RICHARDS ELECTRO-FENCE

Ep-118

E3 - 300V - 12 ma

see 3560

Ep - 5V - 2amp

separate coil

725

SPEC. NO. 4201

Winding	P		SEC	FIL			
Turns	855		2360	41			
Taps			—	—			
Wind. Lgth.	11/32		3/8				
Wire Size	#31		#39	#21			
T. P. L.	31-28		85-28	42			
Finish							
Type Lead	#22 Collac		Sil Br	w.w.	to lugs		
Lead Lgth.	6"		3"	3"			
Layer Insul.	30#		#16				
Test Volt.							
Wrapper	2L025GA		2L025GA	2L025GA			

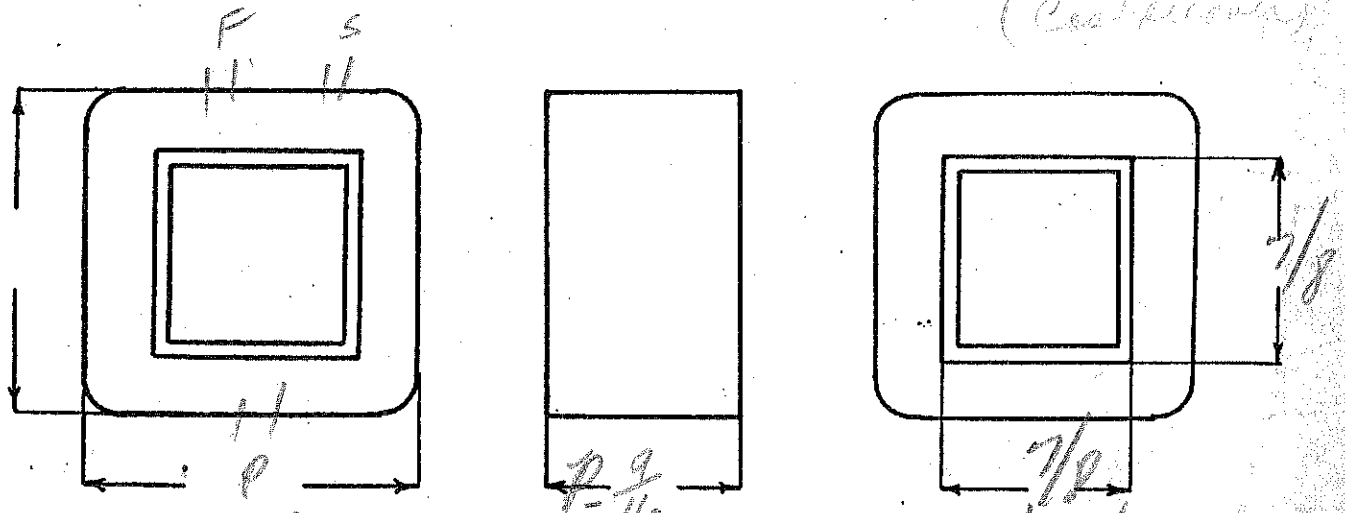
TUBE 6L007 IMPREGNATION VARNISH

CORE GA. 24 GRADE D STACK 2 1/2

MOUNTING D - reverse position of lugs -

stack coils side by side with "D" panels spacer between coils.

(Continuous)



DESIGNED BY GW

DATE 8/31/38

see 36722 GENERAL CONTROLS CO.

230/240

SPEC. NO. 4202

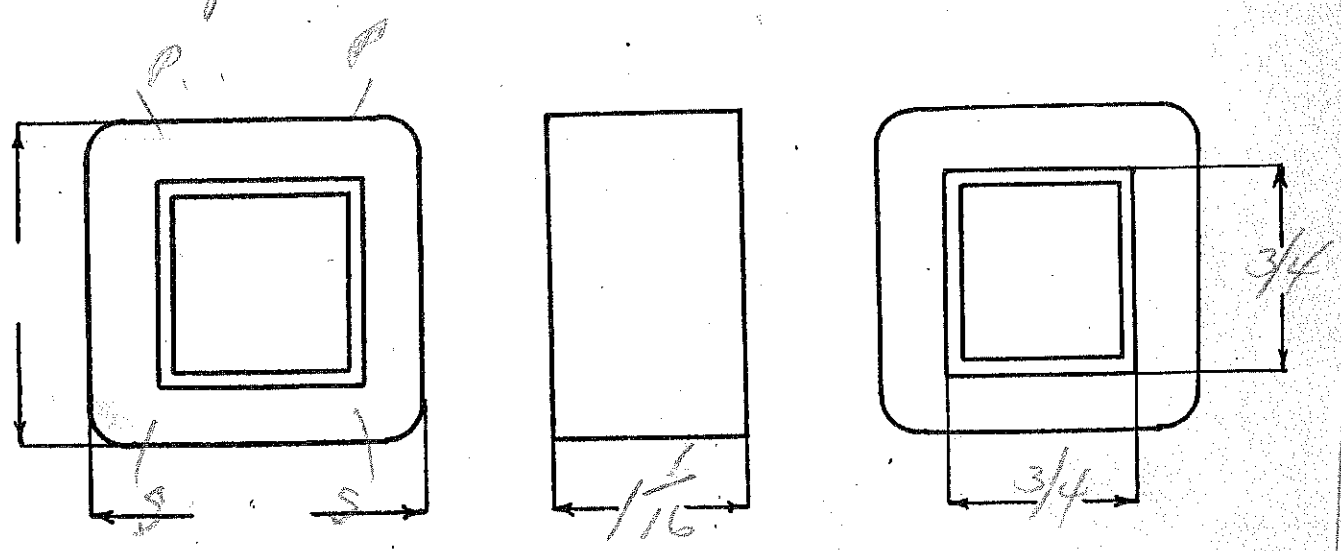
Winding	P	S					
Turns	2300	252					
Taps							
Wind. Lgth.	7/8						
Wire Size	#35	#25					
T. P. L.	128	42					
Finish	Sil Br -	Thru small	cleaning				
Type Lead							
Lead Lgth.	5"	5"					
Layer Insul.	30#	40#					
Test Volt.							
Wrapper	40 MVC	2L005G9				Double	

