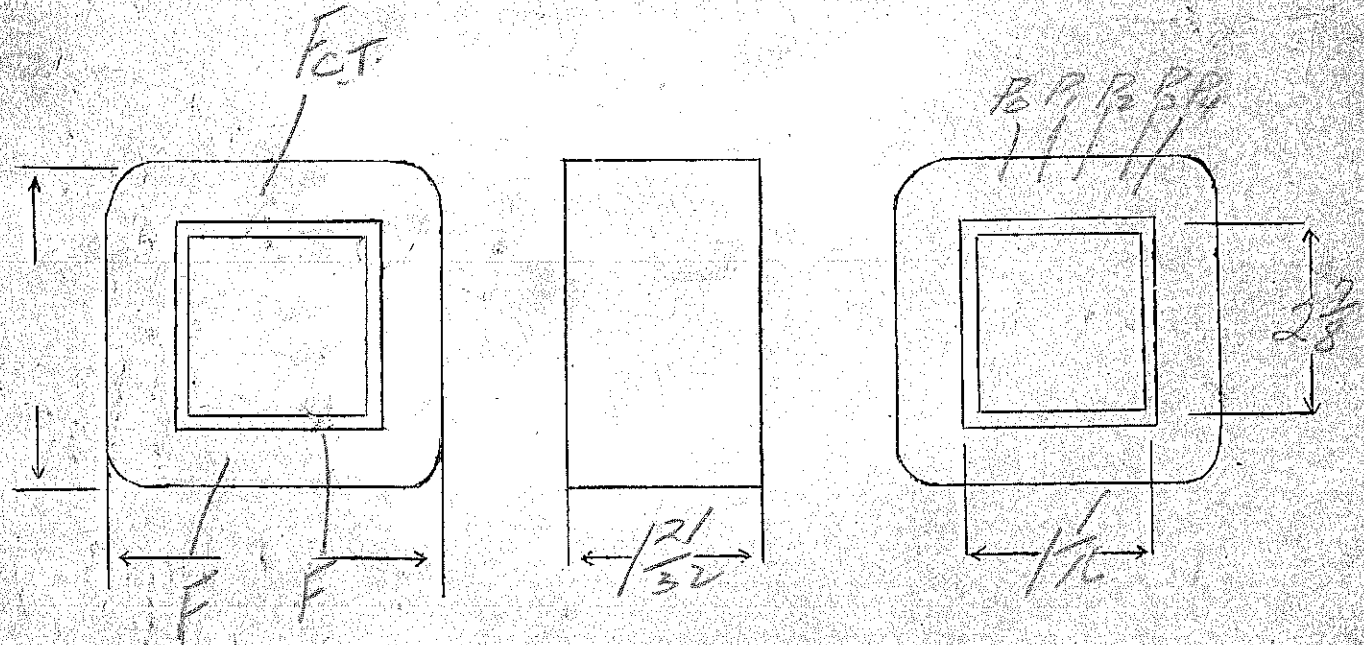
309

Winding	PRI	SEC				
Turns	386	38				
Taps	341 356-340	19				
Wind. Lgth.	$\frac{15}{32}$					
Wire Size	#21	# double 16				
T.P.L.	44-9	3L				
Kind Term.	WIRE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	50#	-				
Test Volt.	1250	1250				
Wrapper	310058A	310058A				

TUBE	74007	IMPREGNATION	YARNISH
CORE	$\frac{1}{16} \times 2 \frac{7}{8}$	PRIMARY V.A.	

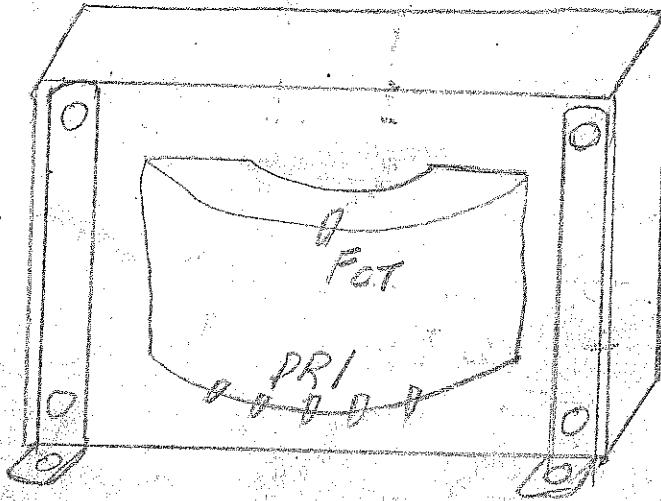
MOUNTING Open - on side with brackets

(Base coil black paint) MULTIWINDER - RIGHT
SINGLEWINDER - LEFT



DESIGNED BY *SW*

DATE 11-19-36

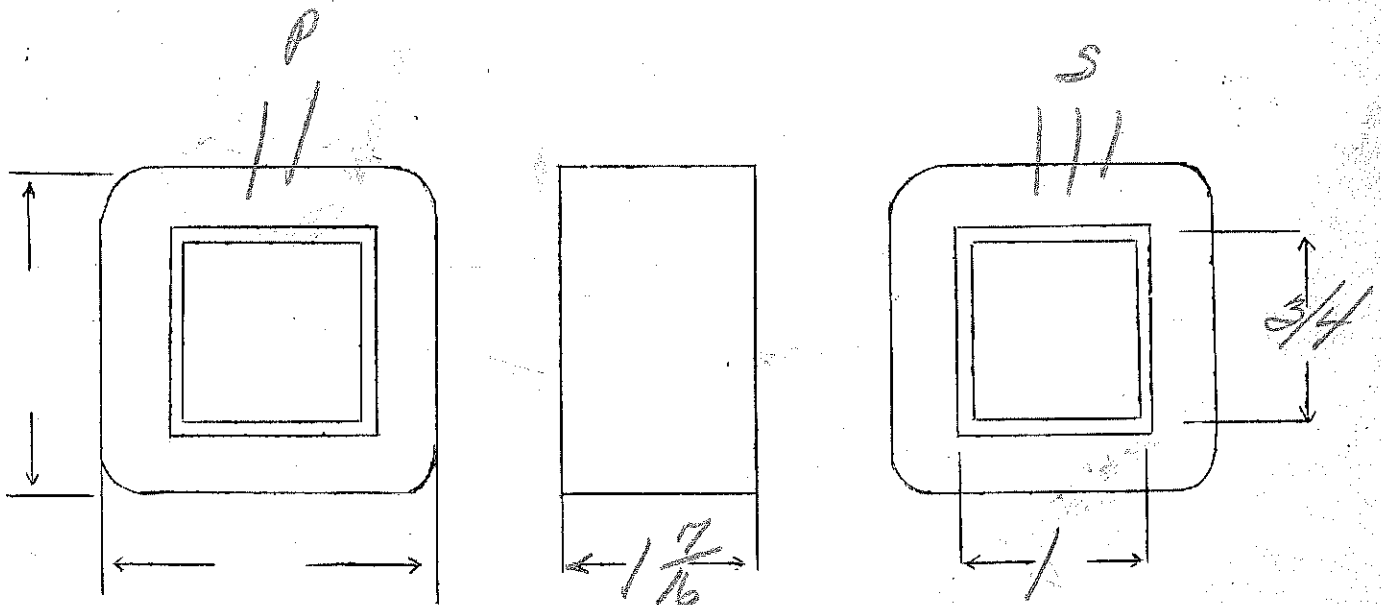


Ep - 115V
 Ef - 2.5V - 2amps CT 10000 v Ans

W/E = 8

SPEC. NO. 2641

Winding	P	S					
Turns	920	23					
Taps		12	!!!				
Wind. Lgth.	1.25	1/2"					
Wire Size	#29	#19					
T.P.L.	43-10						
Kind Term.	#20 Plan	WIRES ONLY					
Term. Lgth.	8"	3" to lug					
Layer Insul.	30#						
Test Volt.	1500	10000					
Wrapper	4L007VC 2L005GA	4L007VC 2L005GA					
TUBE	7L007		IMPREGNATION	VARNISH			
CORE	1x 3/4		PRIMARY V.A.				
MOUNTING	B						



DESIGNED BY *gw*

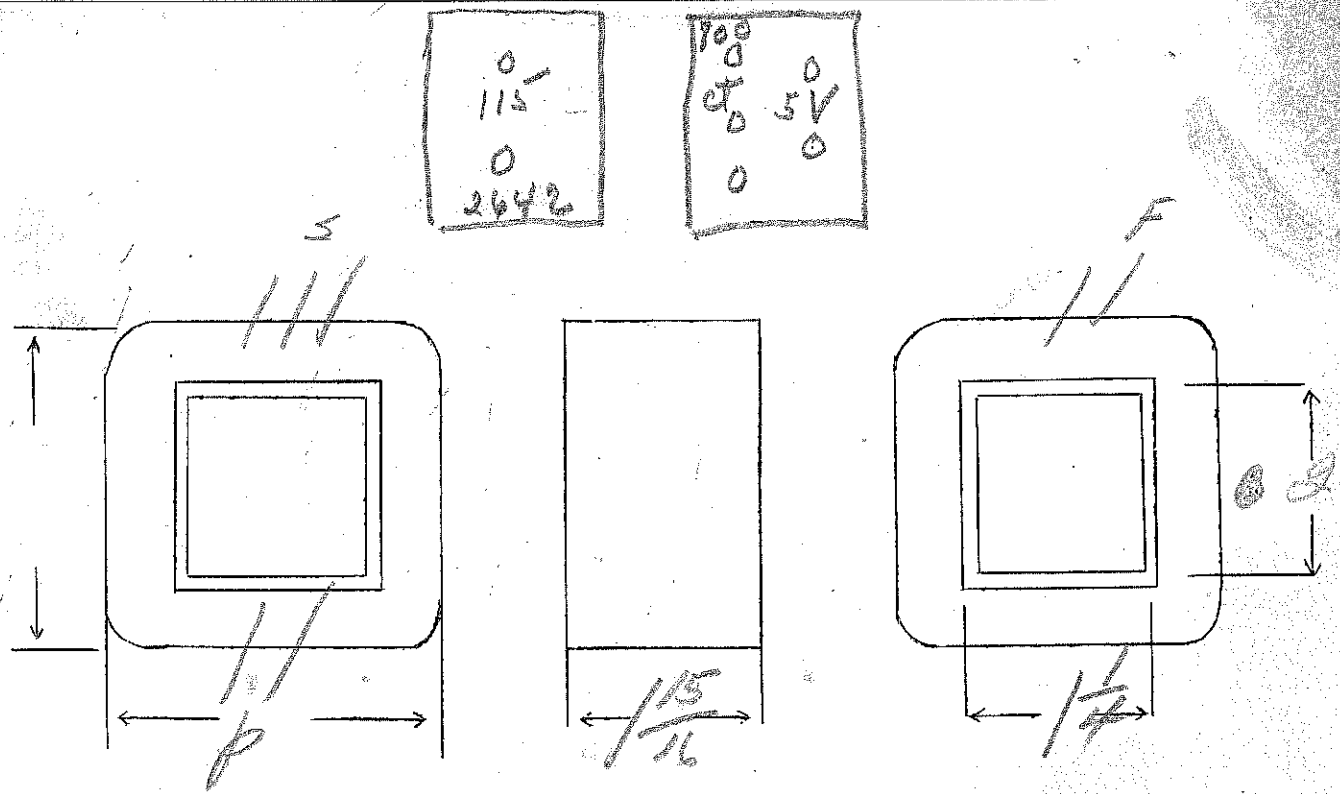
DATE 11-19-36

EP - 115
 ES - 800VCT - 300Ma.
 EF - 5V - 3amps

SPEC. NO. 2642

Winding	SEC	PRI	FIL			
Turns	2300	300	14			
Taps	1150	—				
Wind. Lgth.	1.75	1.75				
Wire Size	#28	#21	#18			
T.P.L.	17-20	53-6				
Kind Term.	WIRE ONLY					
Term. Lgth.	6"	6"				
Layer Insul.	double 20#	50#				
Test Volt.	2500	1250				
Wrapper	200TK	200GA				

TUBE 71007 IMPREGNATION VARNISH
 CORE 1/4 x 2 PRIMARY V.A.
 MOUNTING F - use #10 STUD BOLTS

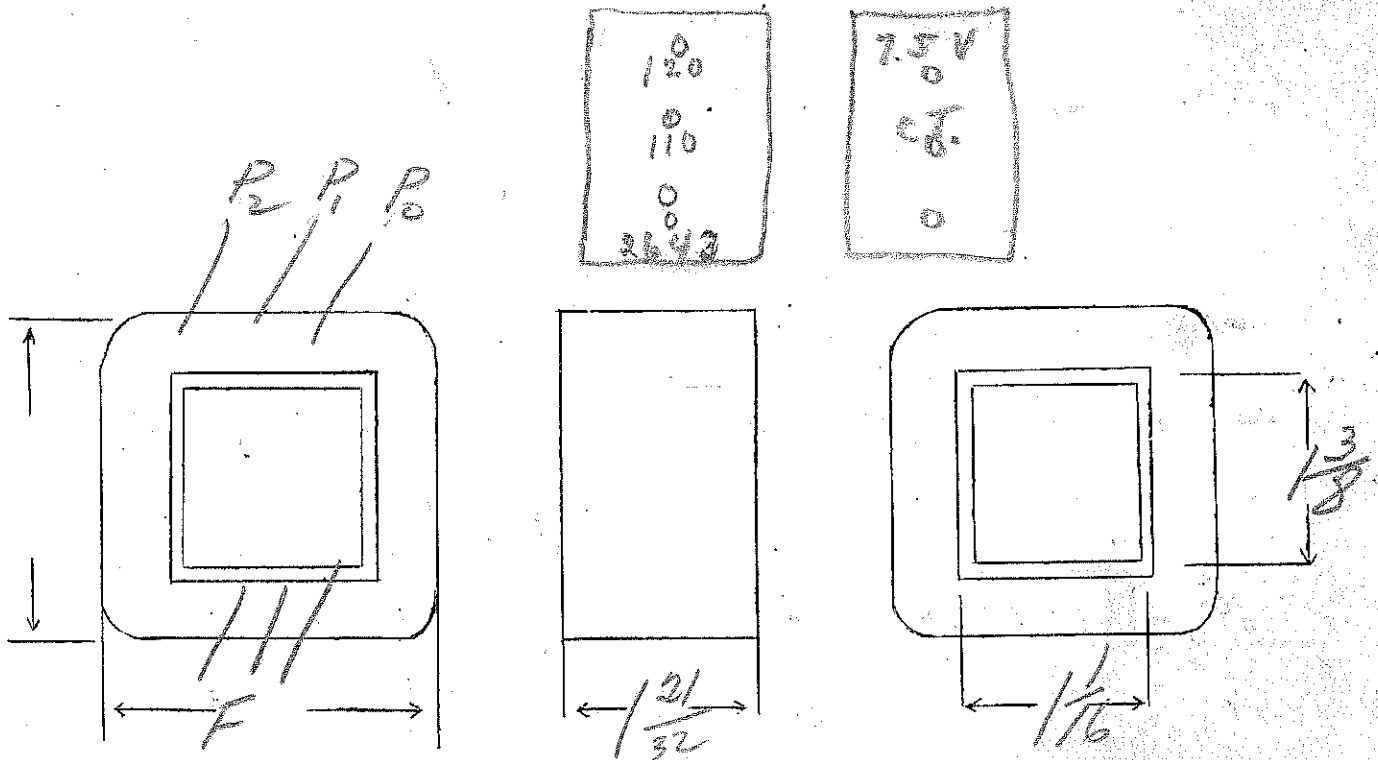


DESIGNED BY J. J. [unclear] DATE 11-30-36

Ed - 110, 120V
 Ef - 7.5V - CT - 10 amps

SPEC. NO. 2643

Winding	PRI	FIL				
Turns	492	34				
Taps	450	17				
Wind. Lgth.	$1\frac{5}{32}$	$1\frac{5}{32}$				
Wire Size	#23	double 15#	- CT one strand only			
T.P.L.	57-9	3L				
Kind Term.	WIRE	ONLY				
Term. Lgth.	3"	3"				
Layer Insul.	50#					
Test Volt.	1500	1500				
Wrapper	3605GA	3605GA				
TUBE	9607		IMPREGNATION	VARNISH		
CORE	$1\frac{1}{16} \times 1\frac{3}{8}$		PRIMARY V.A.			
MOUNTING	F					



DESIGNED BY GW

DATE 11-23

Ep - 115V - 120V

VA = 600

Es - 2900VCT, 2000VCT - 400MA. 16

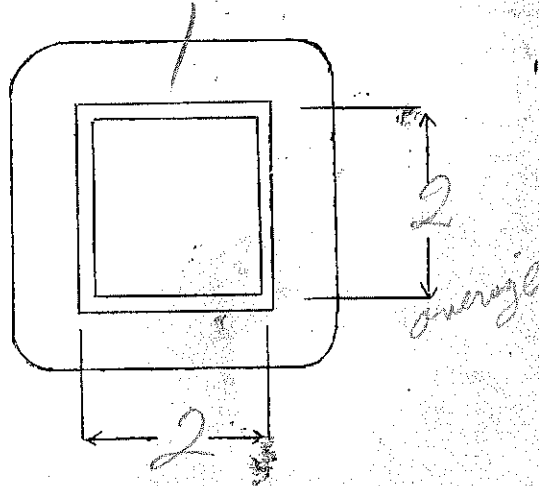
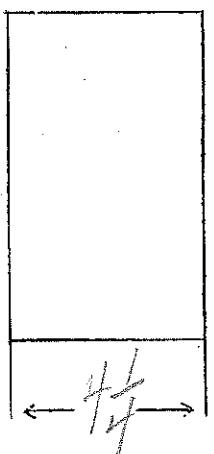
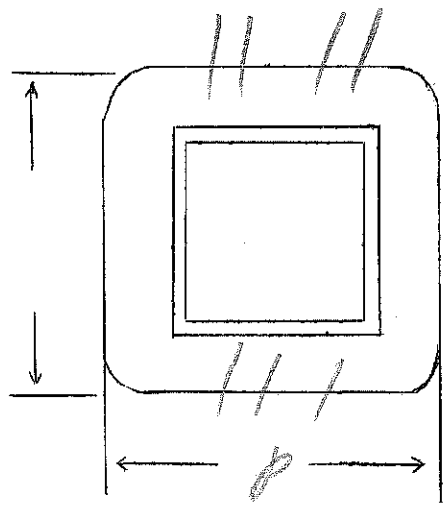
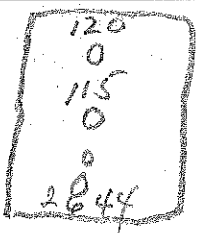
SPEC. NO. 2644 (0144)

Winding	SFC	PRI				
Turns	5060 4280	192				
Taps	2530 780	184				
Wind. Lgth.	35/8					
Wire Size	#26	#12				
T.P.L.	145-26	54				
Kind Term.	WIRE ONLY					
Term. Lgth.	4"	4"				
Layer Insul.	double 40#	.007 KRAFT				
Test Volt.	2500	2500				
Wrapper	31007VC 31005GA	31005GA				

TUBE 1060072000 7VC IMPREGNATION

CORE 2x2 PRIMARY V.A.

MOUNTING G - STUD BOLTS



DESIGNED BY JHW

DATE 11-30-36

Ep - 105-115-125
 Es - 25004. - 400 Ma
 Ef - 5.2 V.C.T. - 15amps

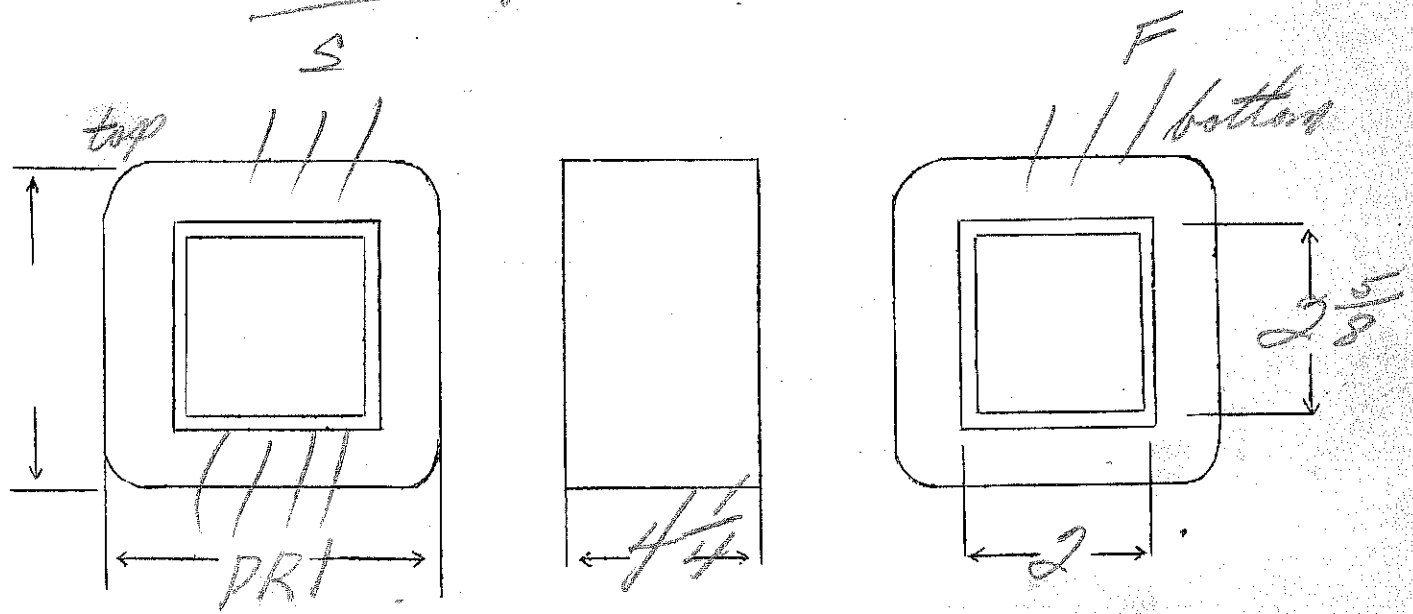
123
 SPEC. NO. 2645

Winding	SEC	PR1	FIL			
Turns	3400	154	7			
Taps	—	146 130	3	Silber CT		
Wind. Lgth.	3 5/8					
Wire Size	#25	#11	#11 Ribbon			
T.P.L.	192-18	35-5				
Kind Term.	WIPE ONLY	✓	✓			
Term. Lgth.	3"	3"	3"			
Layer Insul.	double 50#	100# KRAFT				
Test Volt.	2500					
Wrapper	210056A 21007VC 210056A	210056A	210056A 10010RA			

TUBE 91007 + 21007VC IMPREGNATION VARNISH
 CORE 2 x 2 5/8 PRIMARY V.A.

MOUNTING uncess - channel iron frame top

all to lug



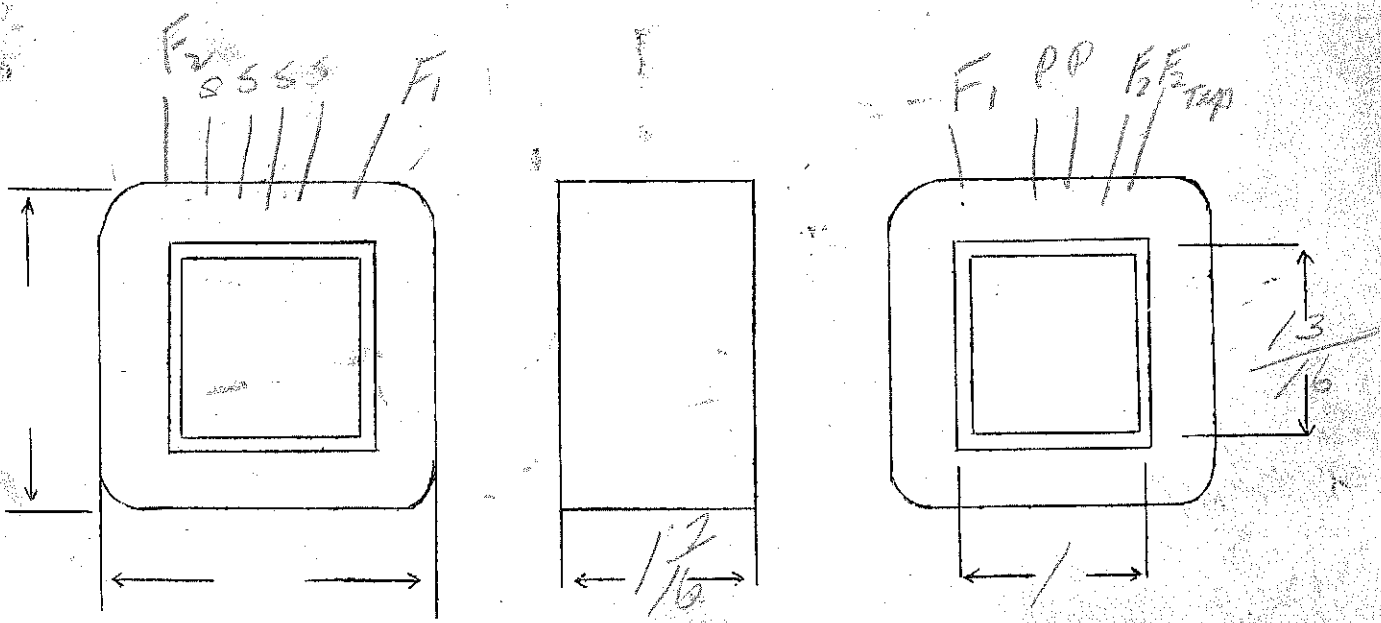
DESIGNED BY *glw*

DATE 11-25-36

Same as 300 except for setup

SPEC. NO. 2646

Winding	SEC	SH	P	F ₁	F ₂		
Turns	4050 2325	73	730	35	17		
Taps	2025				8		
Wind. Lgth.	1.25	✓	✓	✓	✓		
Wire Size	37	27	27	21	double #21		
T.P.L.	226		74				
Kind Term.	3/4 braids		W.O.	W.O.	W.O.		
Term. Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	double 16	✓	double 20 #	✓	✓		
Test Volt.	✓	✓	✓	✓	✓		
Wrapper	160070C	160050C	260056A	260056A	260056A		
TUBE	52007	IMPREGNATION		✓			
CORE	1/8 x 13/16	PRIMARY V.A.					
MOUNTING	B						