TUBE 52007 IMPREGNATION varnish

CORE 1 GA. 24 GRADE D - STACK 2x2

MOUNTING D - leads - Concentric Coil

finish in corners



DESIGNED BY

DATE 9/1/38

Eb-230

Es-3500V-46ma - 5½ ma short circuit

m 10ma (12½ ma short circuit with choke in series with filter

SPEC. NO. 4203-230V

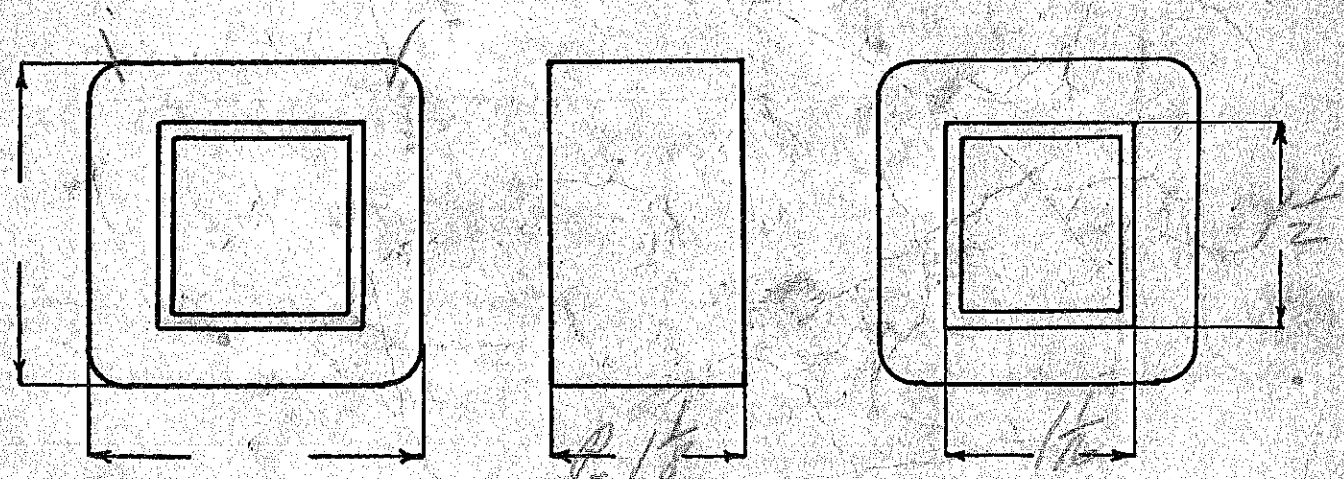
Winding	Separate P		Parallel S				
Turns	850		15000				
Taps							
Wind. Lgth.	15/16		1 3/8				
Wire Size	#24		#36				
T. P. L.	39-22		220-68	Spaced [illegible]			
Finish							
Type Lead	#20 Pure Cu		#18 Litzlac				
Lead Lgth.	12"		12"				
Layer Insul.	50#		Lowtle 16#				
Test. Volt.							
Wrapper	3400 5A		3400 5A 3400 5A			Double [illegible]	

TUBE P-9007, S-9007 H-9005 IMPREGNATION after wrg in [illegible]

CORE Double E GA. 24 GRADE D STACK [illegible] Cat # 4330-[illegible]