DESIGNED BY Hew

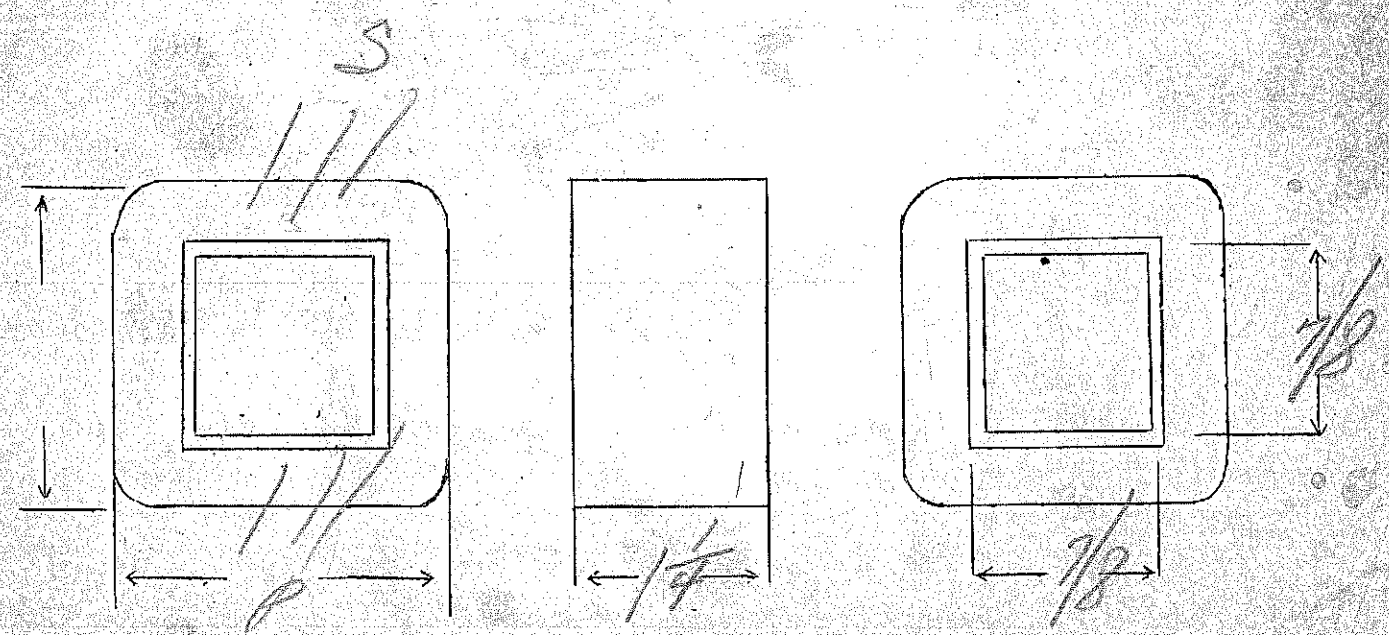
DATE 11-27-36

Special 6V vibrator to 115V - 10 wires

ME-55 SPEC. NO. 2647

Winding	SEC	PR1				
Turns	1100	66				
Taps	-	33				
Wind. Lgth.	1 1/16	1 1/16				
Wire Size	#31	#18				
T.P.L.	95-12	3L				
Kind Term.	#20 D.B.V.	W.O.				
Term. Lgth.	9"	9"				
Layer Insul.	30#	-				
Test Volt.	2500					
Wrapper	210056A	210056A				

TUBE 52007 IMPREGNATION VARNISH
 CORE 7/8 x 7/8 PRIMARY V.A.
 MOUNTING D

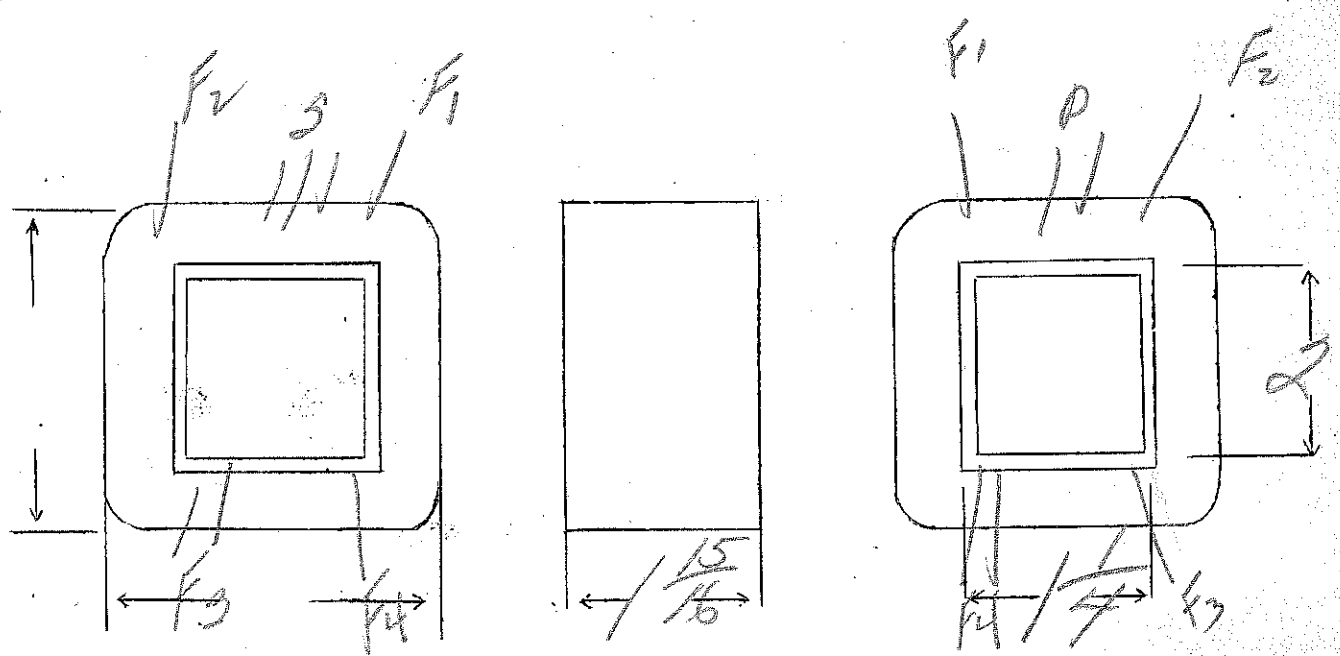


SIGNED BY [Signature] DATE 11-30

EP-115V
 E3-800V.CT.-200MA
 EF1-5V, 3amp
 EF2-2.5V-CT-5amp
 EF3-6.3VCT-3A.
 EF4-6.3V-1.5A-

SPEC. NO. 2648

Winding	SEC	SH	P.	F1	F2	F3	F4
Turns	1940	125	260	12	6	15	15
Taps	970			-	3	7	7
Wind. Lgth.	1.75	1.75	1.75				
Wire Size	#29	#29	#20	#18	double #18	#18	#20
T.P.L.	125-16	125	45-6		24		
Kind Term.	#20 P.P.W.	SIL P.W.	#20 P.P.W.	WIFE ONLY			
Term. Lgth.	9"	3"	9"	9"	9"	9"	9"
Layer Insul.	30 #		50 #				
Test Volt.	2500		1250				
Wrapper	14007VC 3L BR.	14007VC	210075A		21007VC		21007VC
TUBE	14007+14007VC			IMPREGNATION		VARNISH	
CORE	1/4 X 2			PRIMARY V.A.			
MOUNTING	A						



DESIGNED BY *GLW*

DATE 11-30-36

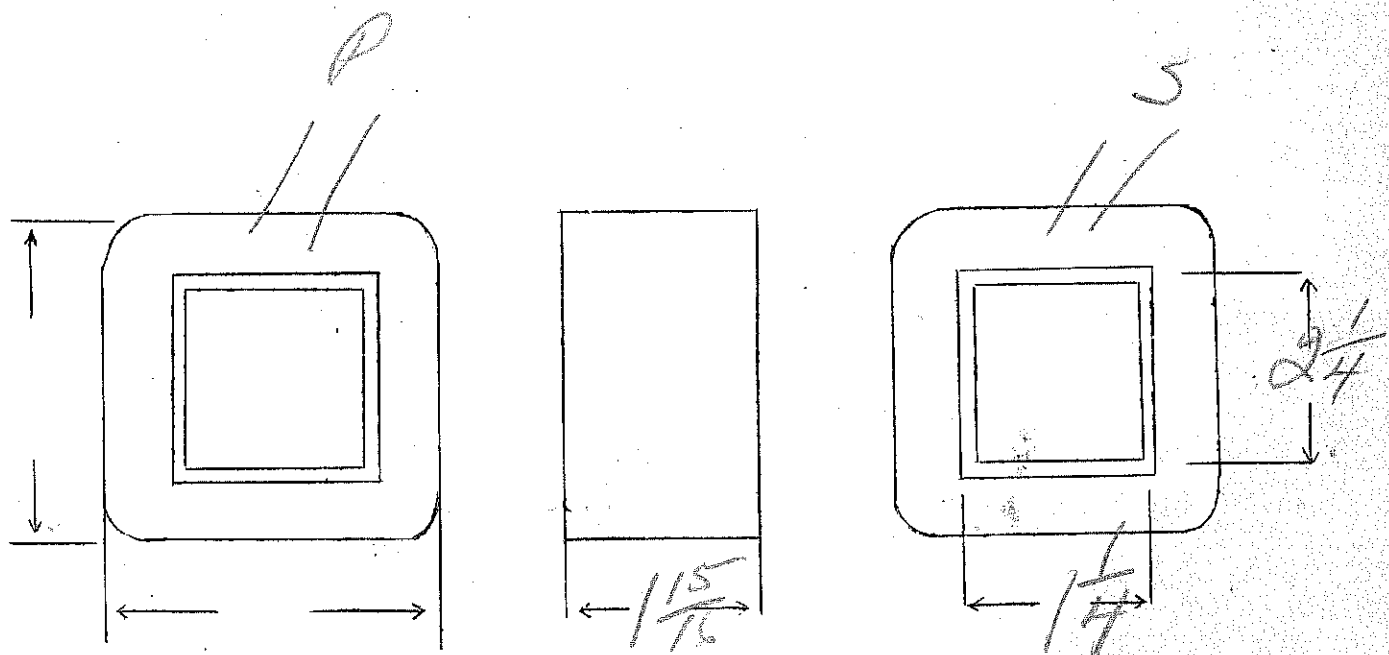
Ep - 115V.
 Es - 8V - 20amps

SPEC. NO. 2649

218

Winding	P.	S.					
Turns	251	19					
Taps	—	—					
Wind. Lgth.	1.75	1.75					
Wire Size	#20	double #12					
T.P.L.	6L	2L					
Kind Term.	WIRE ONLY						
Term. Lgth.	3"	3"					
Layer Insul.	.007						
Test Volt.	1250						
Wrapper	2L0076A	2L0076A					

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1 1/4 x 2 1/4	PRIMARY V.A.	
MOUNTING	B		



DESIGNED BY *Jim*

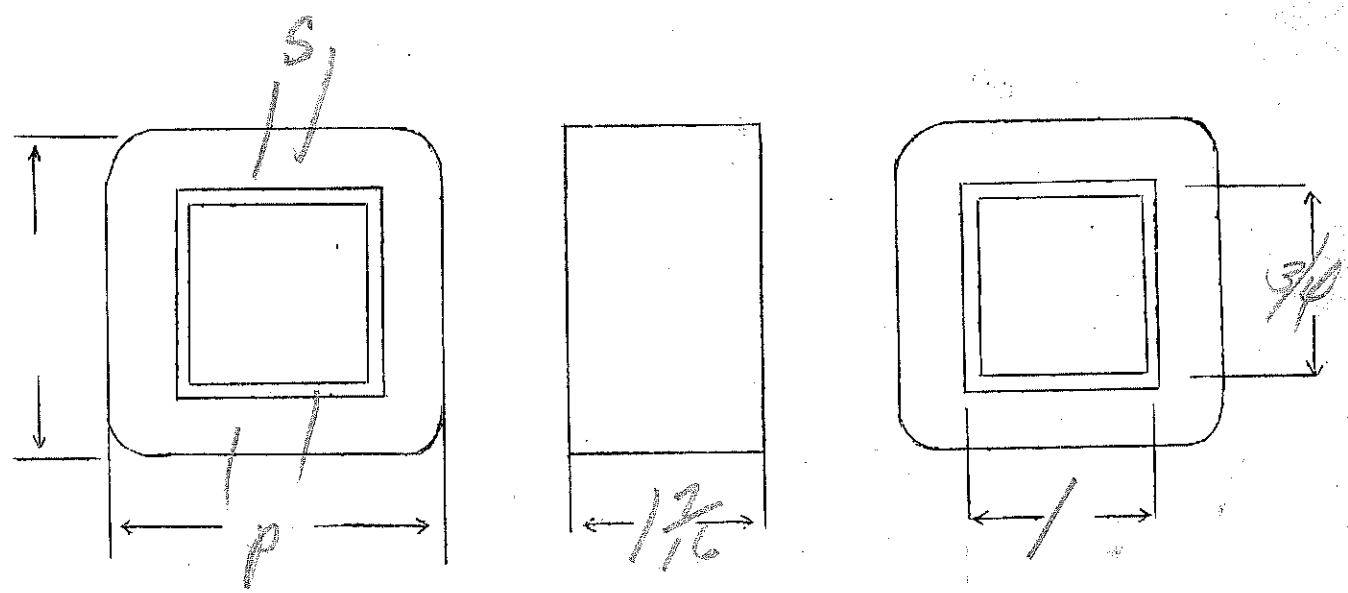
DATE 12-1-36

115 V to 10V - chime - 25 watt

SPEC. NO. 2650

Winding	P	S					
Turns	850	83					
Taps	-	-					
Wind. Lgth.	1.25	1.25					
Wire Size	#28	#20					
T.P.L.	73-12						
Kind Term.	#14 braid - 12"						
Term. Lgth.	3"	3"					
Layer Insul.	304						
Test Volt.	1250	1250					
Wrapper	2L005GA						
TUBE	5L007		IMPREGNATION	VARNISH			
CORE	1 x 3/4		PRIMARY V.A.				
MOUNTING	S						

Case same as 823 chime

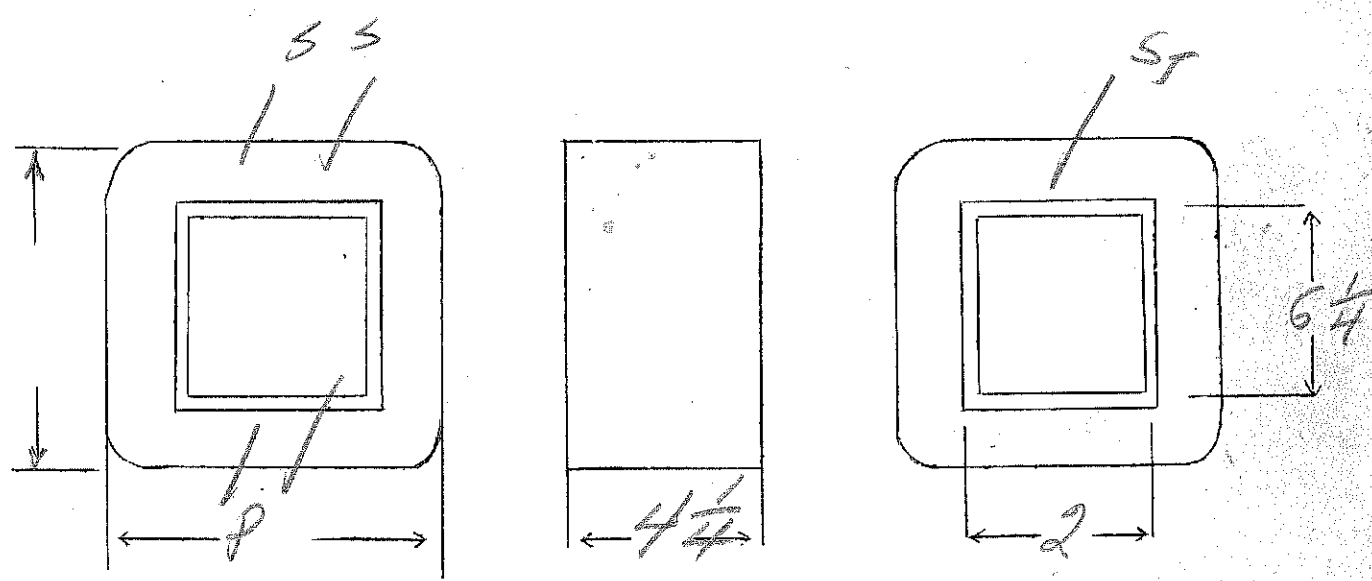


DESIGNED BY SW

DATE 12-1-36

Ep - 220 - 250 - 400
 ES - 3500 V.C.T. - 750Ma (Bridge rectification)
 to deliver 3000V - 750Ma $\frac{W}{E}$.6 SPEC. NO. 2651

Winding	SEC	PR1					
Turns	2250	144					
Taps	1125	138	132				
Wind. Lgth.	3 $\frac{1}{4}$						
Wire Size	#23	#10					
T.P.L.	125-18	5L					
Kind Term.	WIPER ONLY						
Term. Lgth.	6"	6"					
Layer Insul.	double 50#	007 Kraft					
Test Volt.							
Wrapper	4L007VC 2L005GA	3L005GA					
TUBE	10L007#2L007VC		IMPREGNATION	VARNISH			
CORE	2 X 6 $\frac{1}{4}$		PRIMARY V.A.	2500			
MOUNTING	J						

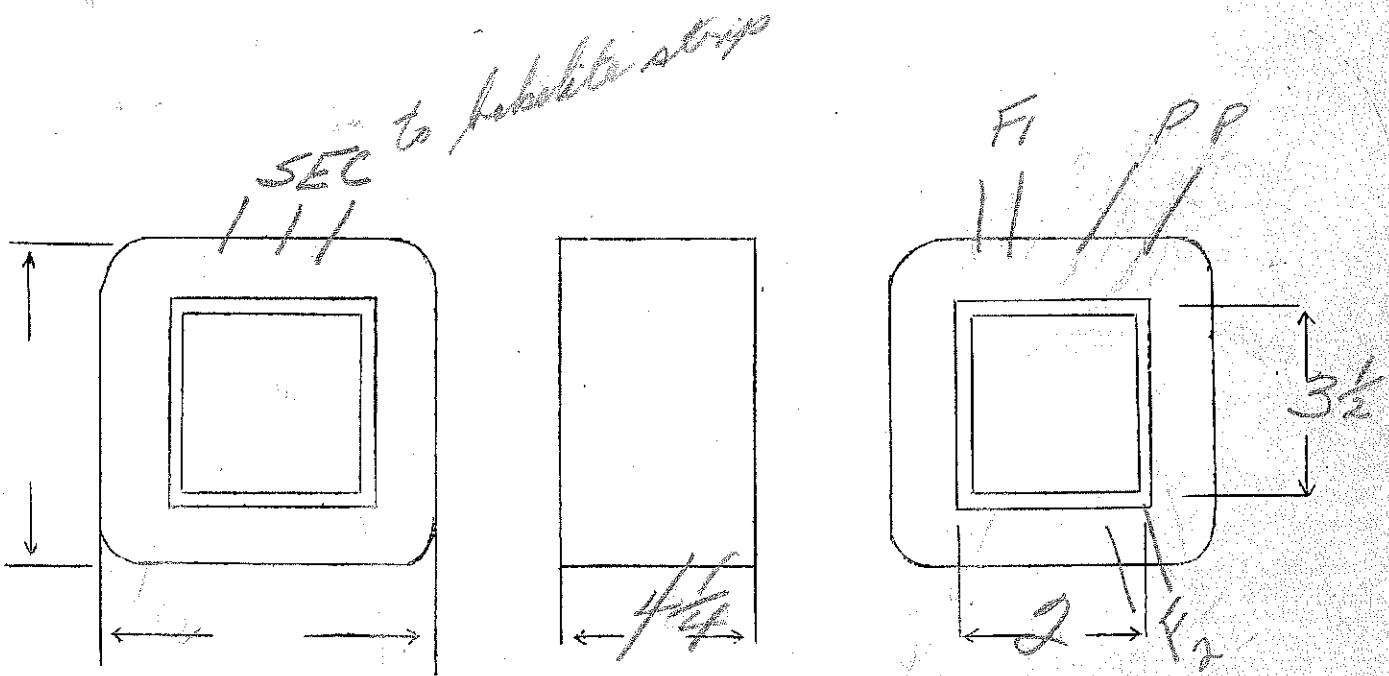


DESIGNED BY *SW*

DATE 12-4-36

Ep - 115V
 Es - 5000V.C.T. - 400MM - Ground a.T. 10000 V Ins
 Ef1 - 5V - 6amps
 Ef2 - 10.5V - 10amp $\frac{N}{E} = .935$ SPEC. NO. 2652

Winding	PRI	SEC	F ₁	F ₂			
Turns	108	5050	5	10			
Taps	—	2525					
Wind. Lgth.	3 3/4	3 1/2					
Wire Size	#10	#26	#14	#12			
T.P.L.	36-3	194-26					
Kind Term.	WIPE ONLY						
Term. Lgth.	3"	3"	3"	3"			
Layer Insul.	.007Kv	double 40#					
Test Volt.	1250	7500	10000	1250			
Wrapper	3L007VC 2L005GA	3L007VC 2L005GA		3L007VC 3L005GA			
TUBE	10L007A		IMPREGNATION		VARNISH		
CORE	2 x 3 1/2		PRIMARY V.A.				
MOUNTING	unpaced						



DESIGNED BY *SW*

DATE 12-10-36

ED-115-125-131-101-168-172

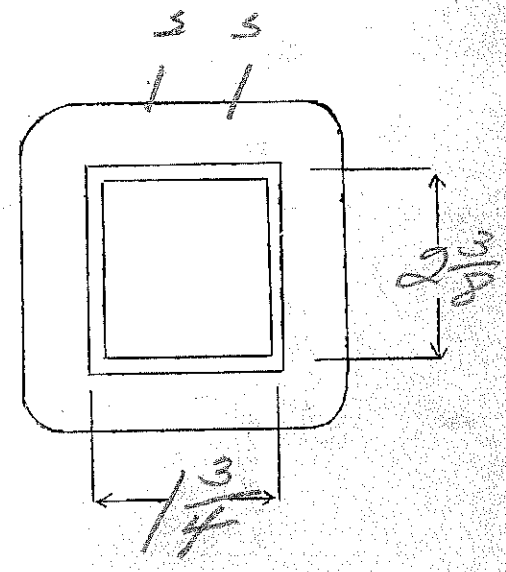
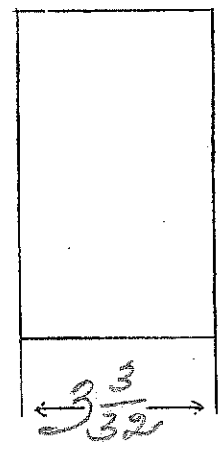
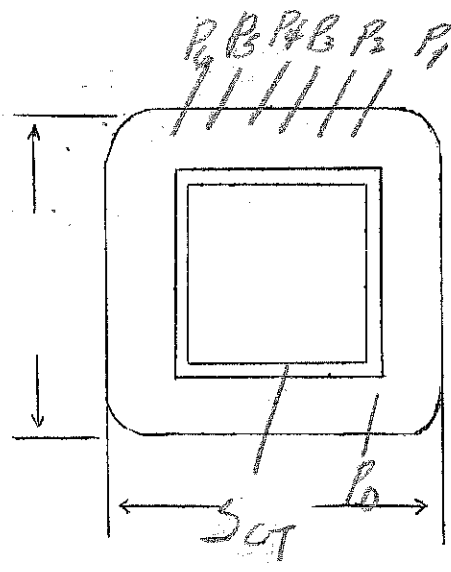
ES-2500V RT-350 MA

146

SPEC. NO.

2653

<i>Continuous</i>							
Winding	SEC	PR1					
Turns	4000	168	53	60			
Taps	2000		32-15	25			
Wind. Lgth.	$2\frac{3}{16}$						
Wire Size	#27	#14	#17	#19			
T.P.L.	154-24	35-5					
Kind Term.	WIRE ONLY						
Term. Lgth.	3"						
Layer Insul.	Double 40#						
Test Volt.	5000	1250					
Wrapper	2L007W 2L005GA				2L005GA 1L010FO		
TUBE	10L007H/1L007W			IMPREGNATION	VARNISH		
CORE	$1\frac{3}{4} \times 2\frac{3}{8}$			PRIMARY V.A.			
MOUNTING	C. aluminum frame						



DESIGNED BY *Gilmer*

DATE 12/11/36

Ep-110-115-120-125-20
 Es-10VCT-8amps
 Es-2.5V-10amps

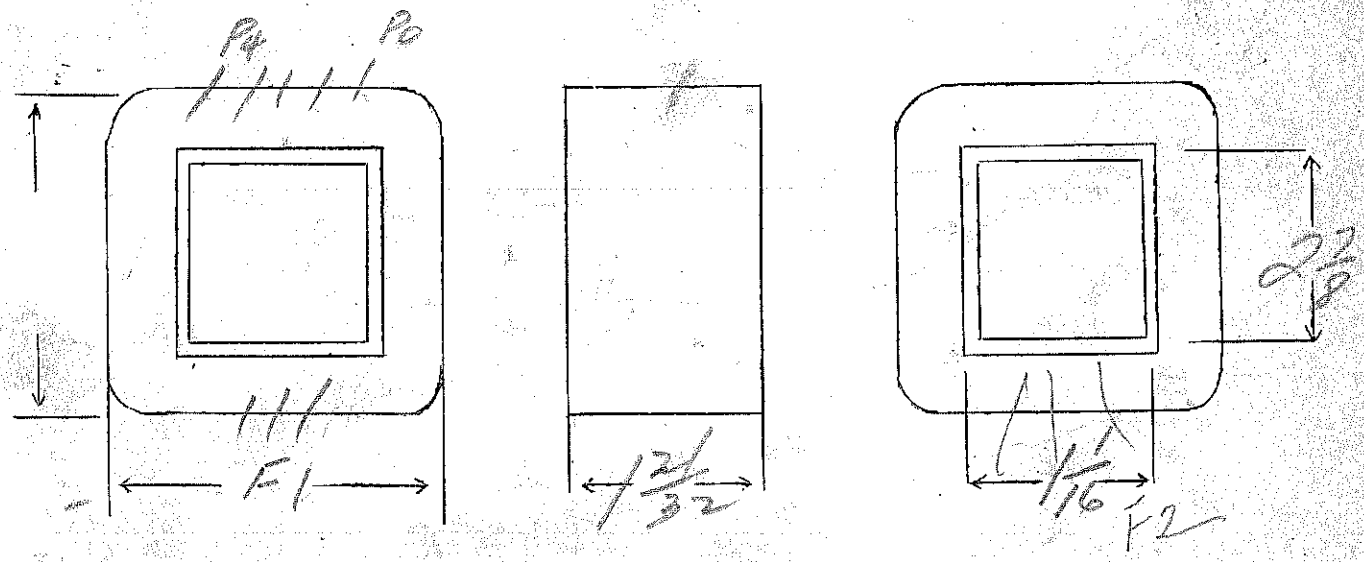
SPEC. NO. 2654-25

Winding	PRI	F ₁	F ₂			
Turns	410-393 377-360	36	9			
Taps		18				
Wind. Lgth.	1/15 3/22					
Wire Size	#22	#13	double #16			
T.P.L.	50					
Kind Term.	WIPE ONLY					
Term. Lgth.	3"	3"	3"			
Layer Insul.	50#					
Test Volt.	1250	1250	5000			
Wrapper	2005GA	2005GA	2005GA			

TUBE 7607 IMPREGNATION VARNIS H
 CORE 1/16 x 2 1/8 PRIMARY V.A.

MOUNTING BB - special brackets - see 1390-6 classis drawing

M-W - Left
 S-W - Right



DESIGNED BY G.W.

DATE 7/2/37

OW

Ep - 110-115-120-125 V.
 Es1 - 10 V. - C.T. - 8 Amp.
 Es2 - 2.5 V. - 10 Amp.

3.23

SPEC. NO. 2654

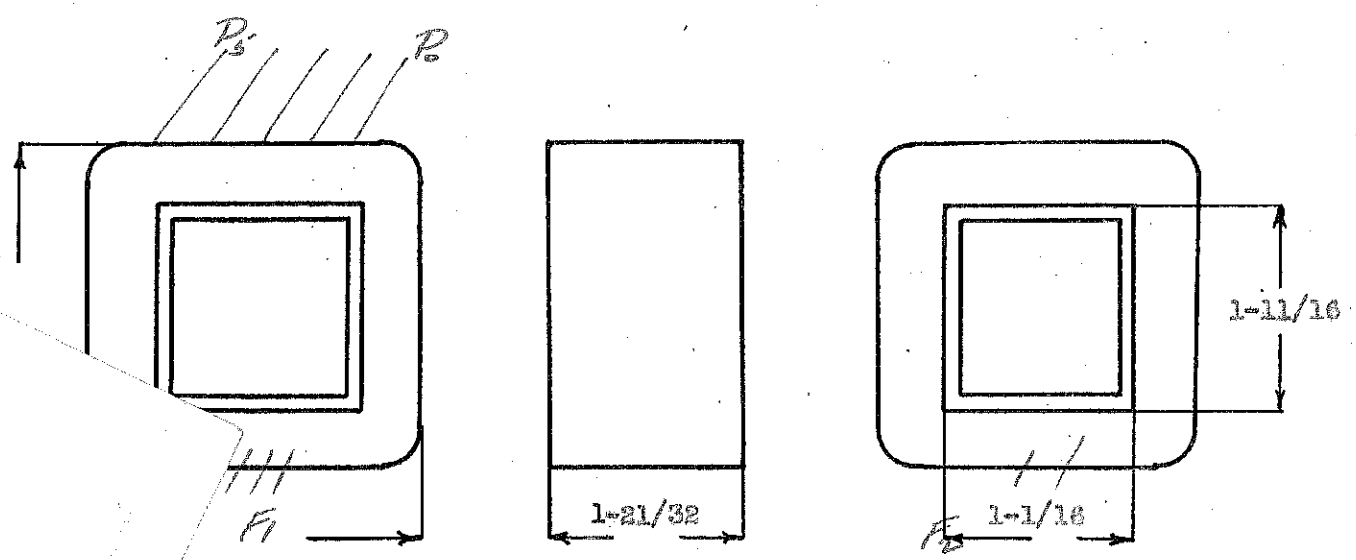
Winding	PRI	F ₁	F ₂				
Turns	418 400	36	9				
Taps	384 367	18					
Wind. Lgth.	1-15/32						
Wire Size	#22	#13	Double #16				
T. P. L.	52						
Finish							
Type Lead	W.O.	W.O.	W.O.				
Lead Lgth.	3"	3"	3"				
Layer Insul.	50#						
Test Volt.	1250	1250	5000				
Wrapper	2L.005GA	2L.007VC 2L.005GA	2L.007VC 2L.005GA				
TUBE	7L.007		IMPREGNATION		VARNISH		

CORE GA. GRADE STACK

MOUNTING BB - Special Brackets - See 1590-6 Chassis

Multiple Winders - Left Side
 Single Winder - Right Side

Multiple wind Primary to first tap.
 Single wind Rest



GW

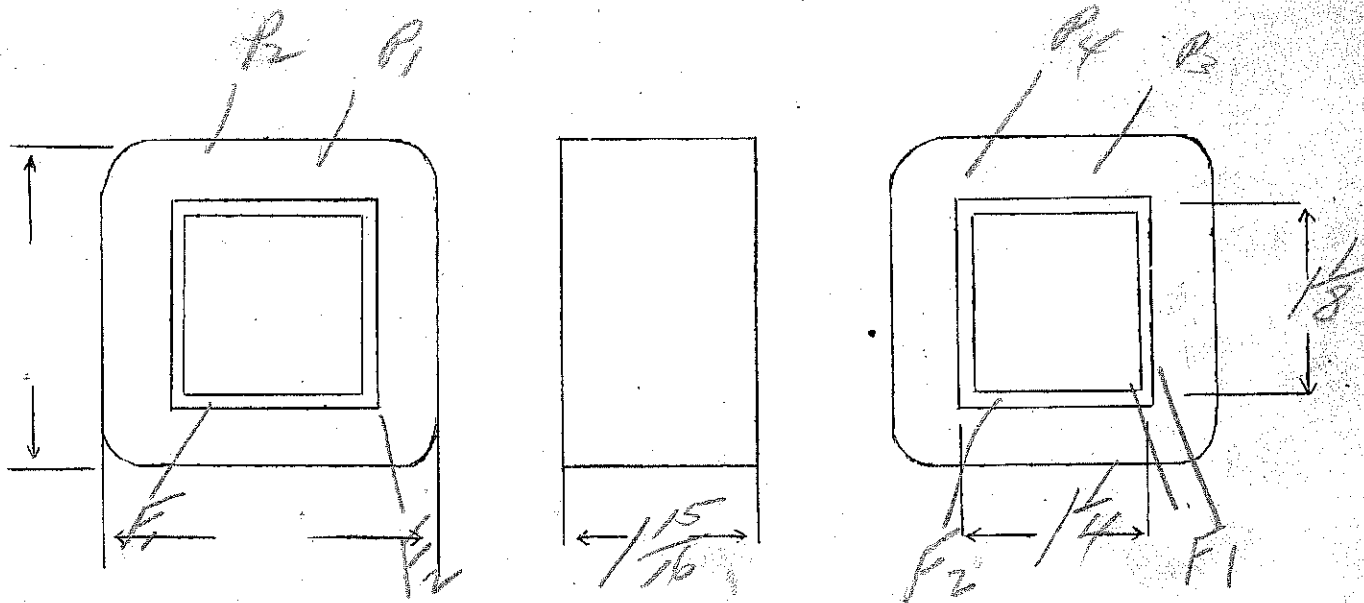
DATE 4/18/38

EP - 110 - 113 - 110
 EF₁ - 5.25V - 12 amps
 EF₂ - 2.5V - 10 amps

④ SPEC. NO. 2655

Winding	PR1	F ₁	F ₂				
Turns	480	23	11				
Taps	460 440	12	—				
Wind. Lgth.	1.75						
Wire Size	#21	double 15	#12				
T.P.L.	53			tap one only			
Kind Term.	WIRE ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	50#						
Test Volt.			5000				
Wrapper	210076A	210076A	210076A				

TUBE		IMPREGNATION	
CORE	1 1/4 x 1 1/2	PRIMARY V.A.	
MOUNTING	BB		



DESIGNED BY *JW*

DATE 12-12-36

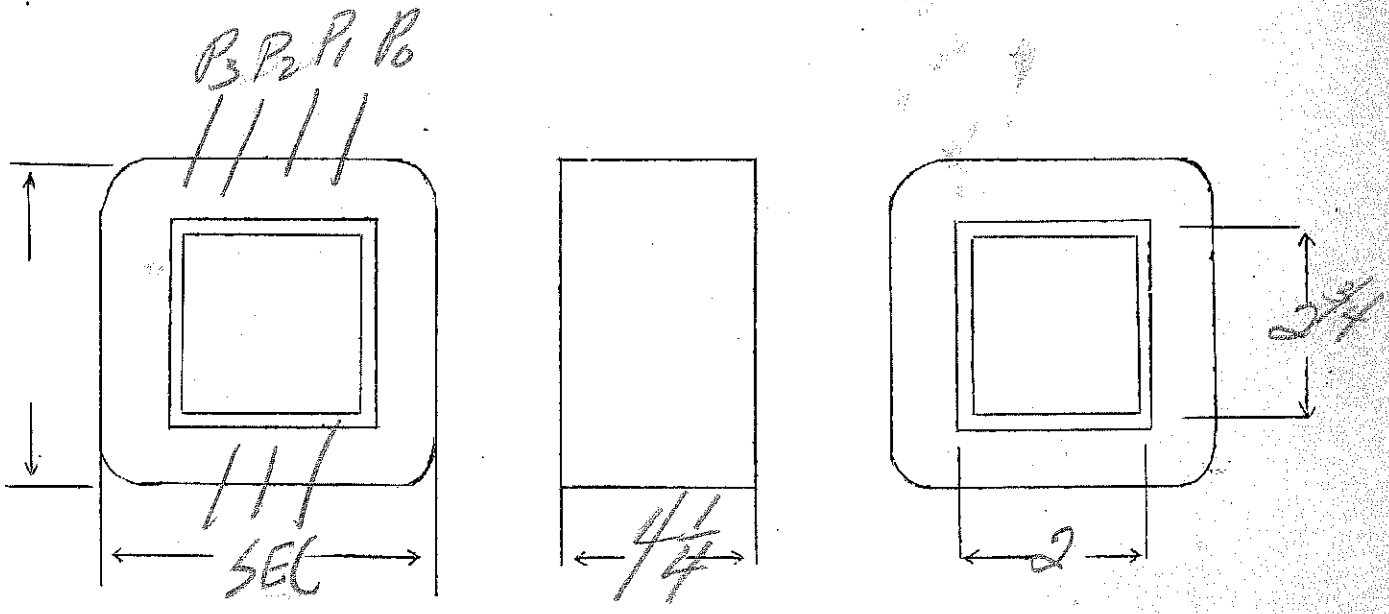
over

Ep- 115 - 132 - 153

E_s - 4000 VCT - 400 MA

115 SPEC. NO. 2656

Winding	SEC	PRI				
Turns	5100	132	40			
Taps	2550		20			
Wind. Lgth.	3 1/2	3 1/2				
Wire Size	#26	#11	#12			
T.P.L.	195-28	34-4		Start #12 on end of last layer of #11		
Kind Term.	WIRE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	double 40#	007				
Test Volt.	7500	1250				
Wrapper	3600 VCT					
	3600 VCT					
TUBE	102007 + 21007 VCT		IMPREGNATION			
CORE	2 x 2 3/4		PRIMARY V.A.			
MOUNTING	unusual					



DESIGNED BY [Signature]

DATE 12-12-36

Refrigerator Step-Down
220 - 100V, 50 Cycles, 3 Amp.

SPEC. NO. 2657-T

Winding		Audio Transformer				
Turns		500				
Taps		234 -- 6th Layer, even				
Wind. Lgth.		1-5/8" - 1.625"				
Wire Size		#19				
T. P. L.		39-13 L				
Finish		90%				
Type Lead		W.O,				
Lead Lgth.		3"				
Layer Insul.		2 Layer - 50# G				
Test Volt.		1500				
Wrapper		2 L .005 GA				

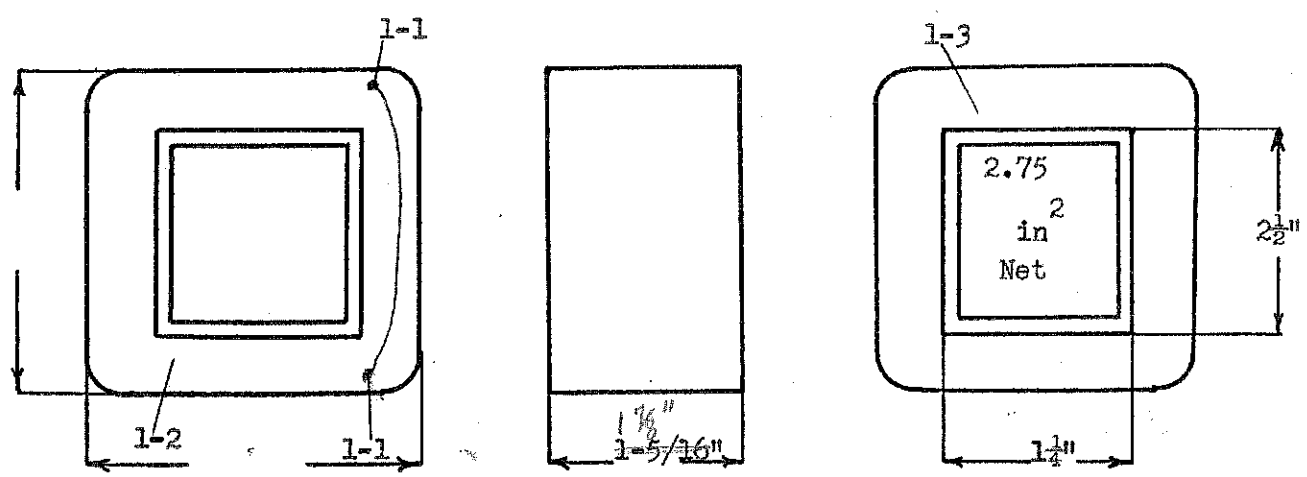
TUBE	7L - .007 GK	IMPREGNATION	Double Varnish
------	--------------	--------------	----------------

CORE 1 1/4 x 2 1/2" E & I	GA. 24	GRADE D	STACK 2 x 2
---------------------------	--------	---------	-------------

MOUNTING "T"

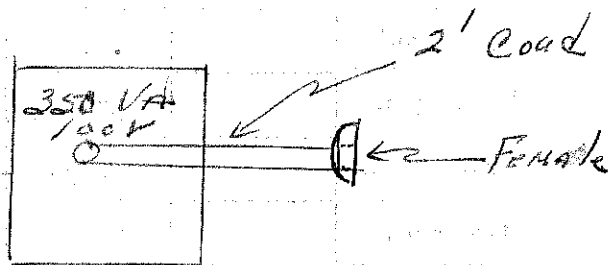
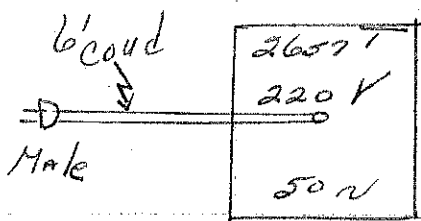
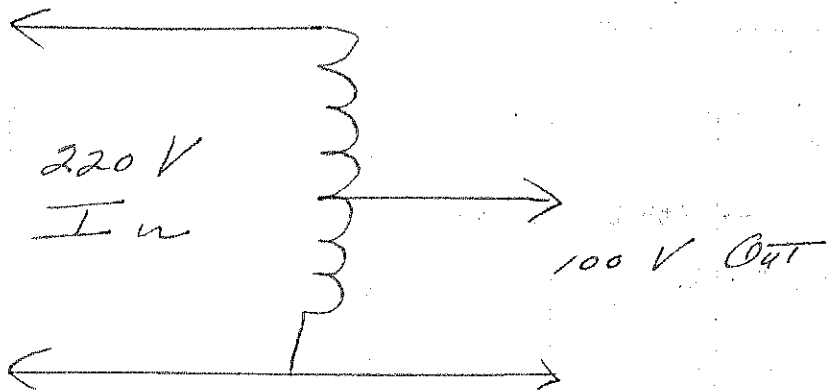
CU = 430
FE = 72.3 @ 50 Cy
TPV = 2.27
Wire Net = 0.595" (0.550)

Sec. VA = 360
Pri. VA



DESIGNED BY *Hew*

DATE Original 11-18-41
Re-Typed 11-13-45



Ep-115

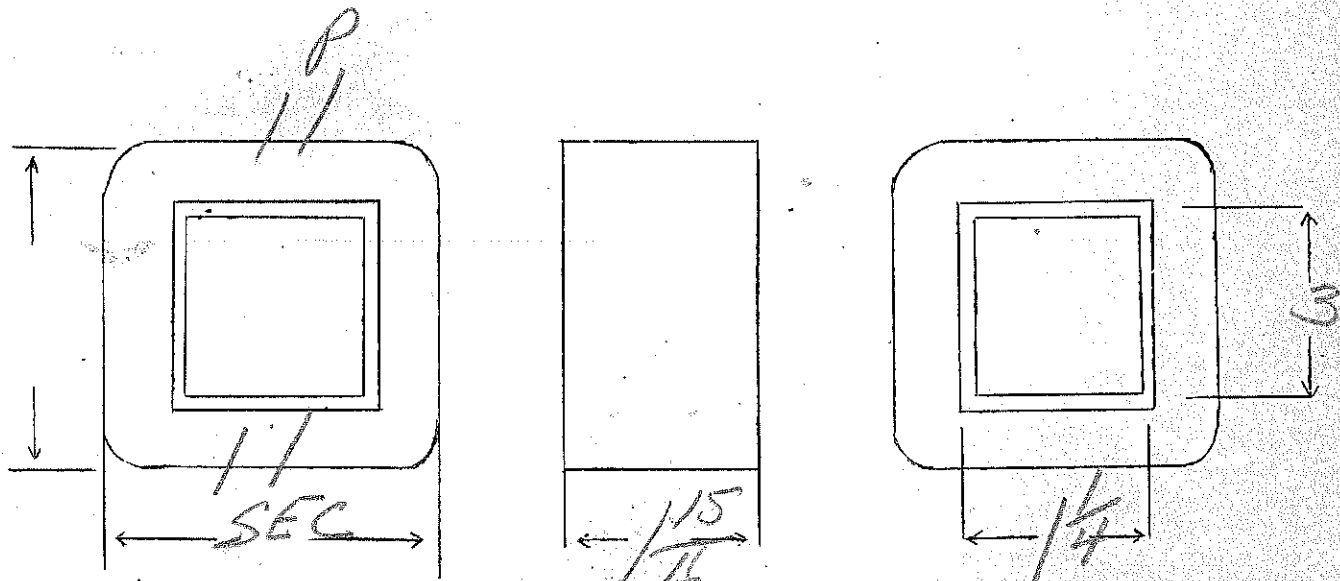
E5-10V-20amps-5000 V Ins.

1.75

SPEC. NO.

2658

Winding	PRI	SEC				
Turns	202	19				
Taps	—	—				
Wind. Lgth.	1.75	1.50				
Wire Size	#18	double #12				
T.P.L.	37-6	3L				
Kind Term.	WIPE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	0.07					
Test Volt.	1250	5000				
Wrapper	22007VG 22007GR	22007VG 22007GA				
TUBE	9L007		IMPREGNATION	VARNISH		
CORE	1/4 x 3		PRIMARY V.A.			
MOUNTING	F					



DESIGNED BY

gmr

DATE

12-14-36

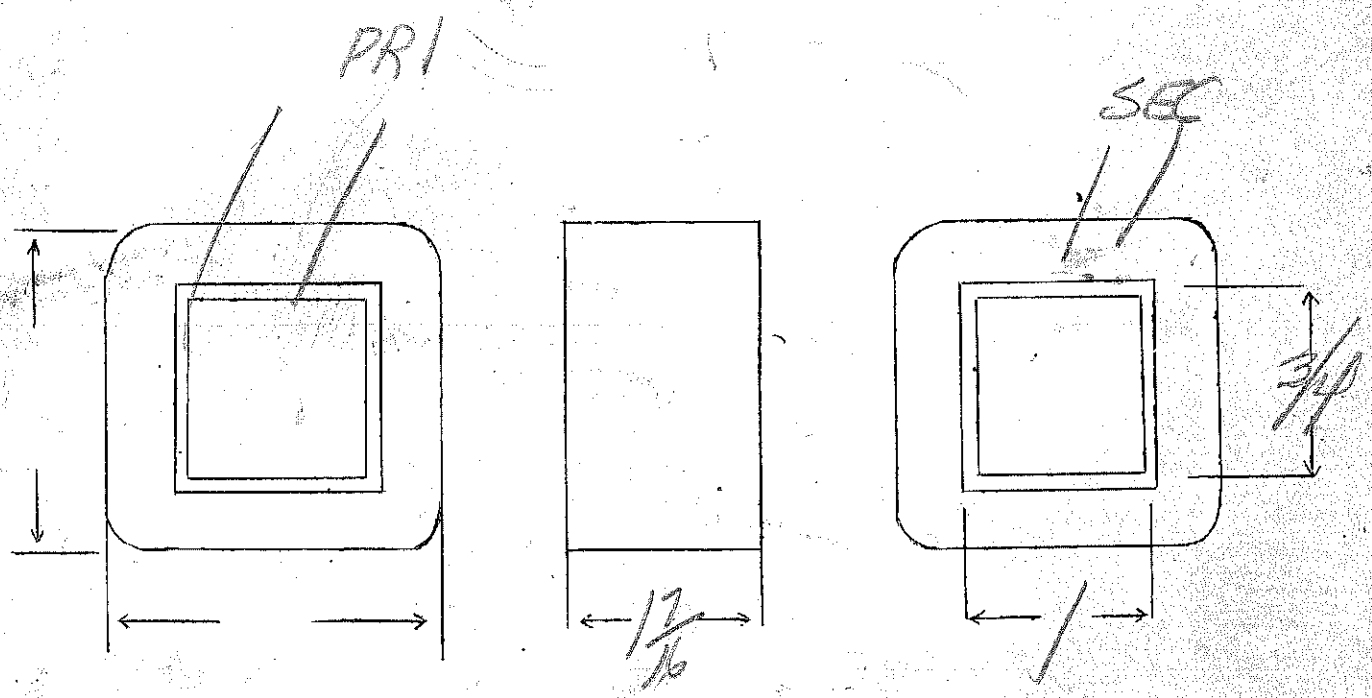
Ep - 115 V
 ES - 5V, 3 amp

74

SPEC. NO. 2659

Winding	PRI	SEC				
Turns	850	43				
Taps						
Wind. Lgth.	1.25	1.25				
Wire Size	#28	#18				
T.P.L.						
Kind Term.	#20 PBR	WIPE ONLY				
Term. Lgth.	9	9				
Layer Insul.	40#					
Test Volt.	250	2500				
Wrapper	31005A	31005 GA				

TUBE 74007 IMPREGNATION VARNISH
 CORE 1x3/4 NW PRIMARY V.A.
 MOUNTING A



DESIGNED BY *gwr*

DATE 12-15-36

Ep-115

EF₁ - 5V, 3A

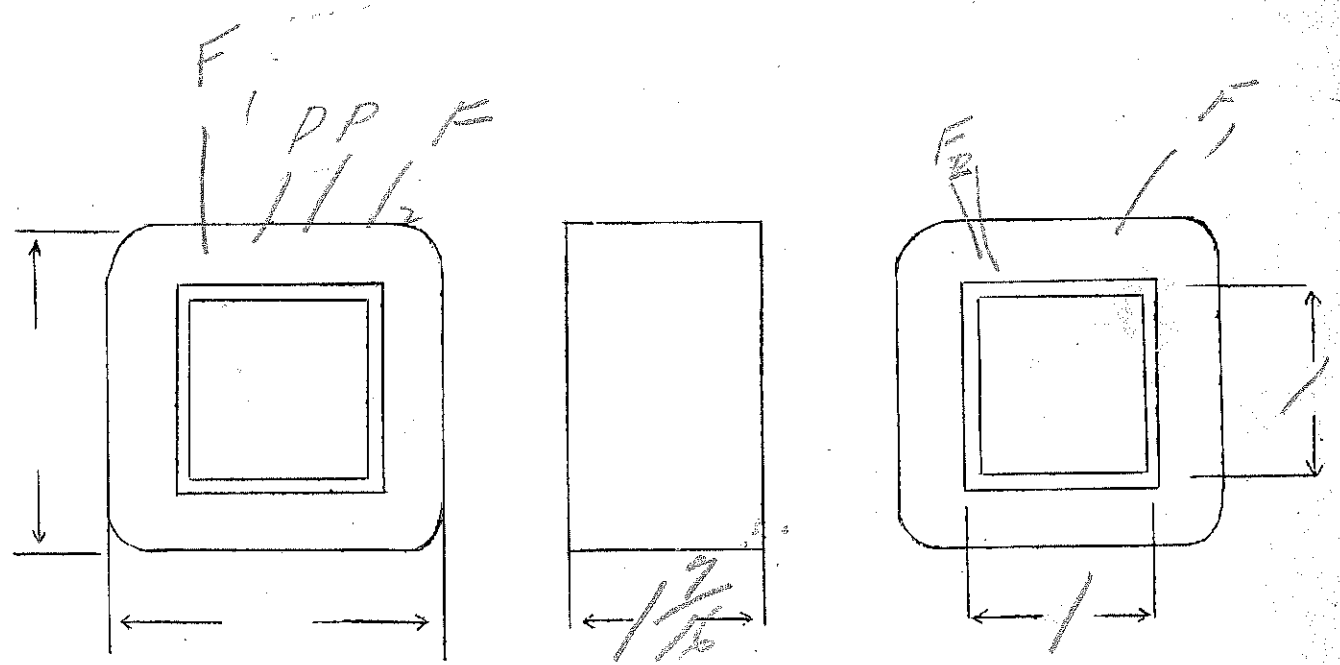
5.65

EF₂ - 6.3V - 4 AMPS CT.

SPEC. NO. 2660

Winding	PRI	F ₁	F ₂				
Turns	650	32	40				
Taps	—	—	20				
Wind. Lgth.	1.25	1.25	1.25				
Wire Size	#26	#18	#16				
T.P.L.	66-D	1L	2L				
Kind Term.	#26	WIRE	ONLY				
Term. Lgth.	9"	9"	9"				
Layer Insul.	40#	—	—				
Test Volt.	1250	2500	1250				
Wrapper	2005GA	2005BA	2005BA				

TUBE	7007	IMPREGNATION	VARNISH
CORE	1 x 1	PRIMARY V.A.	
MOUNTING	A		



DESIGNED BY *Ger*

DATE *12-16-36*

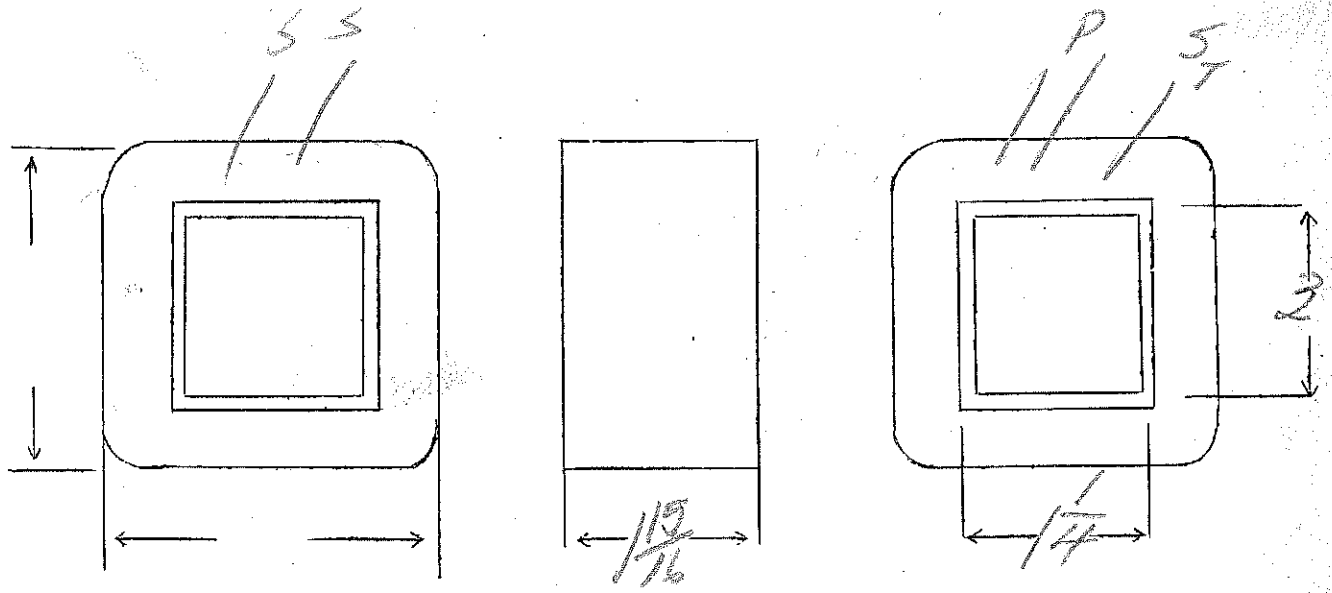
Ep-115V
Es - 1000V CT - 350MA

171

SPEC. NO.

3661

Winding	SEC	SHIELD	PRI				
Turns	1880		197				
Taps	990						
Wind. Lgth.	1.75	1.75	1.75				
Wire Size	#27	#27	#19				
T.P.L.	105-18		5L				
Kind Term.	#20 over	w.o.	WIPE ONLY				
Term. Lgth.	9" double	3"	9"				
Layer Insul.	30#		007KV				
Test Volt.	2500		1250				
Wrapper	2L007VC	2L007CA	2L007CA				
TUBE	9L007	IMPREGNATION		VARNISH			
CORE	1 1/4 x 3	PRIMARY V.A.					
MOUNTING	A						



DESIGNED BY

[Signature]

DATE

12-17-36

Ep-110-120
 Es-3000V-250 ma
 Ef-5.2V-13amp CT

106

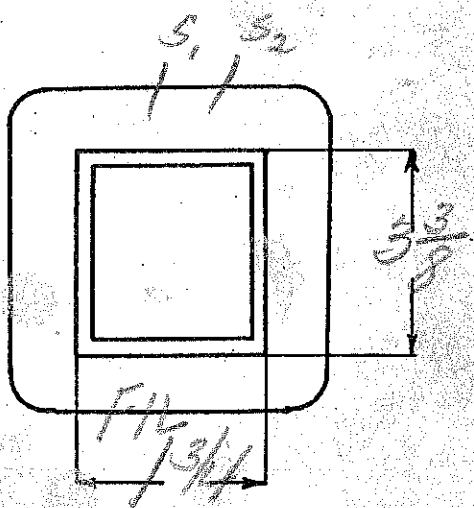
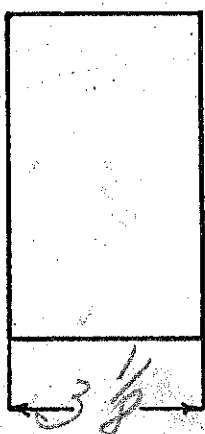
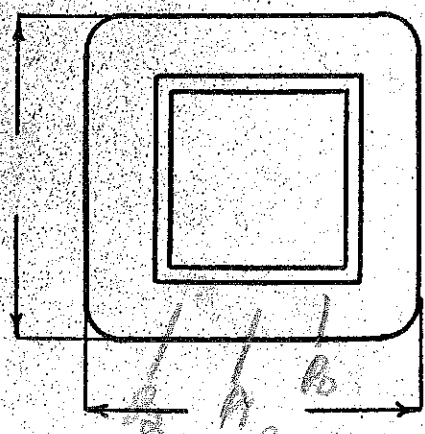
SPEC. NO. 2662

Winding	SEC	PR1	FIL			
Turns	3460	128	6			
Taps		118	3 - ungrounded			
Wind. Lgth.	2 1/2					
Wire Size	#27	#12	double #14			
T. P. L.	145-24					
Finish	WIPE ON					
Type Lead	3"	3"	3"	start sec lead in coil		
Lead Lgth.						
Layer Insul.	double 40A		.007K			
Test Volt.	7500					
Wrapper	31007VC 310058A	310058A	210030A 100105A			

TUBE 104007+14007V @ IMPREGNATION VARNISH

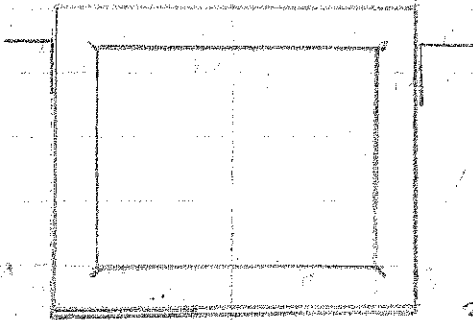
CORE GA. 24 GRADE Dynamic STACK 2x2

MOUNTING uncast - vertical sheet metal brackets with special brackets spotted on upper spec. on reverse side of sheet - brackets cadmium plated. Sec to baffle strip.

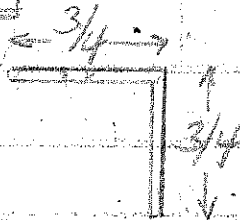


DESIGNED BY *SW*

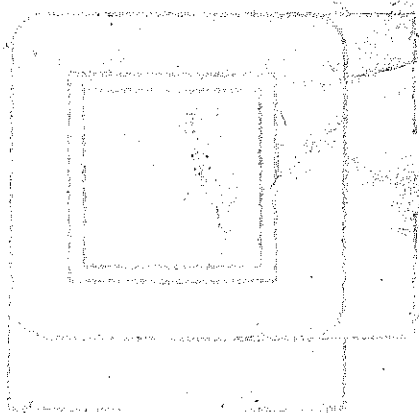
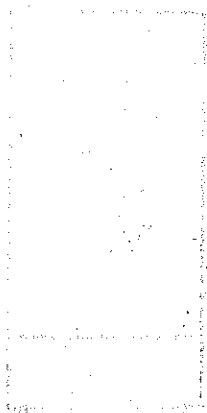
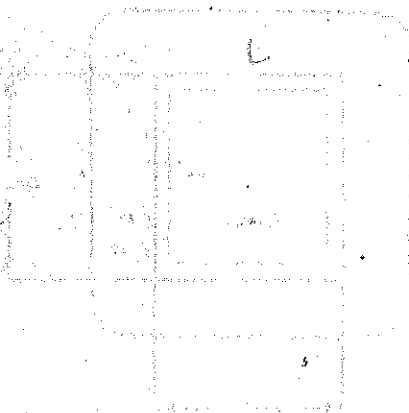
DATE 11/12/37



space 16 sq. inches
 3/4" down from top of
 1 3/4" vertical border



top
 clearance for
 1/2"



Ep - 105-115-125
 Es - 2500V - 400 MA

Ef - 5.2V - C.T. - 20 amps 1.23 SPEC. NO. 2663

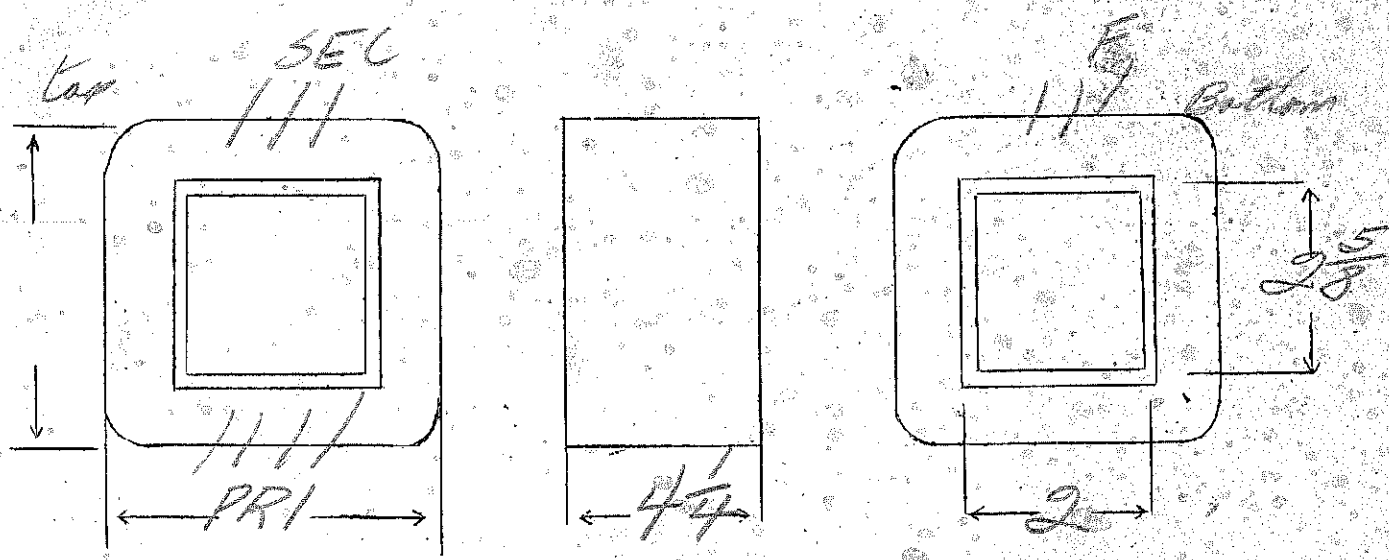
Winding	SEC	PRI	FL				
Turns	3400	154	7				
Taps		141 130	3	- 5L Br CT			
Wind. Lgth.	35/8	-	-				
Wire Size	#25	#11	#10 SRE				
T.P.L.	192-18	35-5	-				
Kind Term.	WIRES ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	30#	1007M					
Test Volt.	7500						
Wrapper	2L005GA 3L007VC 1L005EA	2L005GA	2L005EA 1L010PR				

TUBE 9007+2L007VC IMPREGNATION VARNISH

CORE 2x2 5/8 PRIMARY V.A.

MOUNTING uncast - channel iron frame legs

all to legs



SIGNED BY *SW*

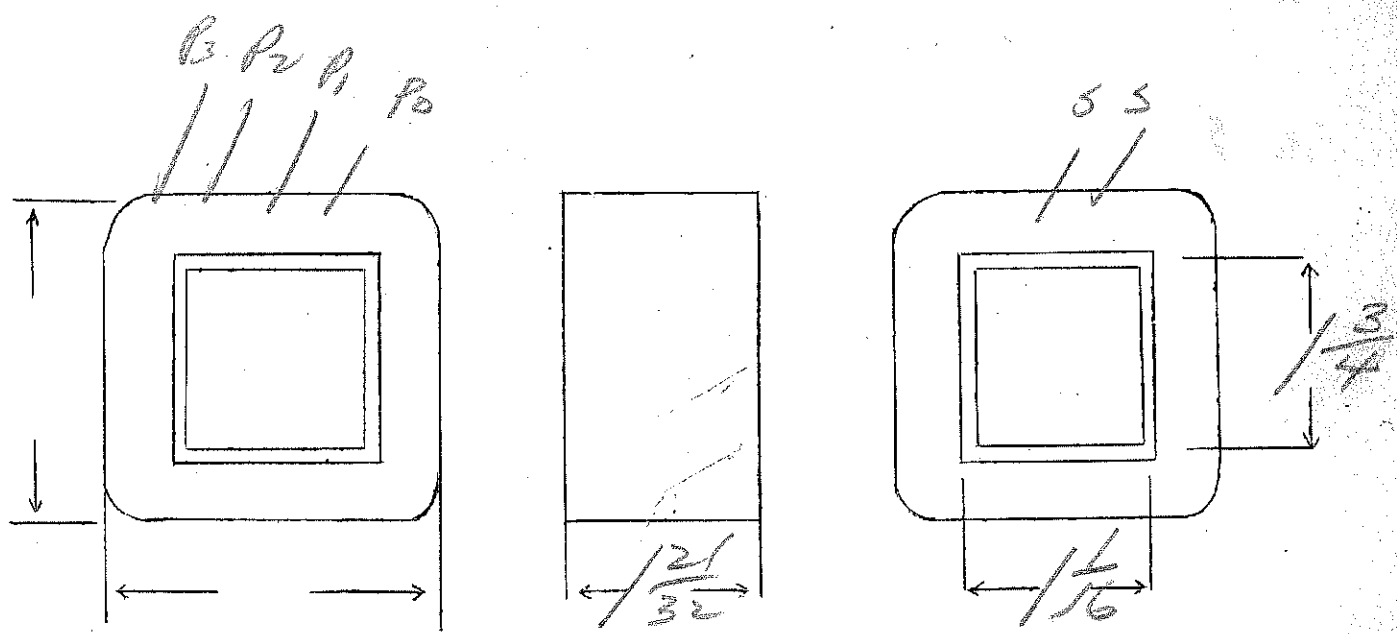
DATE 12-17

Ep-115-170-125
 Es-175V-100watt

305

SPEC. NO. 2664

Winding	SEC	SHIELD	PRI				
Turns	590	59	380				
Taps	—		266 350				
Wind. Lgth.	1 15/32	1 15/32	1 15/32				
Wire Size	#24	#24	#22				
T.P.L.	50-10		50-9				
Kind Term.	WIRE ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	50	—					
Test Volt.	1250						
Wrapper	1007VC	1007VC	2005GA				
TUBE	72007			IMPREGNATION	VARNISH		
CORE	1 1/16 x 1 3/4			PRIMARY V.A.			
MOUNTING	B						



SIGNED BY *J. Weaver* DATE 12-17-36

Ep - 118V

POWER TRANSFORMER

SCHIRESON BROS.

E_s - 750 VCT - 150Ma

E_{F1} - 5V - 3amp CT.

E_{F2} - 6.3V - 3amp CT.

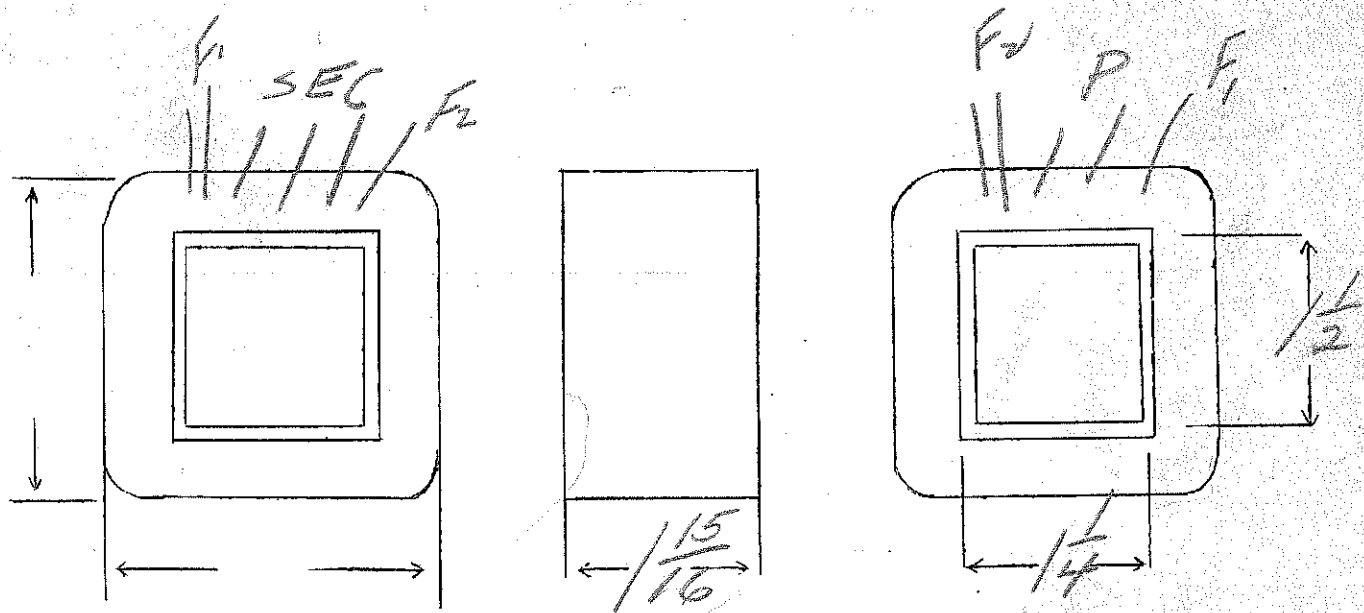
32

SPEC. NO.

2665

Winding	SEC	SHIELD	PRI	F ₂	F ₁		
Turns	2600	164	378	22	18		
Taps	1300			11	9		
Wind. Lgth.	1.75	1.75	1.75	White Yellow CT			
Wire Size	#31	#31	#21	#17	#17		
T.P.L.	164-16		54-7				
Kind Term.	#20 P Brand	W.O.	#20 P Brand	#20 Per Br	WIRE ONLY		
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.	2500		1250	1250	2500		
Wrapper	1L007VC	1L007VC	2L007GA	2L007GA	2L007GA		

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1 1/4 x 1 1/2	PRIMARY V.A.	
MOUNTING	A		



DESIGNED BY *BWW*

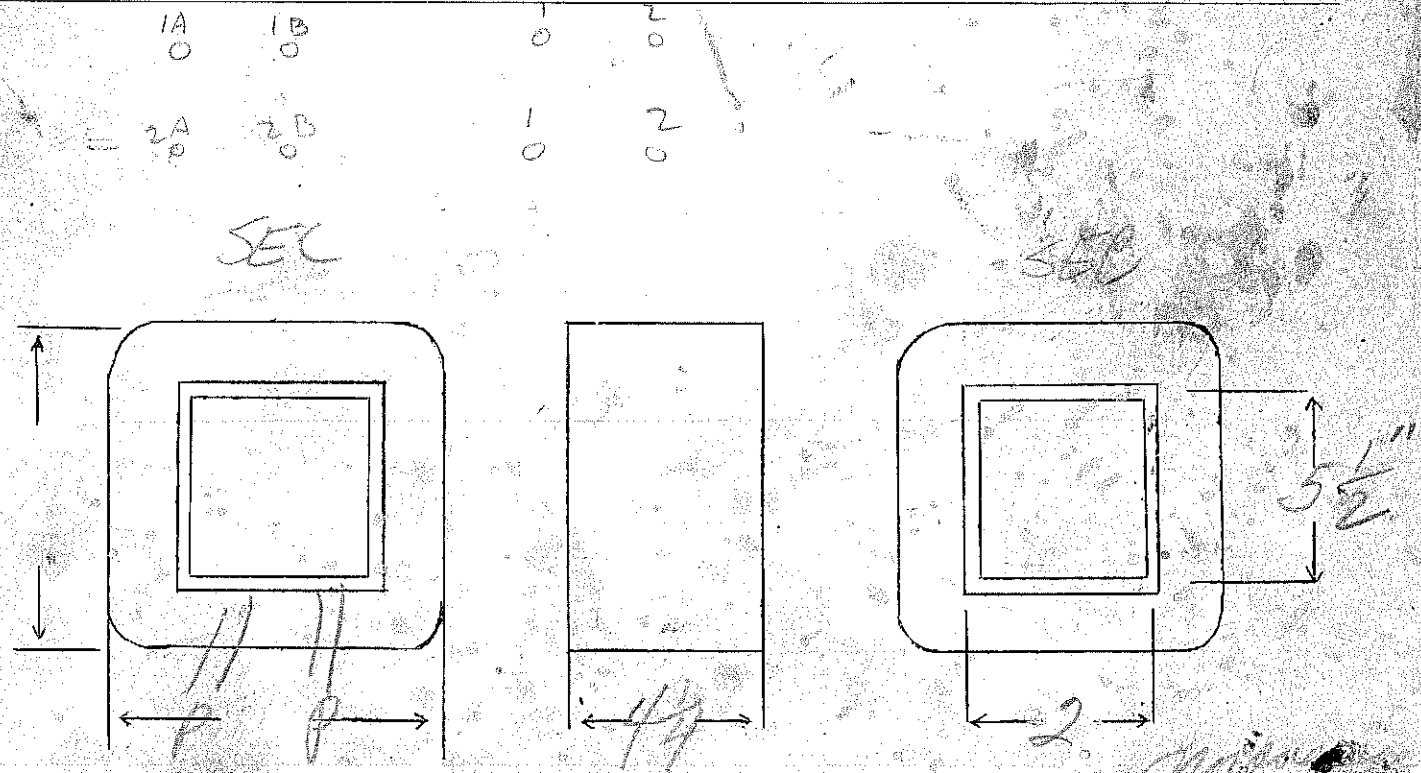
DATE 12/21/36

Ep - 11500 230V
 Es - 8000VCT - 3500VCT - 400 MA
 $\frac{N}{E} = .7$

SPEC. NO. 2666

Winding	PRI	PRI	SEC			
Turns	74	74	5400			
Taps			3890			
			2700	1510		
Wind. Lgth.	3 $\frac{7}{8}$	3 $\frac{7}{8}$	3 $\frac{1}{2}$	use mica for side		
Wire Size	#12	#12	#26			
T.P.L.	42-2	42-2	188-30			
Kind Term.	WIPE ONLY					
Term. Lgth.	6"	6"	6"			
Layer Insul.	.007 Kraft		double 40%			
Test Volt.			10,000			
Wrapper	210056A	40056A	564071C			

TUBE 102007 IMPREGNATION YARNISH
 CORE 2 x 5 $\frac{1}{8}$ PRIMARY V.A.
 MOUNTING G



DESIGNED BY *[Signature]*

DATE 12/23/36

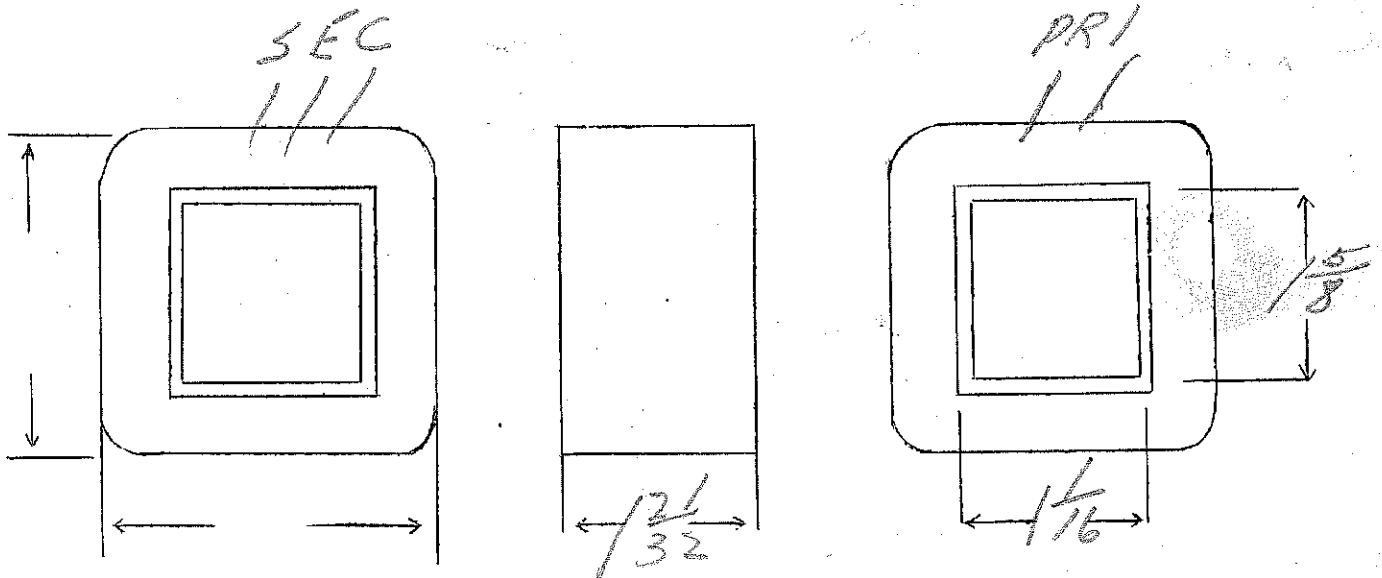
Ep - 115
 Es - 700 VCT. - 100MA
 Ef1 - 5V - 3amps

Ef2 - 25V - 8amps
 Ef3 - 25V - 3amps CT.

SPEC. NO.

2667

Winding	SEC	SHIELD	PRI	FIL ₁	FIL ₂	FIL ₃
Turns	2550	170	380	18	9	9
Taps	1275	-	-	-	-	5
Wind. Lgth.	$1\frac{15}{32}$	$1\frac{15}{32}$	$1\frac{15}{32}$	✓	✓	✓
Wire Size	#33		#22	#18	#16	#17
T.P.L.	170-16		48-8			
Kind Term.	#70		#70 braid	WIRE	ONLY	
Term. Lgth.	9"	3"	9"	9"	9"	9"
Layer Insul.	double 16#	-	50#	-	-	-
Test Volt.						
Wrapper	1L007VC	1L007VC	2L005GA	2L005GA		2L005GA
TUBE	7L007	IMPREGNATION			VARNISH	
CORE	$1\frac{1}{16} \times 1\frac{5}{8}$	PRIMARY V.A.				
MOUNTING	A					



DESIGNED BY

SLW

DATE

12/28/36

auto transformer
 EP - 95-100-105-110-115-120-125-130

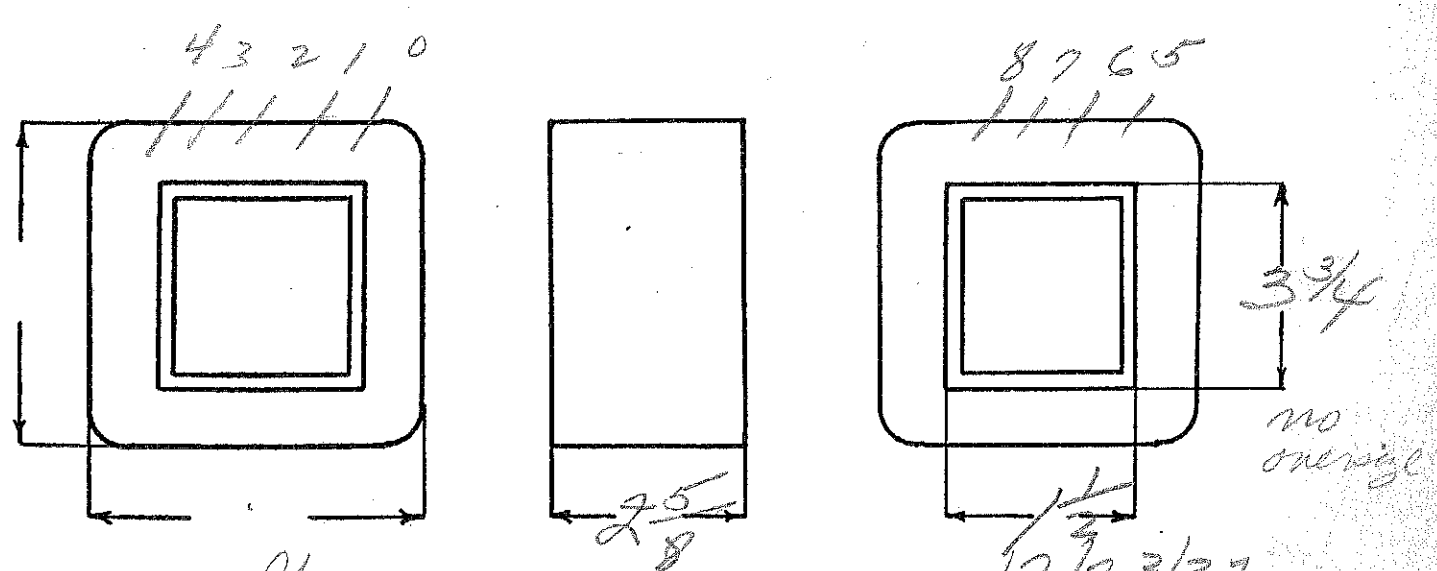
SPEC. NO. 2668-25A

Winding	<i>continuous</i>					
Turns	190	73				
Taps		64-54-46-34-22-10				
Wind. Lgth.	2 3/8					
Wire Size	#18	#11				
T. P. L.						
Finish						
Type Lead	WIRE ONLY					
Lead Lgth.	3"	3"				
Layer Insul.	007K					
Test Volt.						
Wrapper		3100 SGA				

TUBE 106007 IMPREGNATION VARNISH

CORE GA. GRADE STACK

MOUNTING C - Aluminum shell
 Cores in metal channels
 Fisher



DESIGNED BY *gwo*

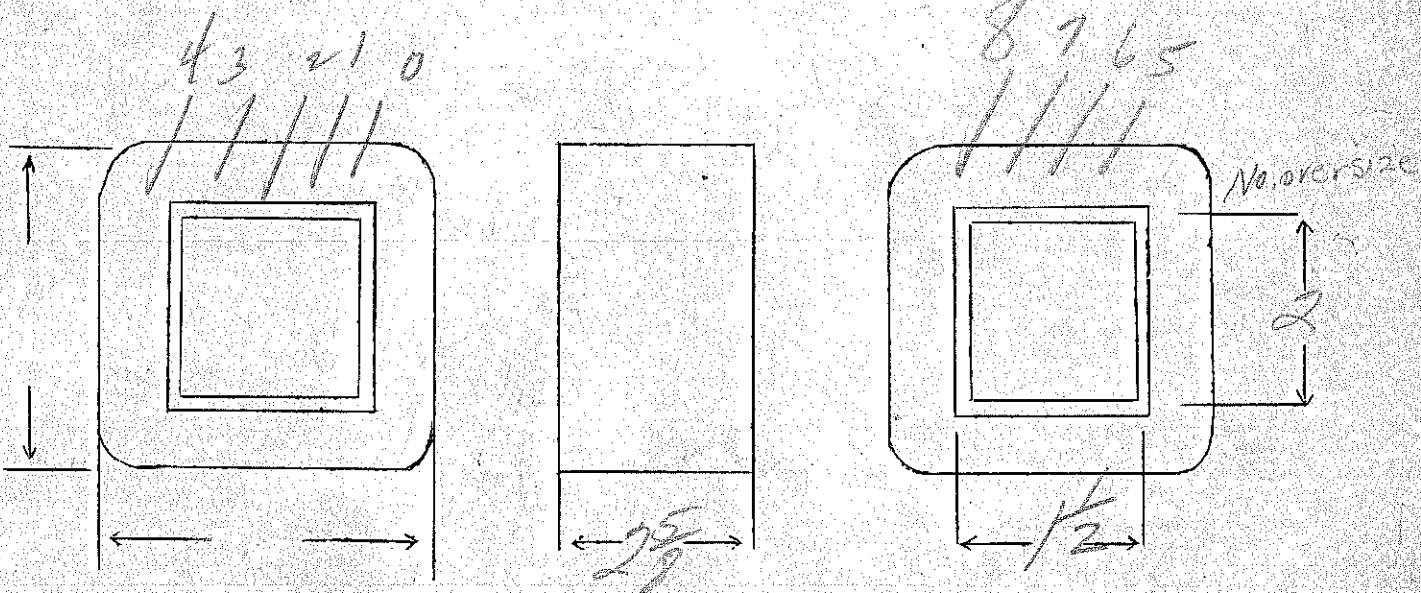
DATE 12/23/37

110-115-120-125-130

Continuous 2.05 SPEC. NO. 2668

Winding						
Turns	191	72				
Taps		63-55-45-34-20-10				
Wind. Lgth.	1.75	1.75				
Wire Size	#18	#11				
T.P.L.						
Kind Term.	WIRE ONLY					
Term. Lgth.	6"	6"				
Layer Insul.	.007 Kraft					
Test Volt.						
Wrapper	260050A					

TUBE	96007	IMPREGNATION	VARNISH
CORE	1 1/2 x 2	PRIMARY V.A.	
MOUNTING	C - Cadmium		



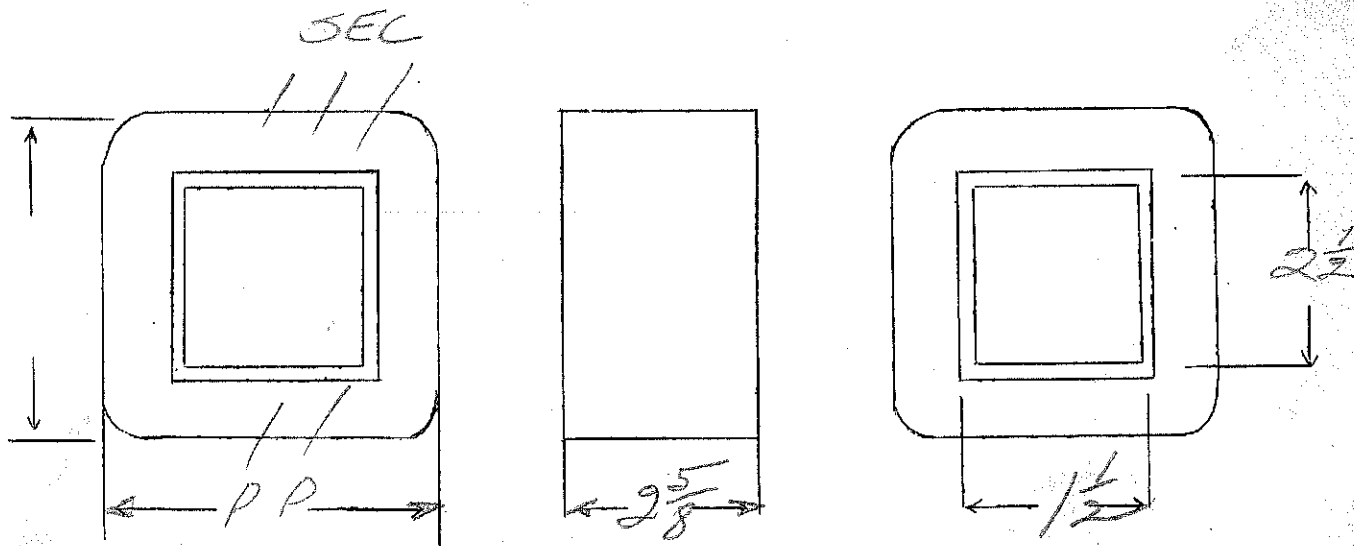
Ep-115V
 ES - 700VCT - 750MA

20° temp rise - iron case

1.62

SPEC. NO. 2669

Winding	SEC	SHIELD	PRI.				
Turns	1250	81	187				
Taps	625	—	—				
Wind. Lgth.	2 $\frac{3}{8}$	2 $\frac{3}{8}$	2 $\frac{3}{8}$				
Wire Size	#22	#22	#16				
T.P.L.	81-16		5L				
Kind Term.	WIRE ONLY						
Term. Lgth.	6"	6"	6"				
Layer Insul.	double 30#		007Kraft				
Test Volt.	2500		1250V				
Wrapper	2L007K	2L005GA	2L005GA				
TUBE	9L007		IMPREGNATION	VARNISH			
CORE	1 $\frac{1}{2}$ x 2 $\frac{1}{2}$		PRIMARY V.A.				
MOUNTING	G						



DESIGNED BY *W. Weaver* DATE

12/28/36

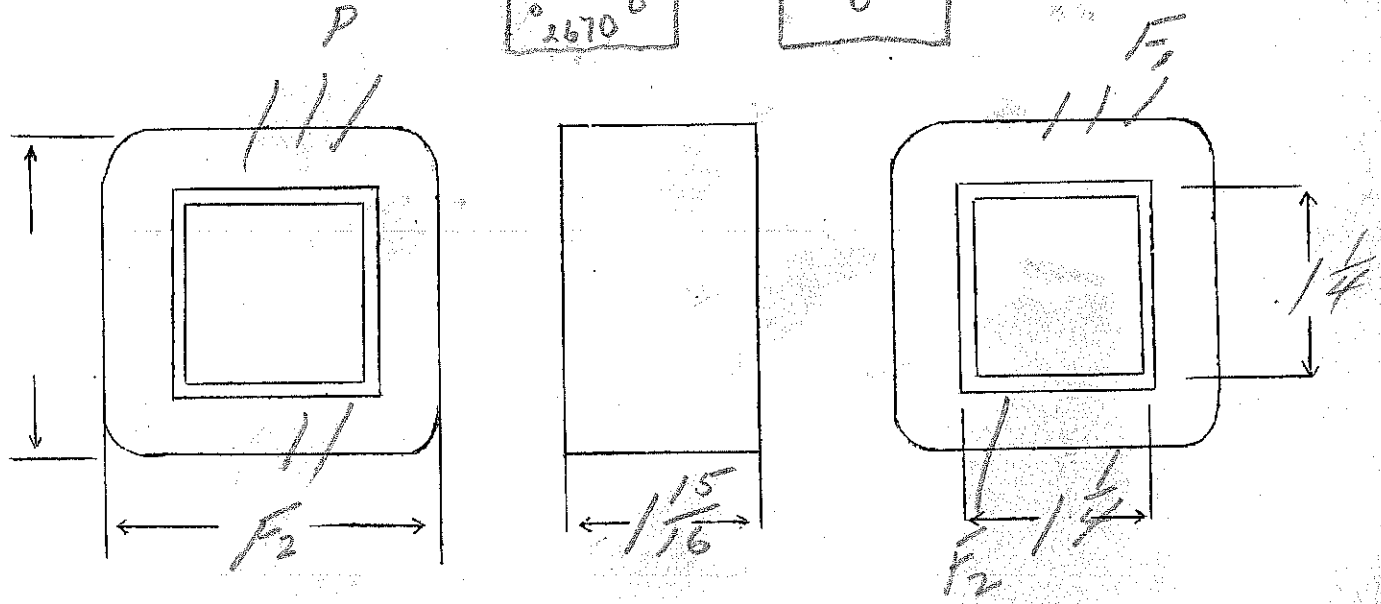
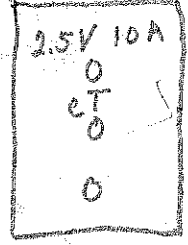
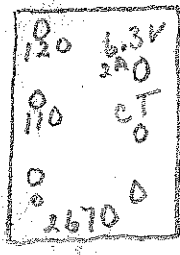
Ep - 110-120
 Es₂ - 2.5V-CT-10amp - 5000V Ins
 Es₁ - 6.3V-CT-2amps $\frac{1}{16}$ "

2.45

SPEC. NO. 2670

Winding	PR1	F ₁	F ₂				
Turns	480	27	11				
Taps	440	13	5				
Wind. Lgth.	1.75	—	—				
Wire Size	#21	#17	#11 - CTSil Br - 2 strands				
T.P.L.	10L						
Kind Term.	WIRE ONLY						
Term. Lgth.	4"	4"	4"				
Layer Insul.	50#						
Test Volt.	1250	1250	5000				
Wrapper	210076A	210076A	210076A				

TUBE	7007	IMPREGNATION	VARNISH
CORE	1/4" X 1/4"	PRIMARY V.A.	
MOUNTING	F		



DESIGNED BY *ew*

DATE 12/28/36

Ep 120

EF₁ 5V - 2amp

ES - 600V (green) - 40ma

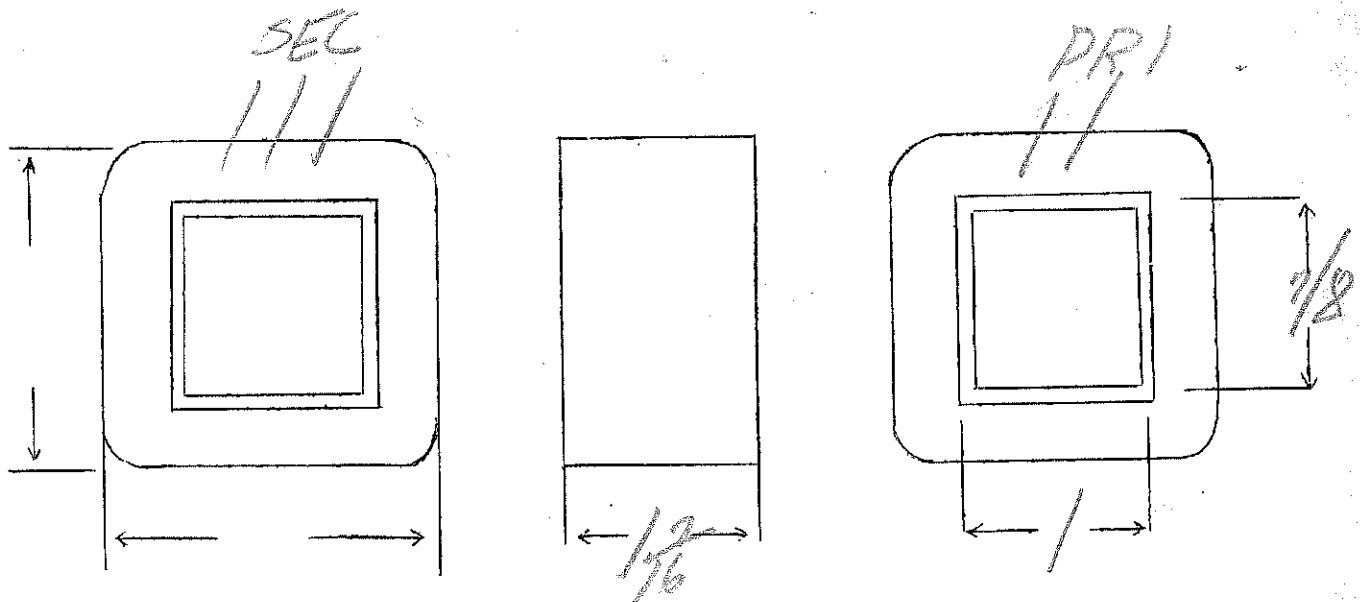
EF₂ 6.3V - 2amp

585

SPEC. NO.

2671

Winding	SEC	SHIELD	PRI	F ₁	F ₂		
Turns	3500	72	704	40	33		
Taps	1750	-	-	-	-		
Wind. Lgth.	1.25	1.25	1.25	-	-		
Wire Size	#37	#27	#27	#21	#21		
T.P.L.	225-16		72-10				
Kind Term.	#20 20W	W.O.	#20 20W	WIPE ONLY			
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#	-	double 20#	-	-		
Test Volt.	2500		1250				
Wrapper	11007VC	11005VC	210056A	210056A	210056A		
TUBE	5L007			IMPREGNATION	VARNISH		
CORE	1 X 7/8			PRIMARY V.A.			
MOUNTING	A						



DESIGNED BY

gww

DATE

12/24/36

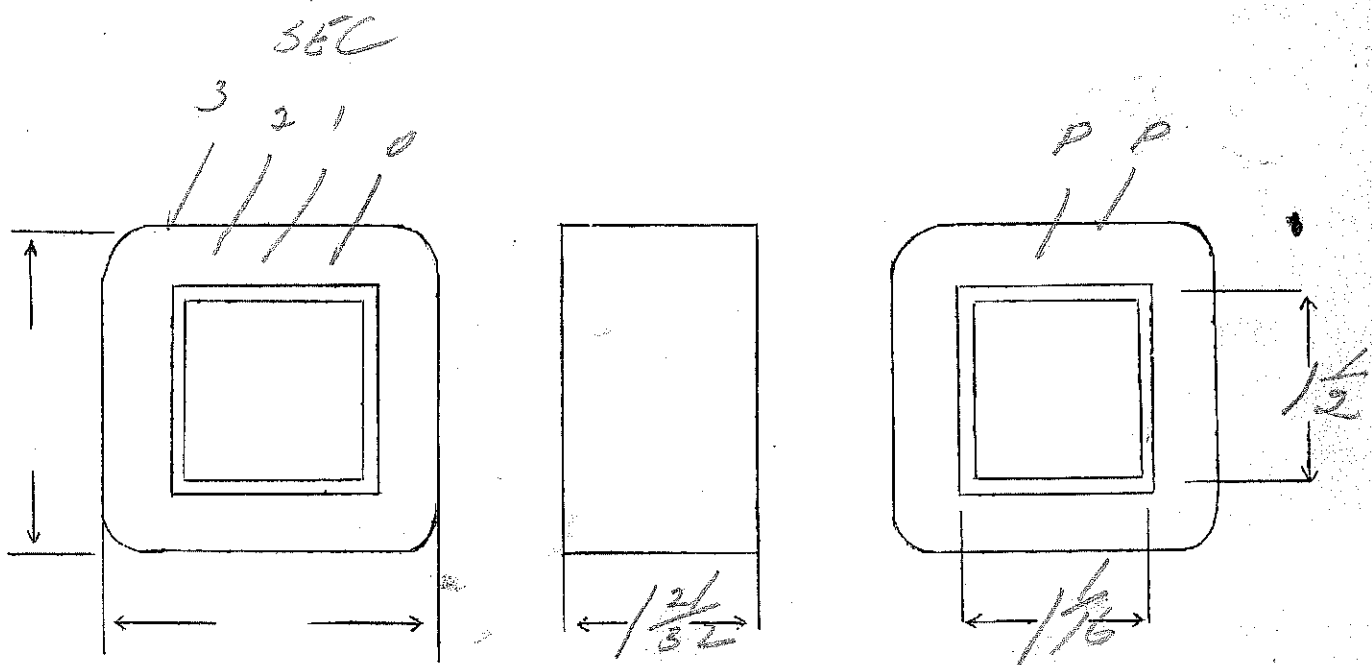
E_p - 115 V.
 E_s - 400 V - tapped at 200, 100V. - 85 watt

363

SPEC. NO. 2672

Winding	SEC	SHIELD	PRI				
Turns	1584	99	418				
Taps	792 396		—				
Wind. Lgth.	1 ¹⁵ / ₃₂		1 ¹⁵ / ₃₂				
Wire Size	#28	28	#23				
T.P.L.	99-16	99-1	55-8				
Kind Term.	WIRE ONLY	W.O.	WIRE ONLY				
Term. Lgth.	3"	3"	3"				
Layer Insul.	40#		50#				
Test Volt.			2500				
Wrapper	1007VC	1007VC	21005 GA				

TUBE	72007	IMPREGNATION	VARNISH
CORE	1 1/16 x 1 1/2	PRIMARY V.A.	
MOUNTING	BB		



DESIGNED BY *sw*

DATE 12/28/36

EP - 115 V
 EF₁ - 3V - 4amps

EF₃ - 6V - 1/2 amp

EF₂ - 1.5V.C.T. - 3amps

SPEC. NO.

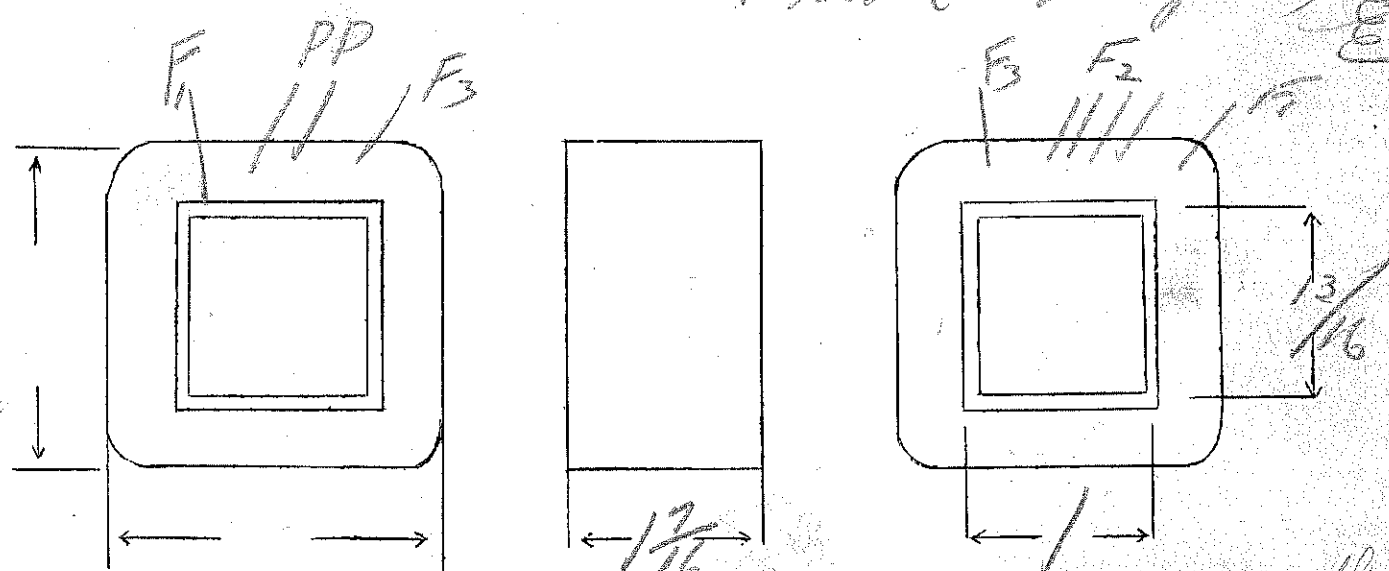
2673

(create special color code)

Winding	P	F ₁	F ₂	F ₃			
Turns	805	24	12	48			
Taps	—	—	6	—			
Wind. Lgth.	1.25	—	—	—			
Wire Size	#28	#17	#18	#23			
T.P.L.	81-10	—	—	—			
Kind Term.	← #20 Per Brand						
Term. Lgth.	white 7"	7" blue	7" black	7" green			
Layer Insul.	40#	—	—	—			
Test Volt.	1250	—	—	—			
Wrapper	2005GA	2005GA	2005GA	2005GA			
TUBE	7007			IMPREGNATION		VARNISH	
CORE	1X 1 1/16			PRIMARY V.A.			
MOUNTING	BB with leads						

2.4
 3.7
 1.85

*bring out two red
 C.T. leads (brayed together)*



3.43 - blue
 1.72 - Black
 6.85 - Green

DESIGNED BY

MW

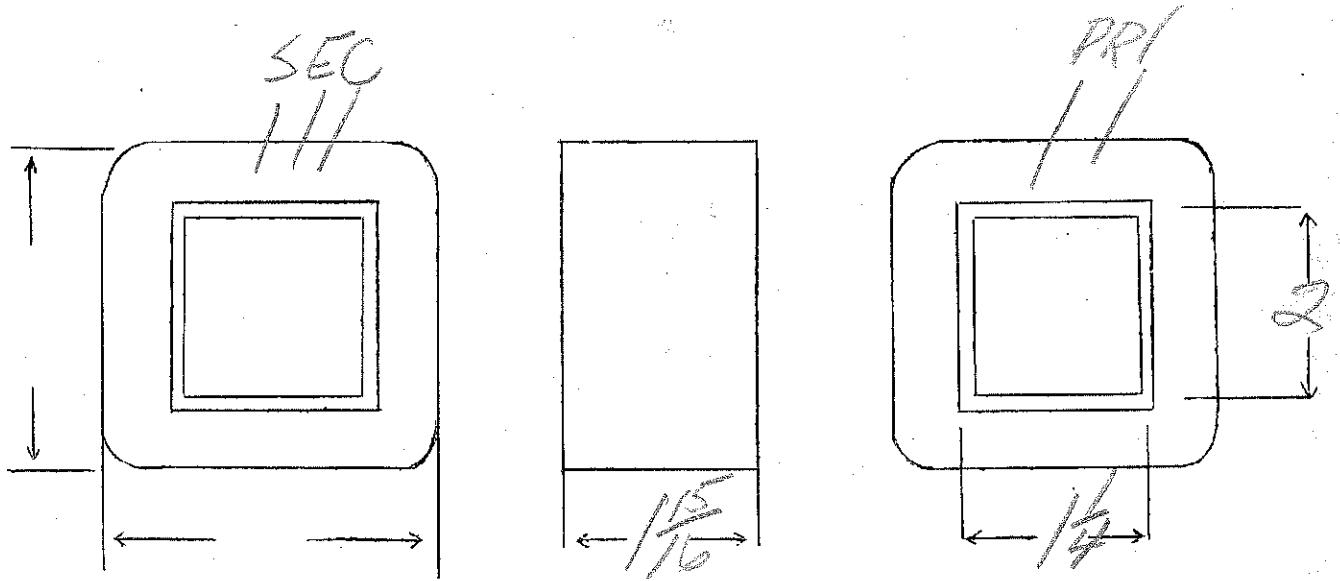
DATE

12-28-36

EP-115V
 ES-800VCT. - 200MA
 EF1-5V-3amps
 EF2-6.3VCT. - 5amps

SPEC. NO. 2675

Winding	SEC	SHIELD	PRI	F1	F2		
Turns	1940	125	260	12	15		
Taps	970	-	-	-	7		
Wind. Lgth.	1.75	1.75	1.75	-	-		
Wire Size	#29	#29	#20	#18	#18		
T.P.L.	125	-	45	-	-		
Kind Term.	#20 Braid		#20 Braid	WIPE	ONLY		
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	10076A	10076C	20076A	20076A	20076A		
TUBE	9L007			IMPREGNATION		VARNISH	
CORE	1 1/4 x 2			PRIMARY V.A.			
MOUNTING	A						



DESIGNED BY *JW*

DATE *12/29/36*

$P_{1I} = 120/240V - 60W$
 See - 720UCT @ 150ma
 5V @ 3Amp.
 6.2V @ 6.25 Amp.

SPEC. NO. 2678

Winding	S ₁	Shield	P ₁ P _{1I}	P ₂ P _{2I}	F ₁ 603V	F ₂ 5V
Turns (3 1/2%)	11640	1	264	264	15 (8 1/2%)	12 (9%)
Taps	820	-	-	-	-	-
Wind. Lgth.	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4" = 1.75"
Wire Size	#29	.001 Cu Shroth.	#23	#23	2 #17	#17
T. P. L.	118-4L	1	66-4L	66-4L	15-1L	12-1L
Finish	82%	-	90%	90%	80%	3-2%
Type Lead	#20 Dolac	#25. Solid	#20 Pri. Sec.	#20 Pri. Sec.	W.O. Sleeve	W.O. Sleeve
Lead Lgth.	9"	3"	9"	9"	9"	9" (from case)
Layer Insul.	2L 205G	-	2L 305G	2L 305G	-	-
Test Volt.	2500		1250	1250		
Wrapper	1L 0026K	1L 0076K	1L 0076K	2L 0056A	1L-0056C	2L 0056A

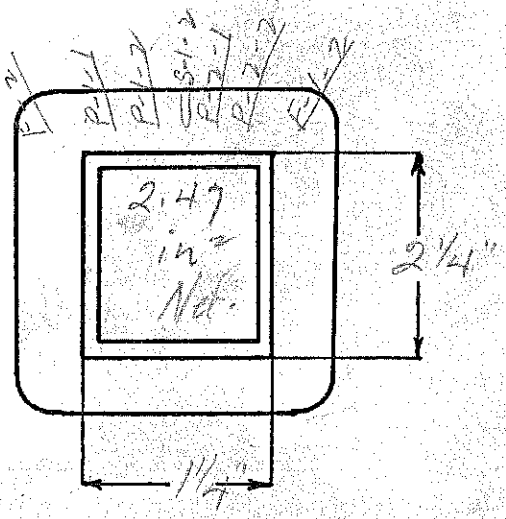
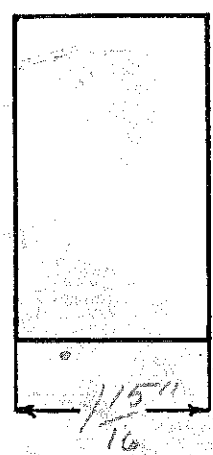
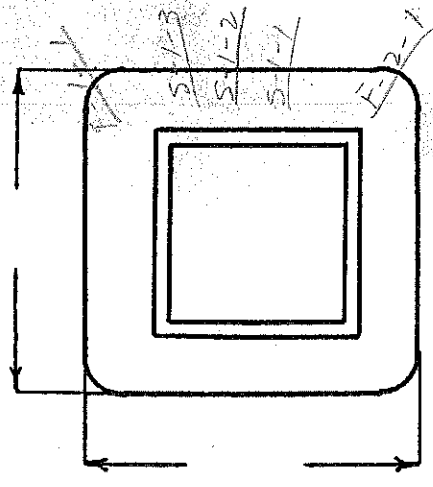
TUBE 17L-0076K IMPREGNATION Double Vacuum

CORE 1 1/4" x 2 1/4" E.I. GA. 24 GRADE D STACK 2x2

MOUNTING SA - Cadmium Sells - Black Lamination

$Cu = 845 - 843 - 843 - 683 - 655$
 $Fe = 69 @ 60W$
 $TPV = 2.2$
 $Wire Net = 0.554" (0.519")$

$\Sigma See VA = 108 \quad \tau = 83$
 $P_{1I} VA = 145 \quad \cos \theta = 90$
 $P_{1I} I = 603ma$



DESIGNED BY NWA

DATE 1-26-42

0V9V

Ep - 120 or 240V - series or parallel
 Es - 720 VCT. - 150MA
 Ef1 - 5V - 3 amperes
 Ef2 - 6.3V - 625 amperes 219

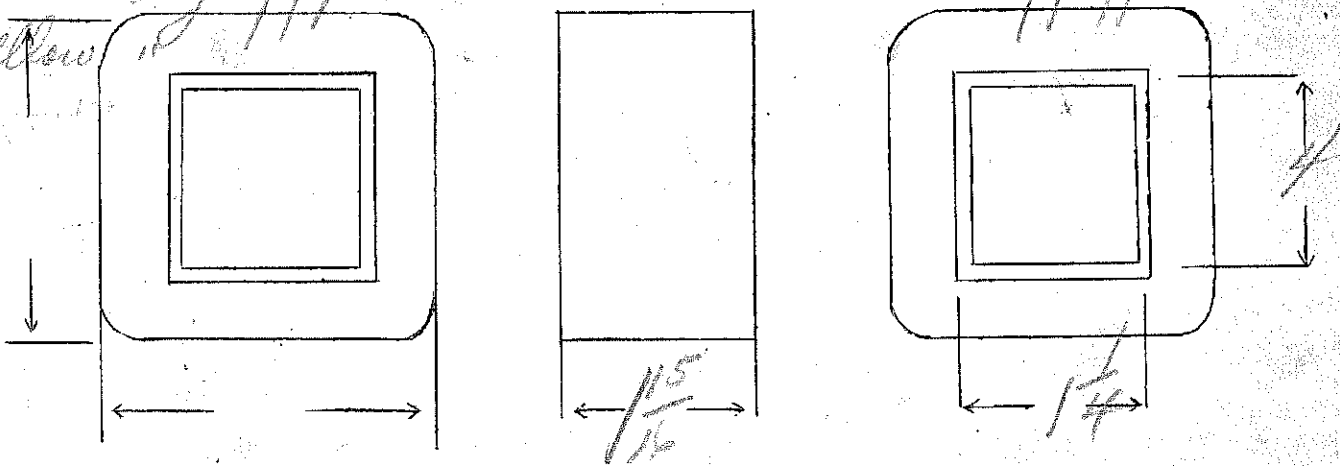
SPEC. NO. 2678-25N

Winding	SEC	SHIELD	PR1	PR1 ₂	F1	F2
Turns	1640	1	263	263	12	15
Taps	820	13 1/2	—	—	—	—
Wind. Lgth.	1.75	1.75	1.75	1.75	—	—
Wire Size	#29	shim stack	#23	#23	#17	#17 or #14
T.P.L.	120-14		68-4	68-4		
Kind Term.	#20 over	sil. br	#20 P braid		WIRE ONLY	
Term. Lgth.	9"	3"	9"	9"	9"	9"
Layer Insul.	double 20 #		double 30 #	✓		
Test Volt.	2500					
Wrapper	11007VC	11007VC	11007VC	210056H		210075H

TUBE 11007 IMPREGNATION PRIMARY V.A.

MOUNTING SA - Cadman: long bolts

Sec - Black, Blue & 2 Grammeto spool 13" c-c on center line of coil
 Potent - brown
 Grammeto - green
 6.3 - Green drawing
 5.0 - yellow
 5 all Rectif. plates
 Rest out of this Grammeto



DESIGNED BY YW

DATE 2/23/37

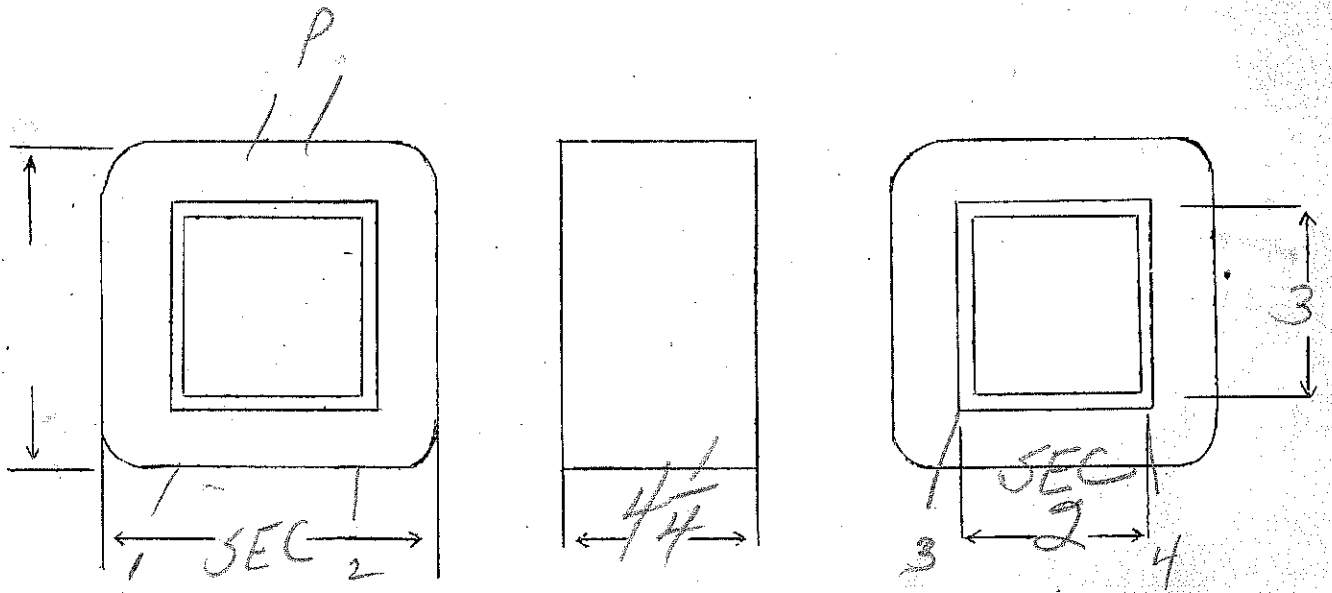
Ep-15V
 Es-30V, tapped at 20 & 10 Capacity intermittent 50amps

1.045 SPEC. NO. 2679

Winding	PRI	SEC				
Turns	120	34				
Taps	-	22	11			
Wind. Lgth.	3 ³ / ₄	3 ³ / ₄				
Wire Size	#10 SQUARE	double #10 squares				
T.P.L.	26-5	26-3				
Kind Term.	WIRES ONLY					
Term. Lgth.	4"	4"				
Layer Insul.	00 Kraft					
Test Volt.	2500					
Wrapper	3L0056A	3L0058A				

TUBE 9L007 IMPREGNATION VARNISH
 CORE 2x3 PRIMARY V.A.

MOUNTING uncoiled - print. from Black - leads out with large copper terminal cup



DESIGNED BY gw

DATE 11/4/37

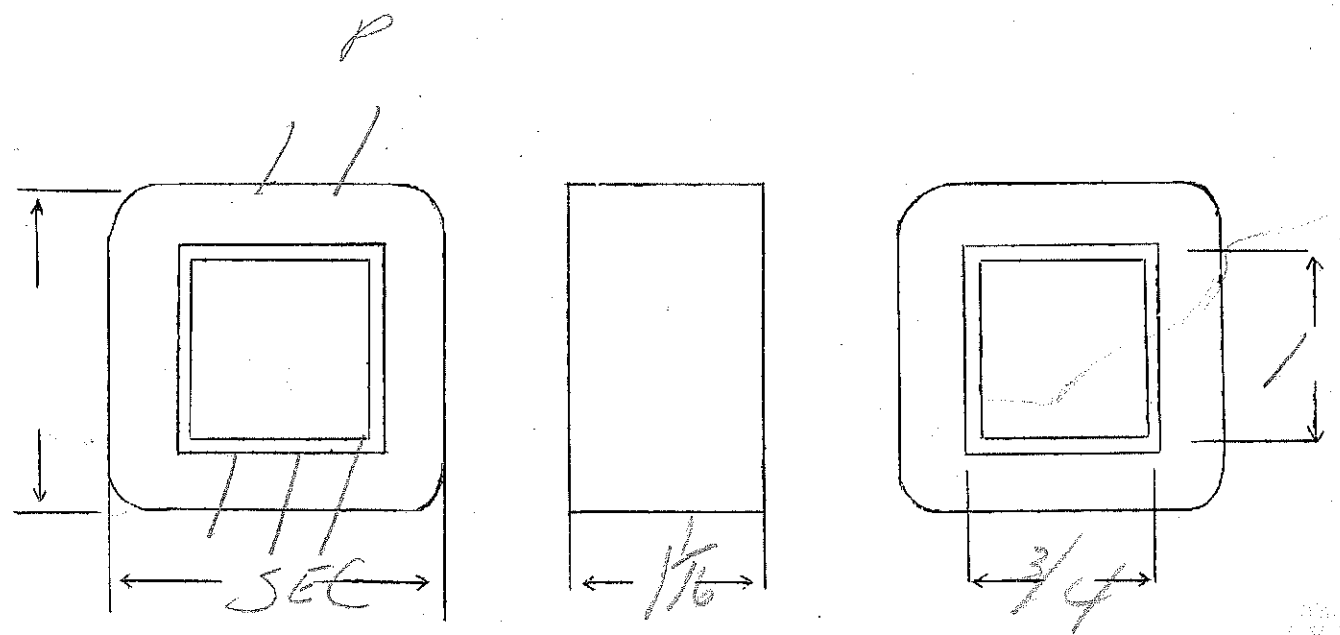
Ep- 120V
 Es- 25 V.C.T. - 10 watt

725

SPEC. NO. 2680

Winding	P	S					
Turns	870	208					
Taps	—	104					
Wind. Lgth.	7/8	7/8					
Wire Size	#31	#25					
T.P.L.	81.7	42.5					
Kind Term.	Si	Br					
Term. Lgth.	3"	3"					
Layer Insul.	30#	40#					
Test Volt.	—	—					
Wrapper	1007K	2025GA					

TUBE		IMPREGNATION	
CORE	3/4"	PRIMARY V.A.	
MOUNTING	D		



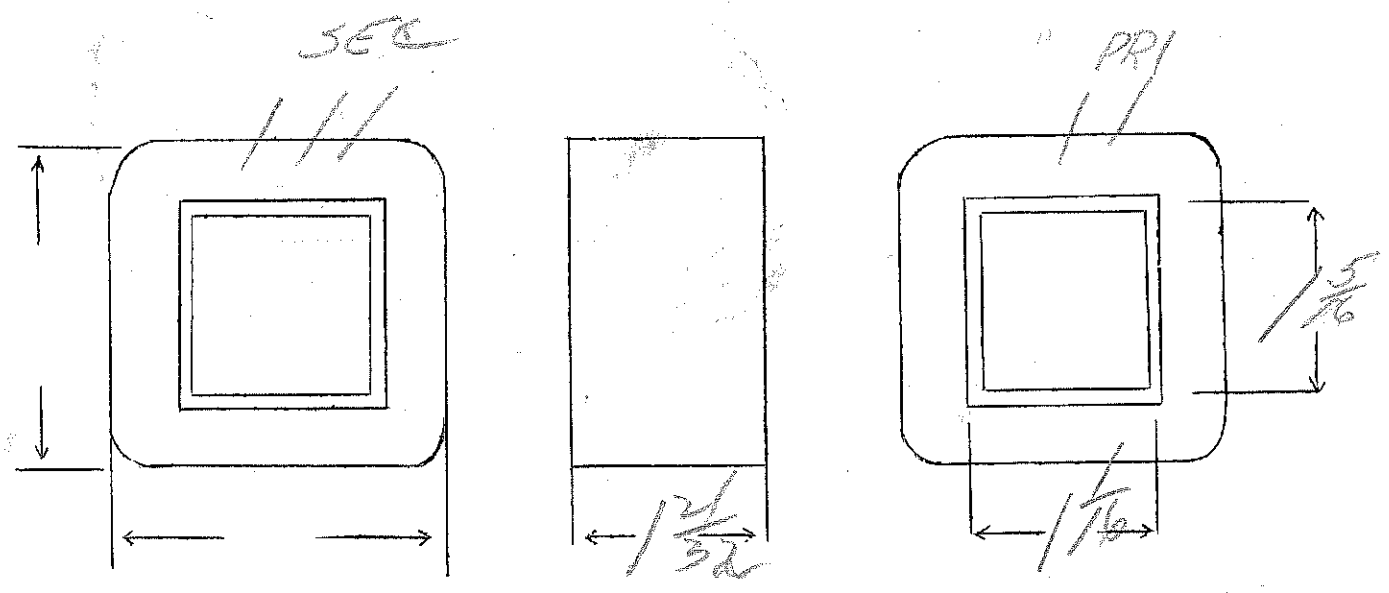
DESIGNED BY *SW*

DATE *1/8/37*

EP-120
 E3 - 700 V.C.T. - 25 mA 4.15
 EF1 - 5V - 2amps, EF2 = 6.0V - 3amps

SPEC. NO. 2681

Winding	SEC	SHIELD	PR1	F1	F2		
Turns	3100	62	496	23	28		
Taps	1550		—	—	—		
Wind. Lgth.	1 15/32	1 15/32	1 15/32	—	—		
Wire Size	#34	#24	#24	#20	#18		
T.P.L.	194-16		62-8				
Kind Term.	#70	W.O.	#70	WIRE ONLY			
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.	2500		1250				
Wrapper	1007VC	1005VC	21005GA	21005GA	21005GA		
TUBE	1007			IMPREGNATION	VARNISH		
CORE	1/16 x 1/16				PRIMARY V.A.		
MOUNTING	A - Cathin						



DESIGNED BY Yew

DATE 1-14-37

Ep - 120V
 Es - 6000 or 5000V. CT sec. 600 Ma

SPEC. NO. 2682

79

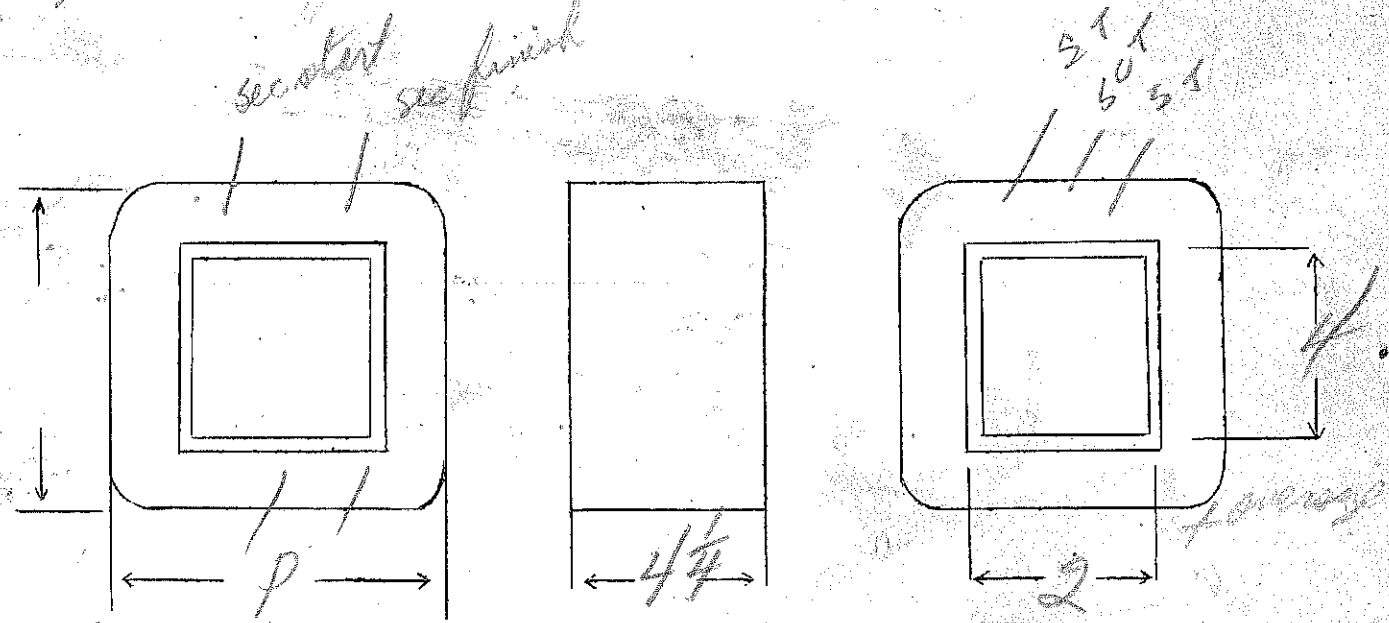
Winding	SEC		PR1			
Turns	5030		95			
Taps	4530 2515	500				
Wind. Lgth.	3 1/2					
Wire Size	#25		double #12			
T.P.L.	168-30		5L			
Kind Term.	WIRE	ONLY				
Term. Lgth.	4"		4"			
Layer Insul.	double 40#					
Test Volt.	10000					
Wrapper	3L007VC 3L005GA		2L005GA			

TUBE 10L007 + 2L007VC IMPREGNATION VARNISH

CORE 2 x 4 PRIMARY V.A.

MOUNTING uncrack - pu to legs, sec to bakelite strips

Ground sec. CT to a dig



DESIGNED BY *Geo*

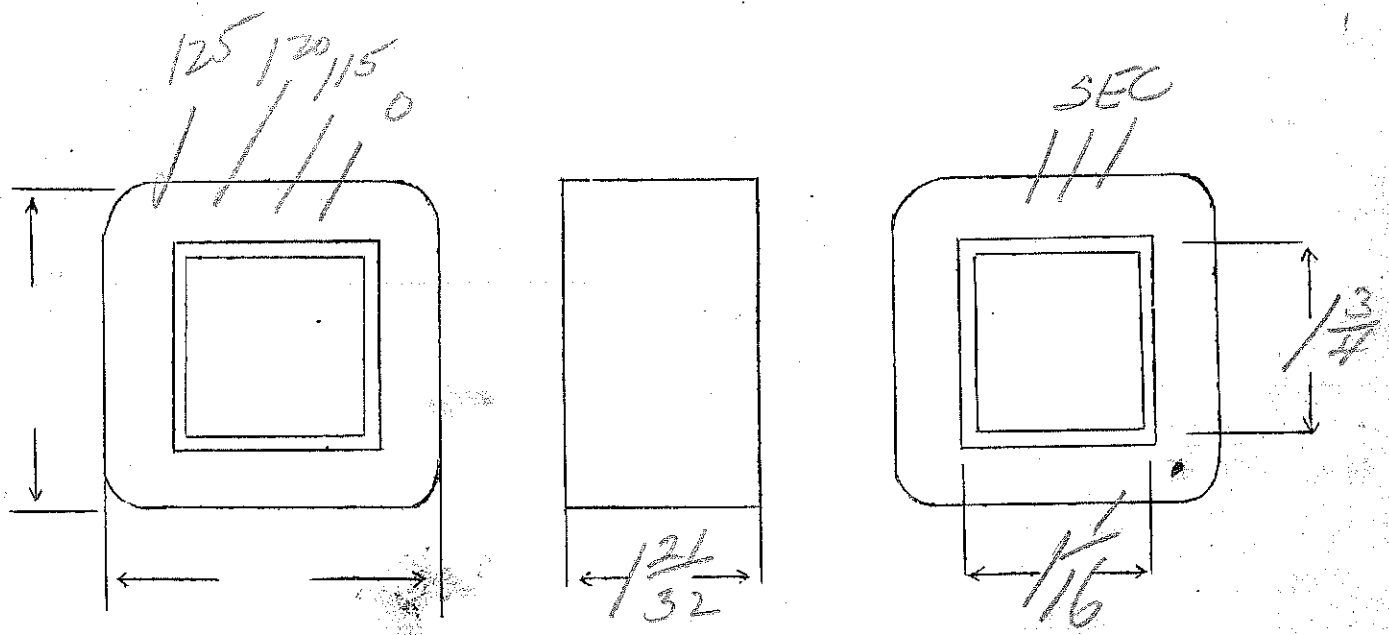
DATE 1/8/37

120

Ep- 115-120-125
 E3 - 5.5V - 20 amp CT.

3.1 SPEC. NO. 2683

Winding	PR1	SEC.				
Turns	387	19				
Taps	373	10	one strand only			
Wind. Lgth.	1 15/32	1 15/32				
Wire Size	#22	#12				
T.P.L.	50-8	3L				
Kind Term.	WIPE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	50#	—				
Test Volt.	1250	1250				
Wrapper	2L0056A	2L0056A				
TUBE	7L007	IMPREGNATION	VARNISH			
CORE	1 7/16 x 1 3/4	PRIMARY V.A.				
MOUNTING	B					



DESIGNED BY *glw*

DATE 1/2/37

EP 120
 E5-280V-22 ma
 EF-5V-1/4 amp

VA=8

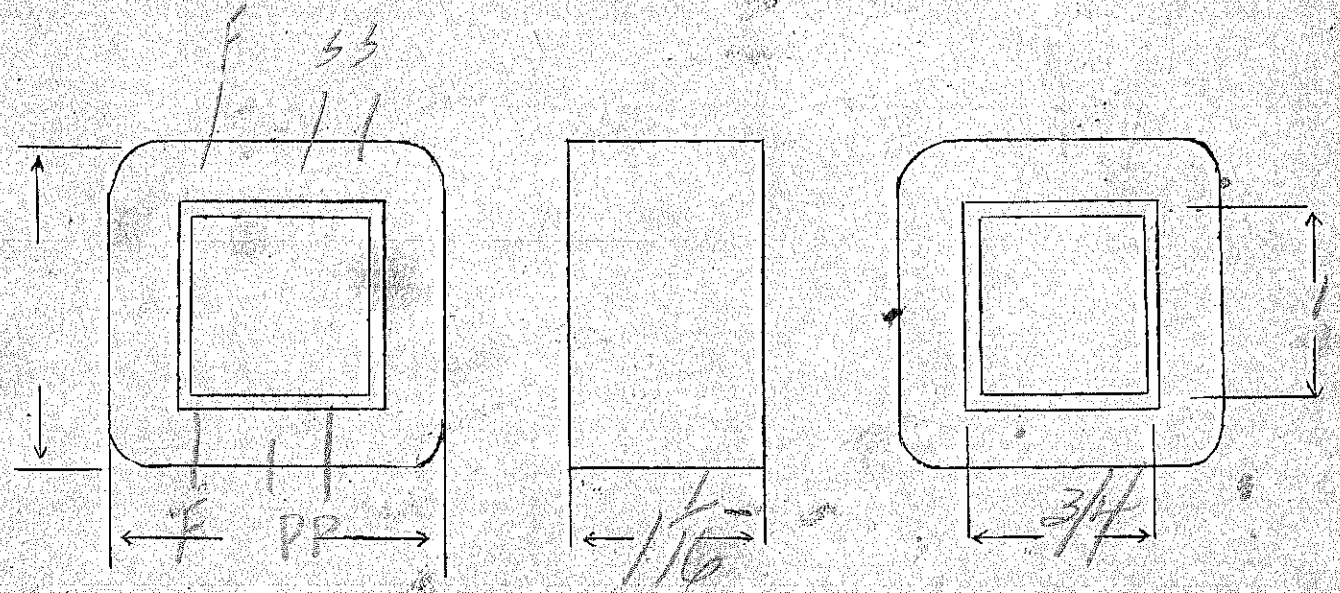
$\frac{1}{6}$ 7.75

SPEC. NO. 2684

Winding	SEC	PRI	FIL				
Turns	2480	930	43				
Taps							
Wind. Lgth.	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$				
Wire Size	#37	#31	#26				
T.P.L.	160-16	30-12	14				
Kind Term.	SIL BR	SIL BR	WIRE ONLY				
Term. Lgth.	3"	3"	3"				
Layer Insul.	30#	30#					
Test Volt.	1250	1250	1250				
Wrapper	1007K	2005A	210056A				

TUBE 52007 IMPREGNATION FABMESH
 CORE $\frac{3}{4} \times 1$ 24/40 2x2 PRIMARY V.A.
 MOUNTING D

4.21
 5.45
 3.124



DESIGNED BY SW

DATE 1/2/37

7V to 130V — 4.5 amps

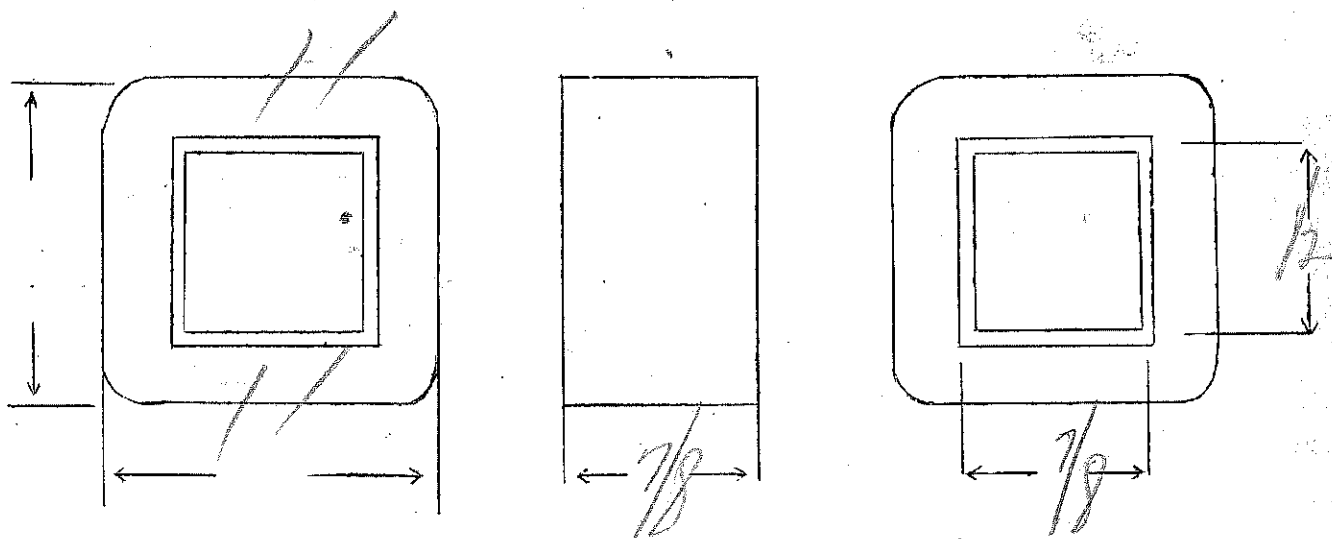
$\frac{1}{E} = 17$

SPEC. NO. 2685

Winding	SEC	PRI				
Turns	2460	120				
Taps	—	—				
Wind. Lgth.	1 1/16	1 1/16				
Wire Size	#34	#23				
T.P.L.	89-28	26-5				
Kind Term.	SIBB.	W.O.				
Term. Lgth.	3"	3"				
Layer Insul.		50#				
Test Volt.	—	—				
Wrapper	1007K	2005GA				

TUBE	52007	IMPREGNATION	varnish
CORE	7/8 x 1/2 - E only	PRIMARY V.A.	
MOUNTING	none	7/8 Lam. with holes	

C. 35



DESIGNED BY *SW*

DATE *1/2/30*

E_p - 115, 131, 154V.
 E_s - 4200V.C.T. - 300MA

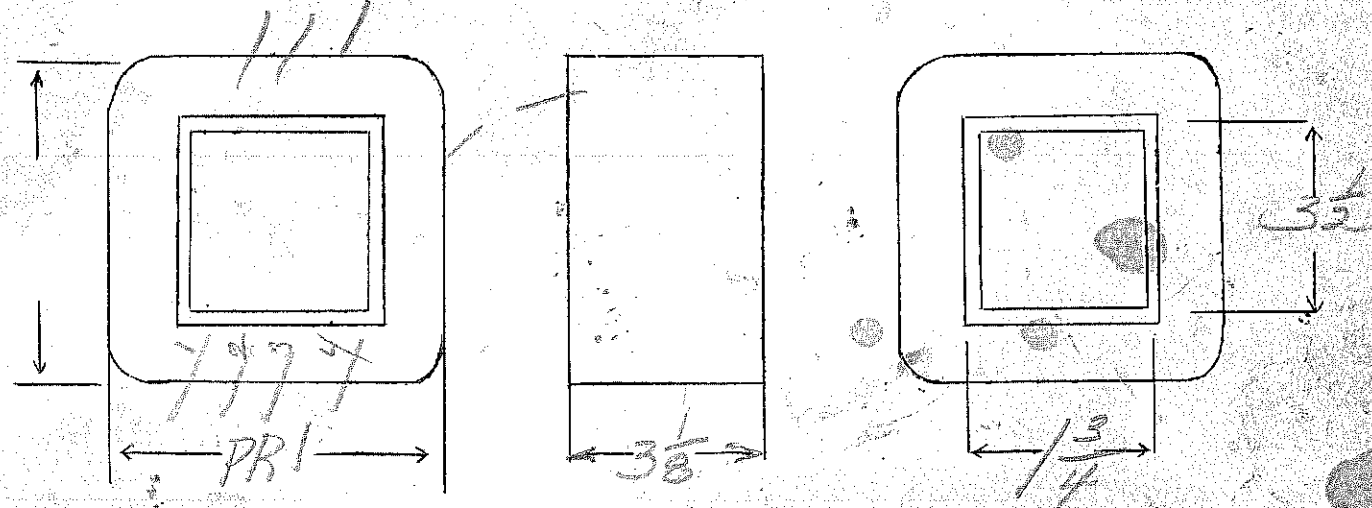
VA = 630

N_e = 1 SPEC. NO. 2686

Continued

Winding	SEC	PRI				
Turns	4400	115	39			
Taps	2200		16			
Wind. Lgth.	2 ⁵ / ₂	2 ⁵ / ₂				
Wire Size	#27	#13	#15			
T.P.L.	148-32	32-4	1L			
Kind Term.	WIRE	ONLY		4L	sl over and under spiral	
Term. Lgth.	3 ¹¹ / ₁₆	3"	3"			
Layer Insul.	double 30#					
Test Volt.	7500	1250	1250			
Wrapper	21007VG 21003GA		21005GA 21005PR			
TUBE	106007#1007VC		IMPREGNATION		VARNISH	
CORE	1 ³ / ₄ x 3 ¹ / ₂		PRIMARY V.A.			
MOUNTING	uncased					

(OVER) see to Bakelite strip
 SEC Pri to Panel (legs)



DESIGNED BY JW

DATE 7/7/37

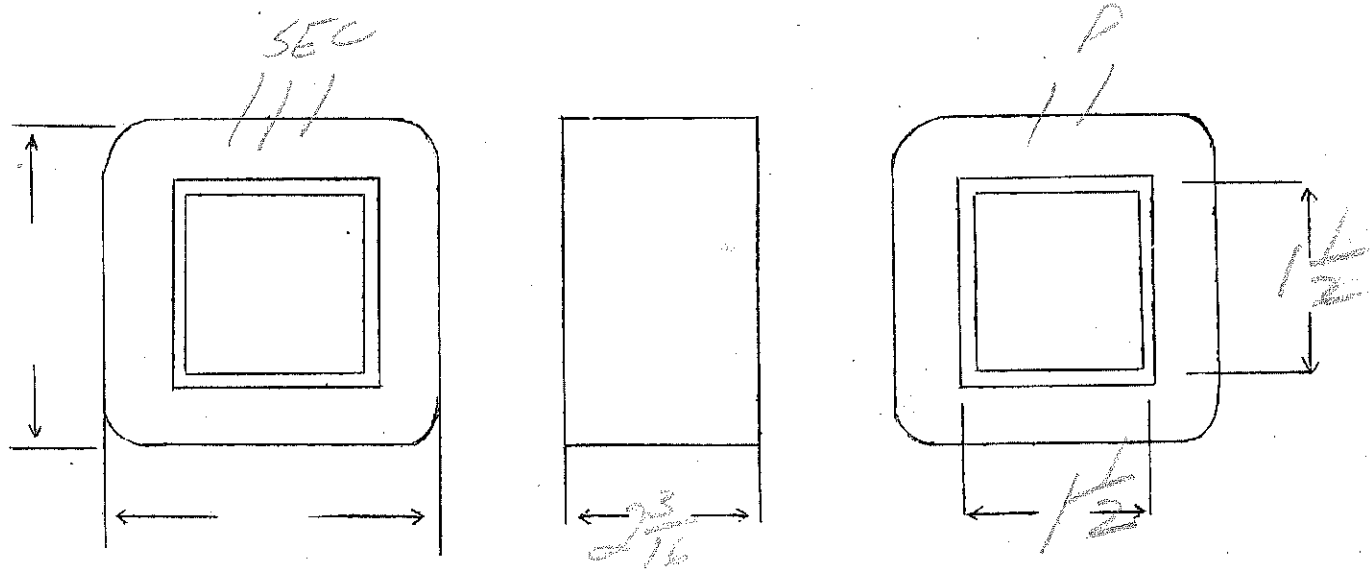
Ep-115
 Es - 700VCT-150ma
 Ef1 - 5V 3amp
 Ef2 - 6.3V-3amp Ef3 - 2.5V-10amp

2.5E

SPEC. NO. 2687

Winding	SEC	SHIELD	PRI	F1	F2	F3
Turns	1800	1	290	13	17	7
Taps	900					#
Wind. Lgth.	1 13/16	1 13/16	1 13/16			
Wire Size	#29	SHIM	#20	#17	#17	#13
T.P.L.	140-14		50-6			
Kind Term.	#20		#20	WIRE ON		
Term. Lgth.	9"	3"	9"	9"	9"	9"
Layer Insul.	double 20#		50#			
Test Volt.						
Wrapper	16007VC	16007VC	26005GA			26005GA

TUBE | 7L007 | IMPREGNATION | VARNISH
 CORE | 1/2 x 1/2 special | PRIMARY V.A.
 MOUNTING SA



DESIGNED BY *SW*

DATE *12/31/36*

Special magnet.

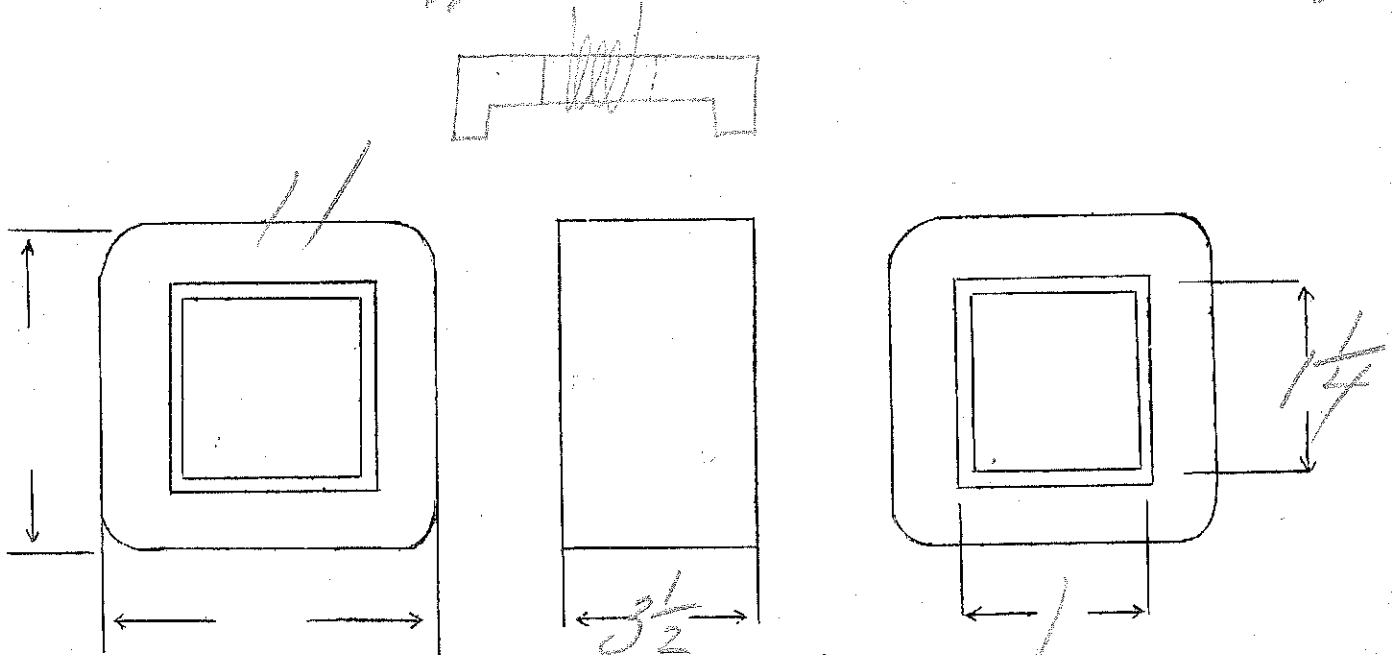
SPEC. NO.

2688

Winding	P						
Turns	190						
Taps	—						
Wind. Lgth.	3 1/4						
Wire Size	#21						
T.P.L.	2L						
Kind Term.	WIPE ONLY -	sliding					
Term. Lgth.	8"						
Layer Insul.	.005						
Test Volt.							
Wrapper	21056A						

TUBE	71007	IMPREGNATION	VARNISH
CORE	1 x 1/4" L"	PRIMARY V.A.	
MOUNTING			

Stack L is staggered to make complete unit 1/2" long



DESIGNED BY

[Signature]

DATE

12/31/56

Ep-120

E₁ - 800V.C.T. - 50Ma

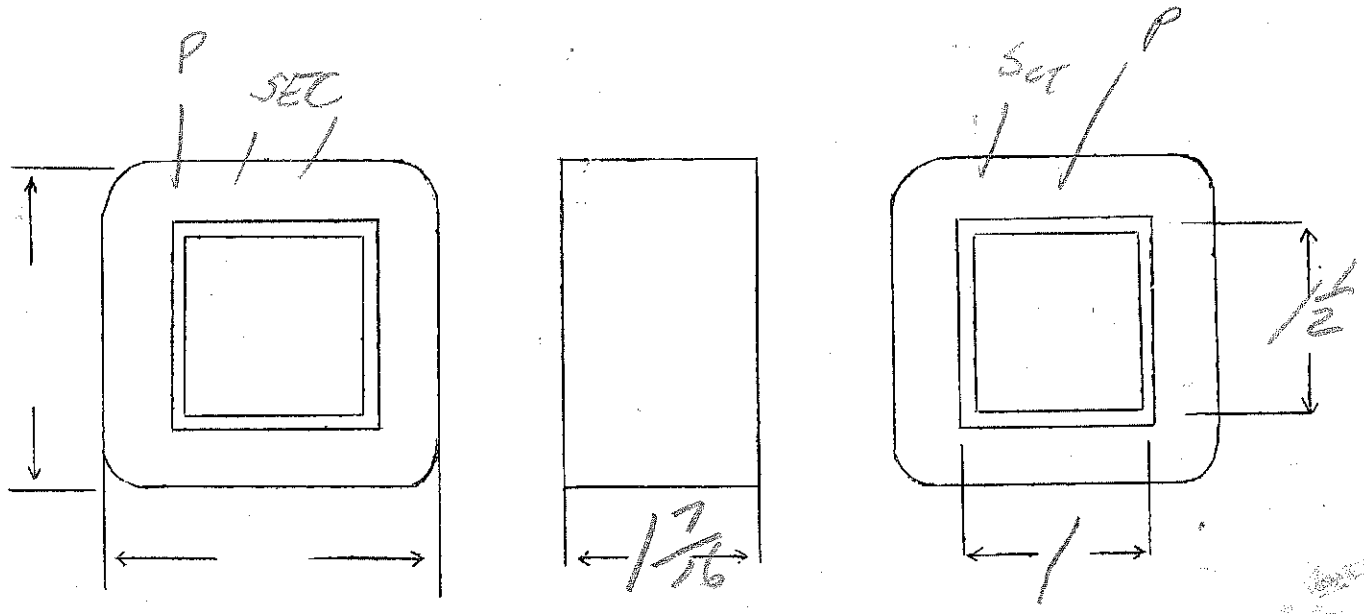
388

E_{F1} - 5V - 2amp, E_{F2} = 6.3V - 2amp

SPEC. NO. 2689

Winding	SEC	SHIELD	PR1	F1	F2		
Turns	3500	67	465	21	27		
Taps	1750	-	-	-	-		
Wind. Lgth.	1.25	1.25	1.25				
Wire Size	#36		#26	#20	#21		
T.P.L.	200-18	-	67-7				
Kind Term.	#20 Wpn	Sil G	#20 Wpn	WIRE	ONLY		
Term. Lgth.	9"	3"	9"	✓	✓		
Layer Insul.	double 16#		double 20#				
Test Volt.	-	-	-	-	-		
Wrapper	2Lth. 4007C	1005VC	2L0056A	2L0056A	2L0056A		

TUBE	5L007	IMPREGNATION	VARNISH
CORE	1 x 1/2	PRIMARY V.A.	
MOUNTING	A		



DESIGNED BY *gw*

DATE 1/8/37

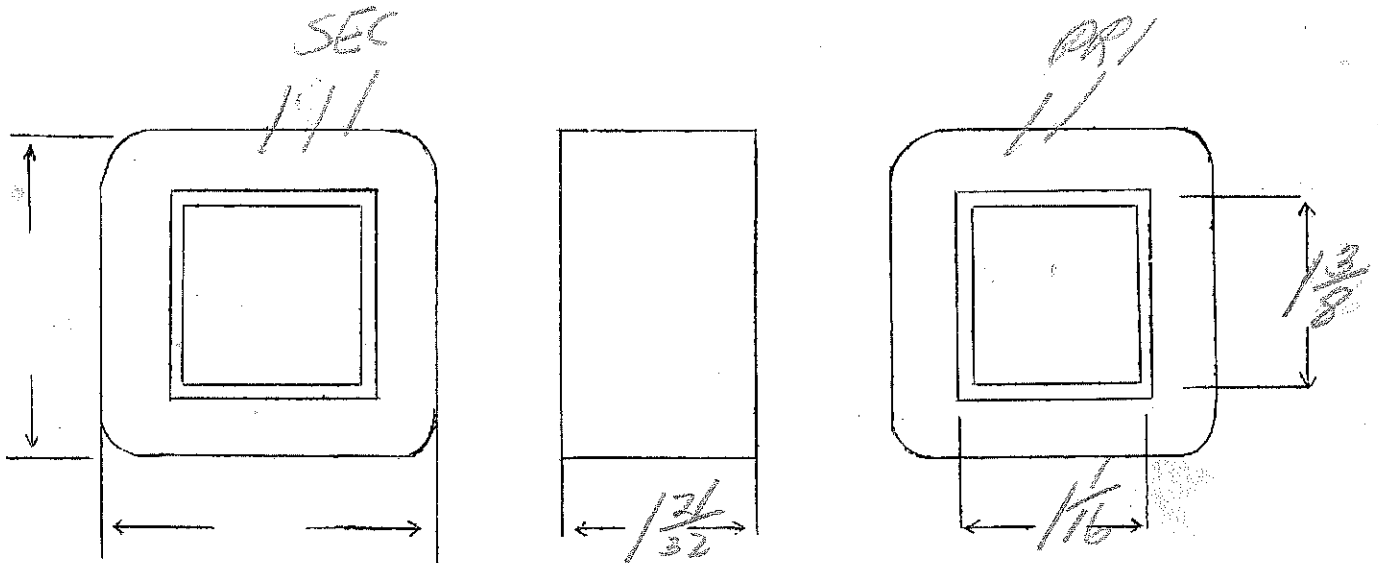
EP-120V
 ES-750V-85ma
 EF₁-5V-3amps
 EF₂-6.3V-3amps

$$\frac{N}{E} = 4$$

SPEC. NO. 2690

Winding	SEC	SHIELD	PR1	F ₁	F ₂		
Turns	3300	62	430	22	28		
Taps	1650			—	14		
Wind. Lgth.	1 ¹⁵ / ₃₂	1 ¹⁵ / ₃₂	1 ¹⁵ / ₃₂	—	—		
Wire Size	#34	#24	#24	#18	#17		
T.P.L.	190-18		62-8				
Kind Term.	#20 Per Pa	W.O	#20 Per Pa	WIRE ONLY			
Term. Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.	2500		1250	2500	1250		
Wrapper	1007W	1007W	210056A	210056A	210056A		

TUBE	7L007	IMPREGNATION	Varnish
CORE	1/16 x 1 3/8	PRIMARY V.A.	
MOUNTING	H - cast iron case		



DESIGNED BY *GW*

DATE *1/14/37*

For 913 Cathode Ray

ES₂ - 180V - 6 ma EF₂ - 6.3V - 1 amp

Ep - 115

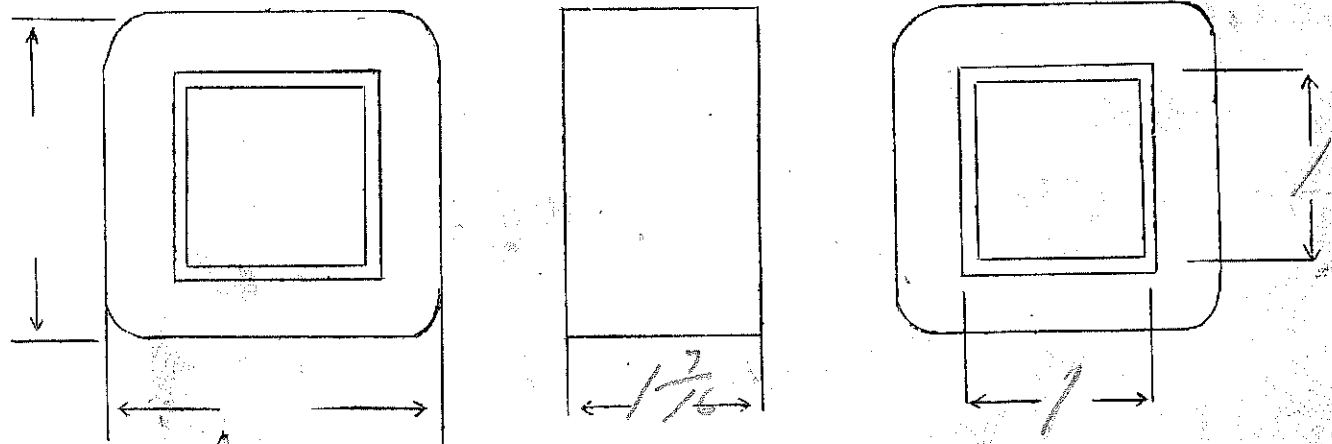
EF₁ - 6.3V - 6 amp EF₃ - 2.5V - 1.25 amp

ES₁ - 375V - 275 vtap - 10 ma

SPEC. NO. 2691

Winding	Black PRI	SHIELD	yellow brown-cream SEC ₁	red SEC ₂	Blue F ₁	white F ₂	Black F ₃
Turns	660	1	2150	1040	38	38	15
Taps			1560	-	19	19	7
Wind. Lgth.	1.25	2	✓	✓	✓	✓	✓
Wire Size	#27	copper shim	#38	#38	#23	#23	#21
T.P.L.	74.9	5 3/4	260	260			
Kind Term.	#20 PBr	silbr	#20 PBr	#20 PBr	WIRE ONLY		
Term. Lgth.	9"	3"	9"	9"	9"	9"	9"
Layer Insul.	40#		double	16#			
Test Volt.							
Wrapper	1007VC	1007VC	1007VC	2005GA			2005GA

TUBE	7007	IMPREGNATION	VARNISH
CORE	1x1	PRIMARY V.A.	
MOUNTING	A or B		



DESIGNED BY

Gar

DATE

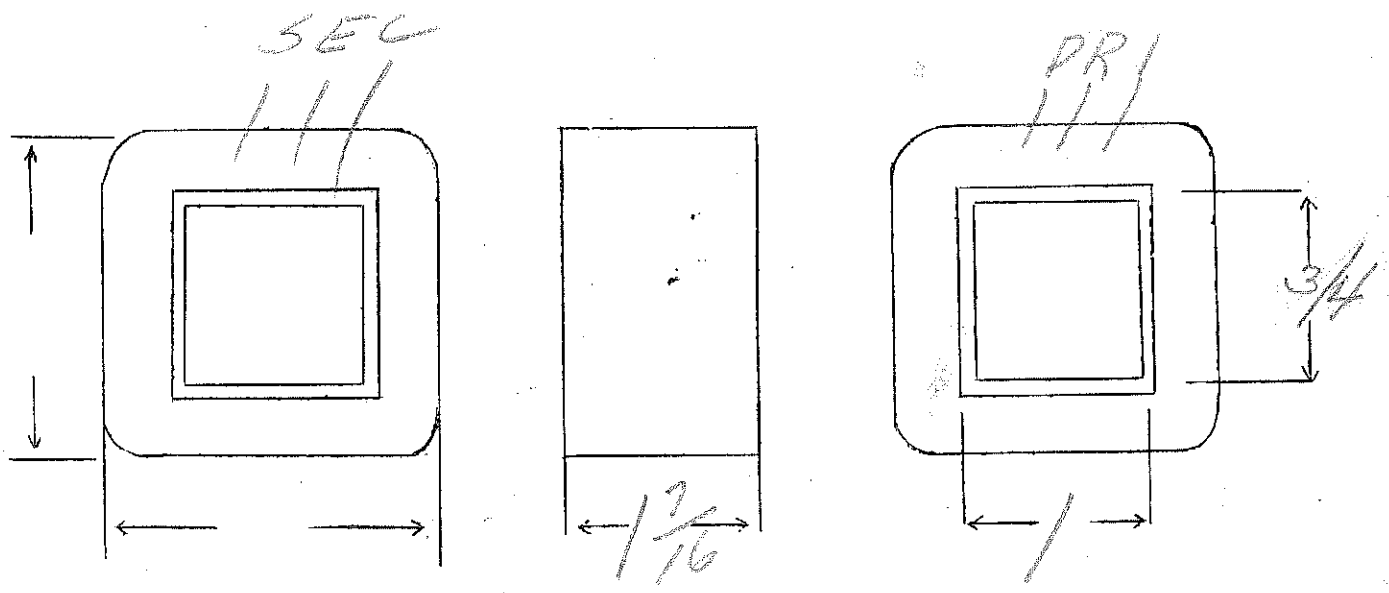
1/27/37

6 tube auto B

SPEC. NO. 2692

Winding	SEC	SHIELD	Black PRI	SHIELD			
Turns	4400	1	80	1			
Taps	2200		40				
Wind. Lgth.	1.25	1.25	1.25	1.25			
Wire Size	#35	slim	#18	slim			
T.P.L.	184-24		42-2000				
Kind Term.	#70 1/2"	silver	WIPE ONLY	SILVER			
Term. Lgth.	9"	3"	9"	3"			
Layer Insul.	double 16		005				
Test Volt.							
Wrapper	11007VC	210056A	210056A	210056A			

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1/8 x 3/4	PRIMARY V.A.	
MOUNTING	A - special - see gw		



DESIGNED BY *gw*

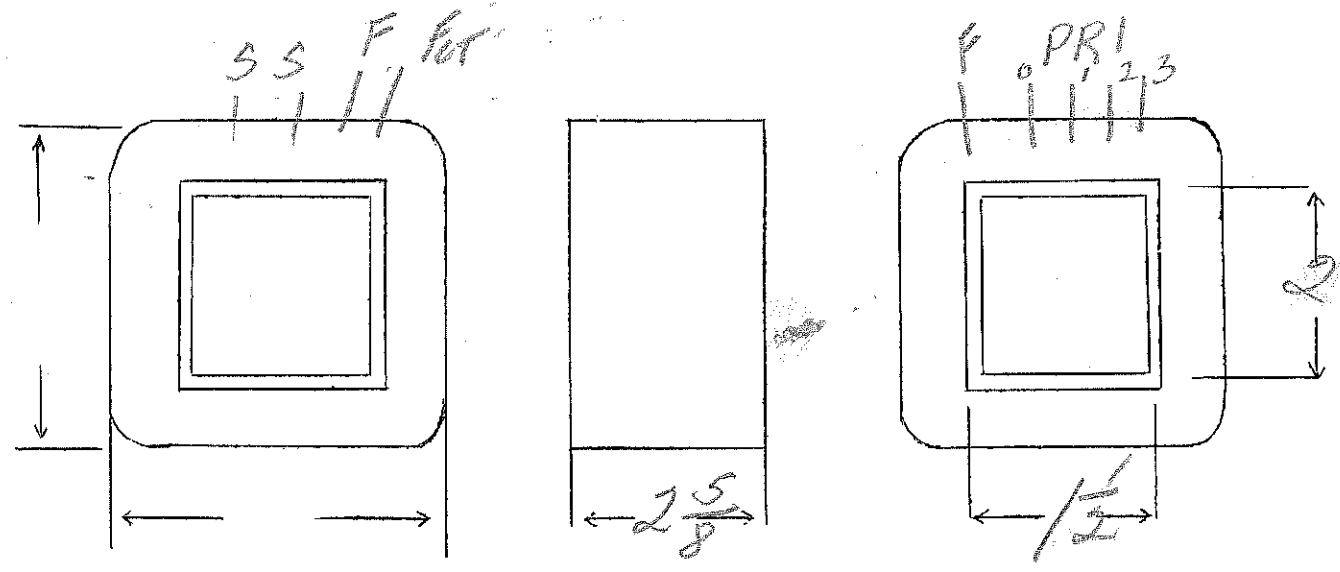
DATE *1/15/37*

E₁ = 110-115-120
 E₂ = 1500 V - 150 Ma - Half wave
 E_F = 10V CT. - 2 amps 210

SPEC. NO. 2693

Winding	SEC	PRI	FIL				
Turns	3300	240	22				
Taps	—	200	11				
Wind. Lgth.	2 $\frac{3}{8}$	2 $\frac{3}{8}$					
Wire Size	#29	#16	#19				
T.P.L.	184-18	4-6					
Kind Term.	50 Br						
Term. Lgth.	5"	5"	5"	start lead right core			
Layer Insul.	Double 40#	1007					
Test Volt.	5000	1250	1250				
Wrapper	2L007VC 2L005BA	2L005BA	2L005BA				

TUBE | 9L007+1L007VC | IMPREGNATION | VARNISH
 CORE | 1 $\frac{1}{2}$ x 2 | PRIMARY V.A. |
 MOUNTING | C- |



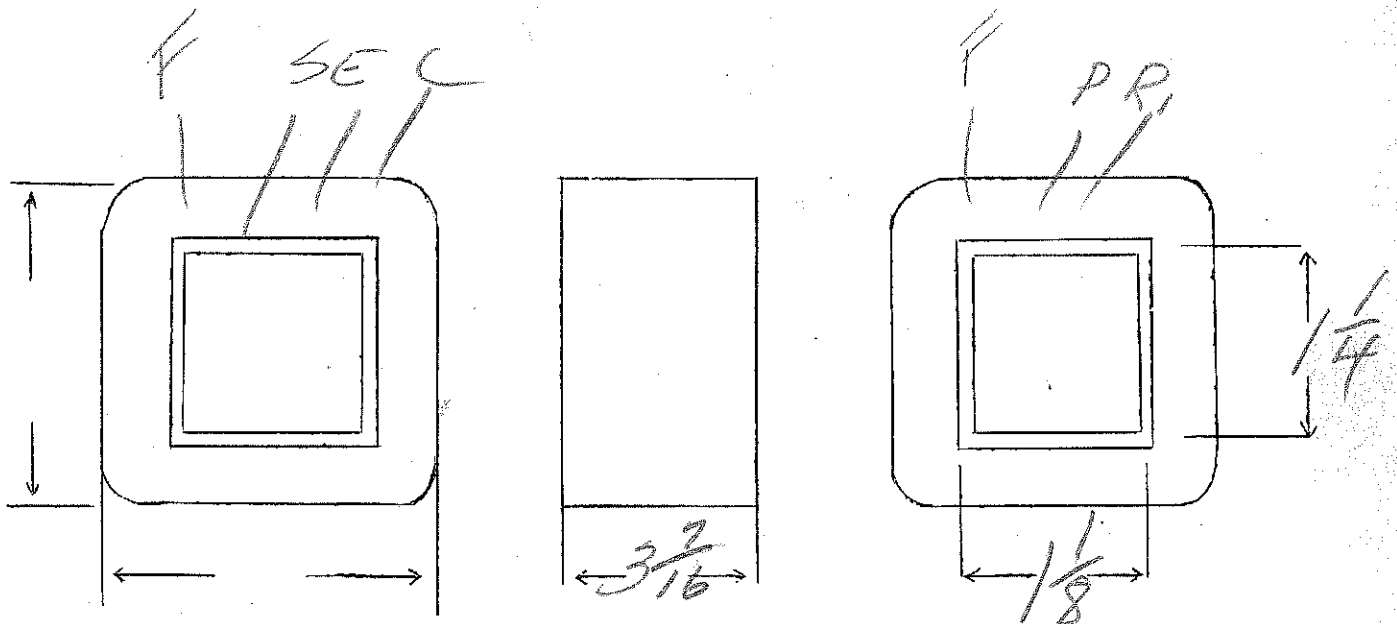
DESIGNED BY *GW*

DATE *1/18/37*

SPEC. NO.

2694 coil

Winding	PRI	SHIELD	SEC	FIL			
Turns	660	110	4500	40			
Taps			2250	20			
Wind. Lgth.	3 ³ / ₁₆						
Wire Size	#22	#22	#33	#20			
T.P.L.	110-6		376-12				
Kind Term.	#20	W.O.	#20				
Term. Lgth.	9"	3"	9"				
Layer Insul.	50#		double 16#				
Test Volt.							
Wrapper	11007VC	11007VC	210056A	210056A			
TUBE	91007				IMPREGNATION	Varnish	
CORE	—				PRIMARY V.A.		
MOUNTING	—						



DESIGNED BY

SW

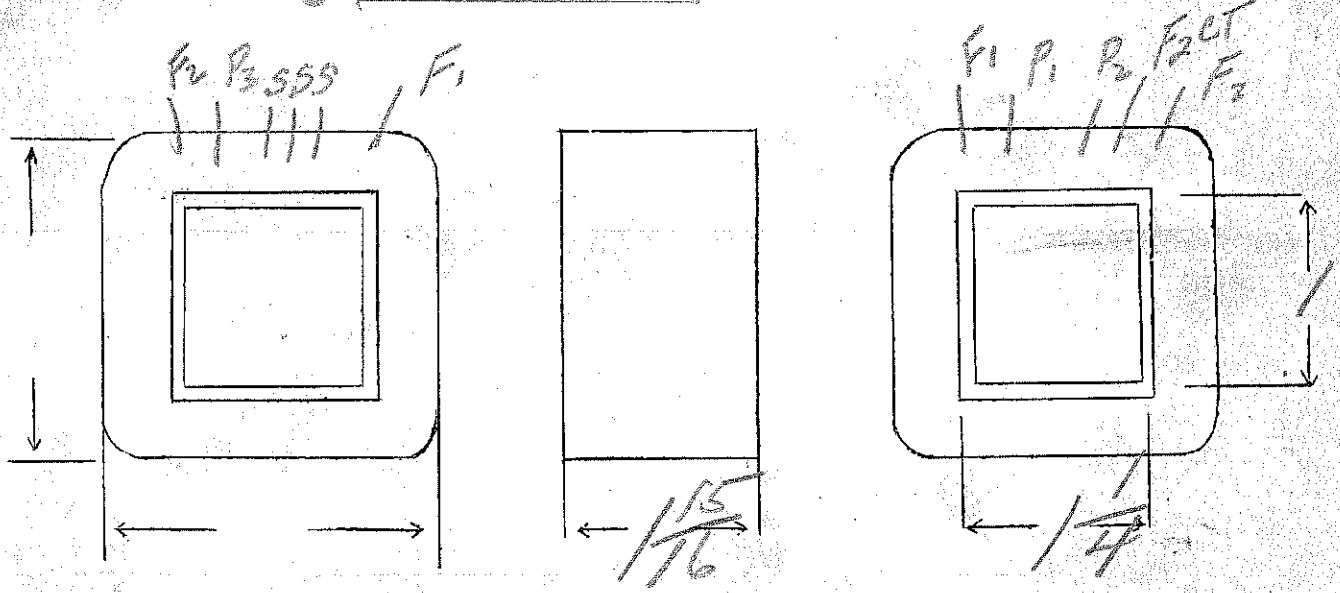
DATE

1/18/37

Ep - 830 - 240V ^{white} _{yellow} ^{white} _{yellow} $E_2 - 6.3VCT - 4amps$
 Es - 100VCT - 100MA
 E_{F1} - 5V - 2amp
 SPEC. NO. 2695-240V

Winding	SEC	SHIELD	PRI	F ₁	F ₂		
Turns	3500	79	1065	24	30		
Taps	1750		1020	-	15		
Wind. Lgth.	1 3/32	✓	✓	✓	✓		
Wire Size	#33	#26	#26	#19	#17		
T.P.L.	145-18		19-14				
Kind Term.	oil brack		WIPE ONLY				
Term. Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1007VC	1007VC	2007GA	2007GA	2007GA		
TUBE	7607			IMPREGNATION		VARNISH	
CORE	1 1/4 x 1				PRIMARY V.A.		
MOUNTING	C						

6.3VCT
 240 CT
 350 CT
 CT -
 350 CT
 52-25



DESIGNED BY SW DATE 6/3/37

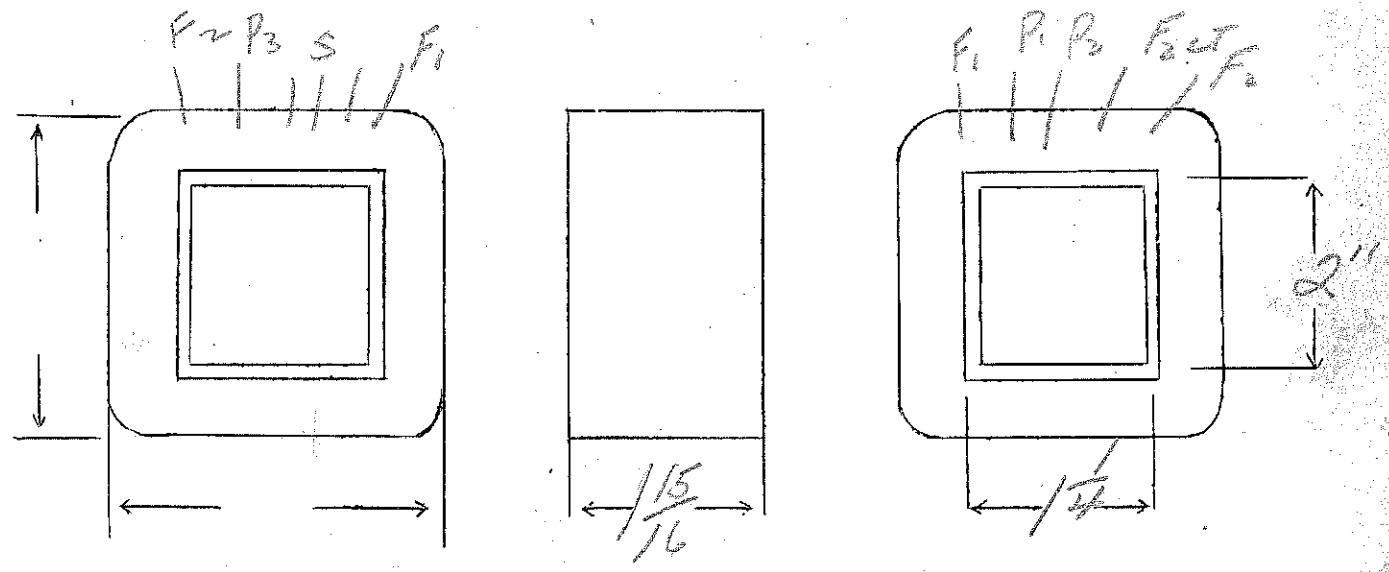
Ep-110-120V. 25~
 Es- 700V CT. - 100Ma

E_{F1}-5V-2a
 E_{F2}-6.3V.CT.-4amps
 433

SPEC. NO. 2695-25~

Winding	SEC	SHIELD	PRI	F ₁	F ₂		
Turns	3500	60	520 477	24	30		
Taps	1750			-	15		
Wind. Lgth.	1.75	1.75	1.75	-	-		
Wire Size	#33	#22	#22	#19	#17		
T.P.L.	195-18		60-9				
Kind Term.	silbr	wire only		✓	✓		
Term. Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	double 16#	-	50#				
Test Volt.							
Wrapper	1007VC	1007VC	210076A	210076A	210076A		
TUBE	7L007			IMPREGNATION		VARNISH	
CORE	1 1/4 x 2"					PRIMARY V.A.	
MOUNTING	C						

same panel as 2695 - mark 25~



DESIGNED BY *grw*

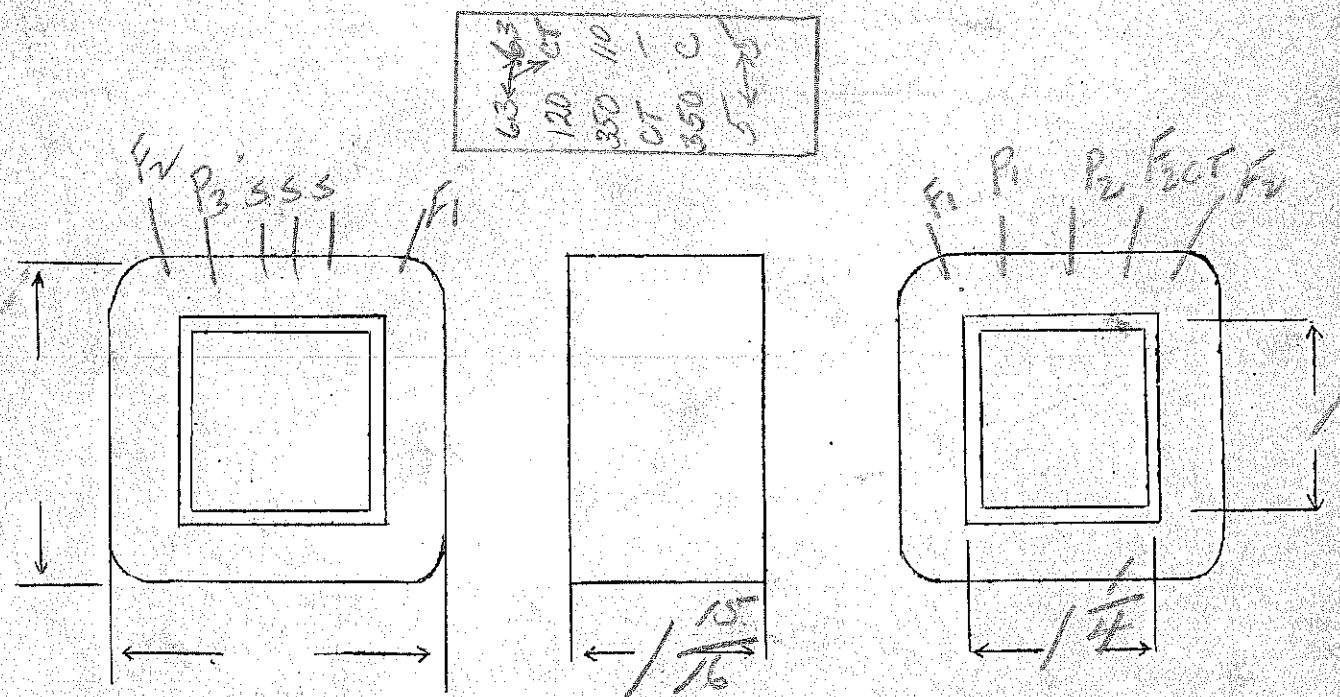
DATE 3/1/37

$E_P - 110 - 120V$ $E_{F_1} - 5V - 2amp$
 $E_S - 700VCT - 100ma$ $E_{F_2} - 6.3V - CT - 4amp$

SPEC. NO. 2695

Winding	SEC	SHIELD	PRI	F ₁	F ₂		
Turns	3500	64	532	24	30		
Taps	1750	—	485	—	15		
Wind. Lgth.	1 $\frac{21}{32}$	1 $\frac{21}{32}$	1 $\frac{21}{32}$				
Wire Size	#33	#23	#23	#19	#17		
T.P.L.	195-18	64	64-9				
Kind Term.	SIL B		WIRE	ON	OFF		
Term. Lgth.	3"	✓	✓	✓	✓		
Layer Insul.	long 16 #		50 #				
Test Volt.	2500		1250				
Wrapper	1007VC	1007VC	20076A	20076A	20076A		

TUBE 7607 IMPREGNATION Varnish
 CORE 1 1/4 x 1 PRIMARY V.A.
 MOUNTING C



DESIGNED BY [Signature] DATE 1/21/37

Ep - 115

750 VA

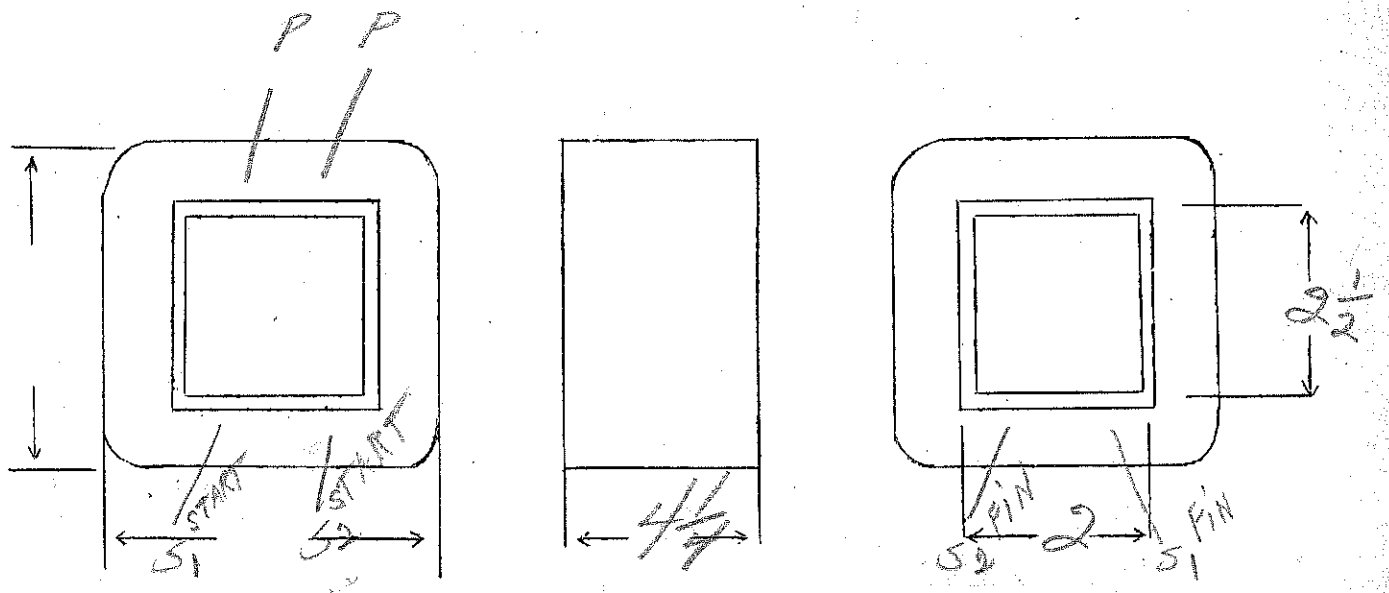
ES - 115 or 230 V. Series parallel

1.35 SPEC. NO. 2696

Winding	PRI	SEC ₁	SEC ₂				
Turns	156	164	164				
Taps	—	—	—				
Wind. Lgth.	3 5/8	—	—				
Wire Size	#11	#15	#15				
T.P.L.	35-5	55-3	55-3				
Kind Term.	WIRE ONLY						
Term. Lgth.	5"	5"	5"				
Layer Insul.	007 KRAFT						
Test Volt.	1250						
Wrapper	3L005GA	3L005GA	3L005GA				
TUBE	9L007			IMPREGNATION	VARNISH		
CORE	2 x 2 1/2			PRIMARY V.A.			
MOUNTING	G						

90
115

80 00
115 115



DESIGNED BY

Geo

DATE

1/22/37

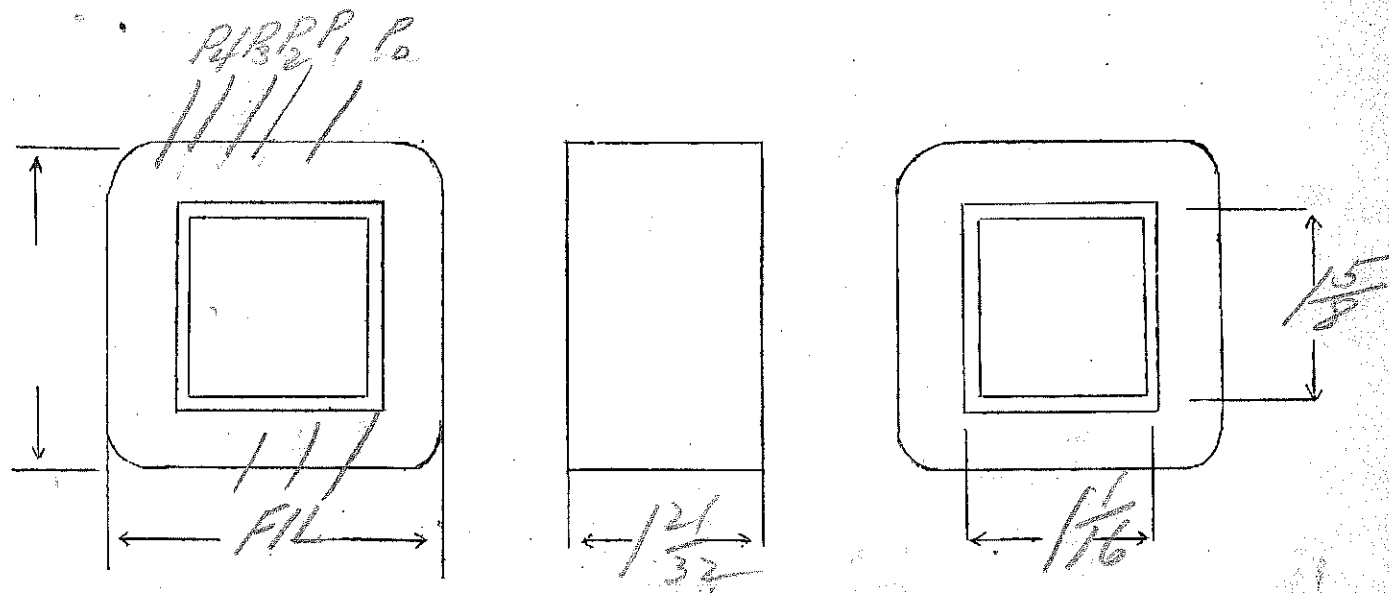
Ep - 110-115-120-125
Et - 11VCT - 8amps

333

SPEC. NO. 2697

Winding	PRI	SEC				
Turns	418	40				
Taps	400 384-368	20				
Wind. Lgth.	1 1/2					
Wire Size	#22	double 16	Tap over stand			
T.P.L.	50					
Kind Term.	WIPE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	50#	-				
Test Volt.	1250	1250				
Wrapper	2L0056A	3L0056A				

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1 1/16 x 1 5/8	PRIMARY V.A.	
MOUNTING	BB		



DESIGNED BY *gww*

DATE *1/19/37*

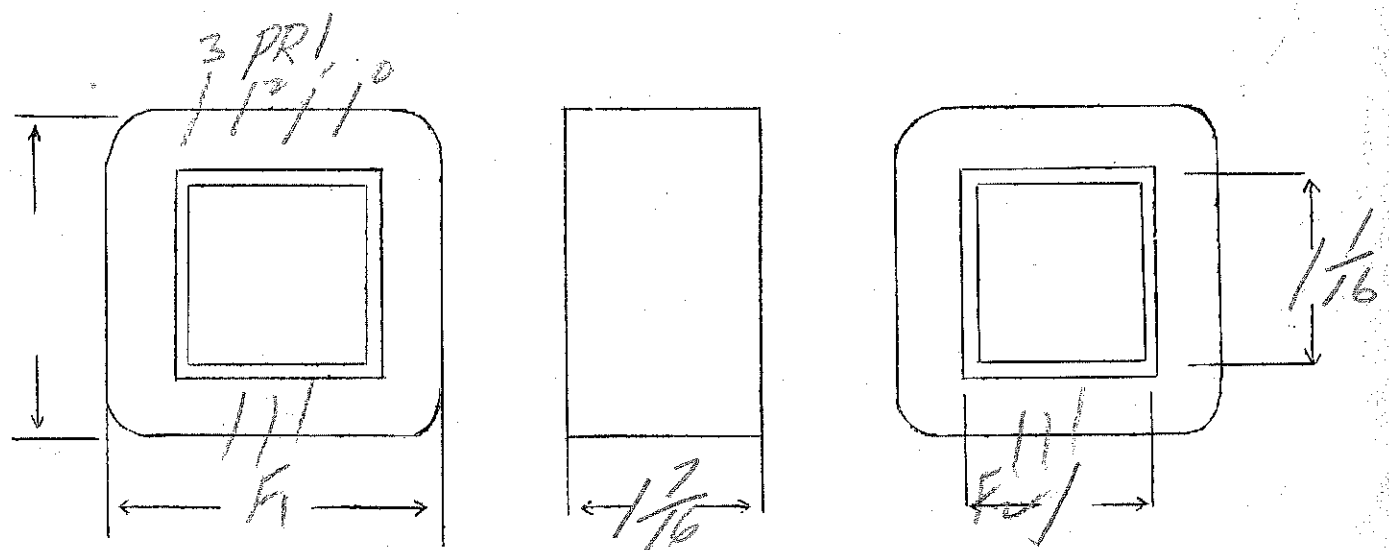
Ep - 115-120-125
 Ef1 - 6.3V CT - 3amp

Ep2 - 5V CT - 3amp

5.45 SPEC. NO. 2699

Winding	PRI	S ₁	S ₂				
Turns	680	31	38				
Taps	655 627	15	19				
Wind. Lgth.	1.25						
Wire Size	#26	#17	#17				
T.P.L.	67						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"	3"	3"				
Layer Insul.	40#						
Test Volt.		2500	2500				
Wrapper	3L005GA	3L006GA	3L005GA				

TUBE	7L007	IMPREGNATION	VARNISH
CORE	1 x 1/16	PRIMARY V.A.	
MOUNTING	BB		



DESIGNED BY *Jen*

DATE 2/12/37