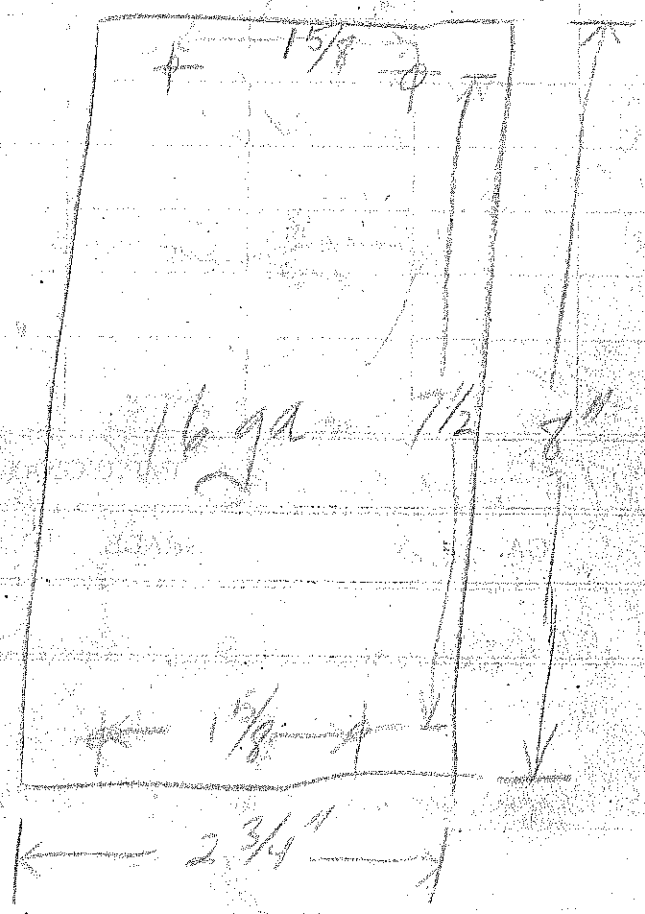
MOUNTING Non bracket mount on special base plate with [illegible] shorts - 1 3/8" - [illegible] with 3" shorts [illegible]

Pre-leadin cover



DESIGNED BY S-1-38 DATE

MOUNT ON SPECIAL PLATE



Choke & transformer to be
bolted to plate, then
entire assembly dipped and
baked in varnish

E. J. Rose Co. See #7737

Ep - 118
Es - 3500 V. - 46 Ma. (56 s.c) - or 12½ Ma. s.c. with #4322 choke in pri must be within ¼ Ma. with 122 Volt pri

SEPARATE COILS

SPEC. NO. 4203

Winding	P		S		Absolute minimum with tube 9½ Ma. Absolute maximum 10 Ma.		
Turns	425		15000				
Taps	-		-				
Wind. Lgth.	15/16		1-3/8				
Wire Size	#21		#36				
T. P. L.	27-16		220-68				
Finish							
Type Lead	#20 Par.		#18 Dulac				
Lead Lgth.	12"		12"				
Layer Insul.	50#		Double 16#				
Test Volt.							
Wrapper	2L.005GA		3L.007VC 3L.005GA				

TUBE	P - 7L.007, S - 9L.007+1L.005VC	IMPREGNATION	Varnish - before and after mounting on plate

CORE Double E GA. 24 GRADE D STACK Butt

MOUNTING Neon Brackets - Mount on special base plate

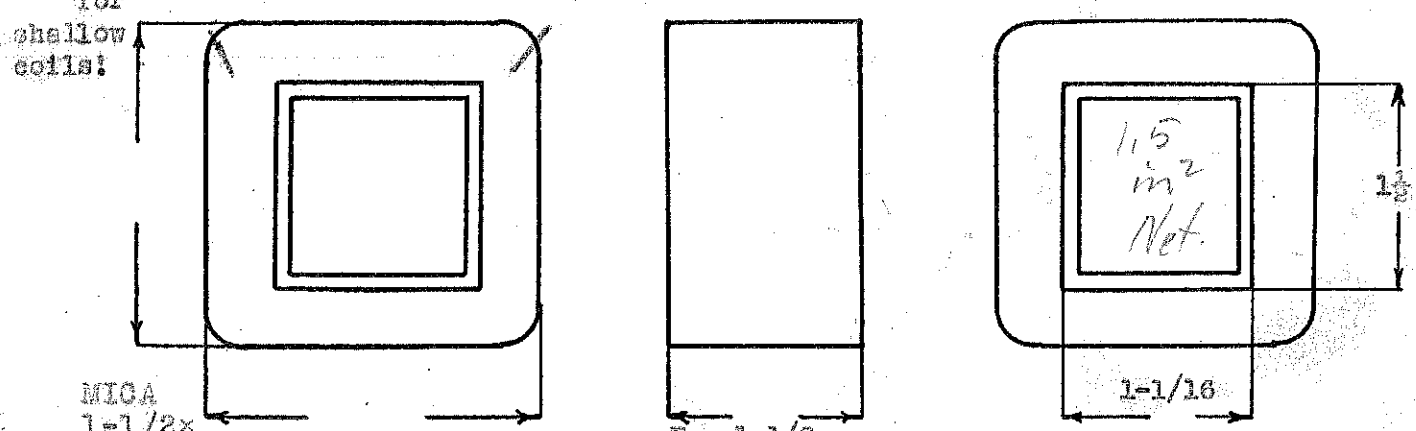
With #4322-D Choke
Co = 395-543
Fe = 69.3 @ 60~
TPV = 3.6

(OVER)

Use shunts 1-3/4" x 5/8"
appx. 12 shunts each side
With .030" Armite gap
Sec VA = 161
Pri VA = 242
Pri I = 2.05 Amp.

λ = 83
cos θ = 80

Keep leads in corners for shallow coils!

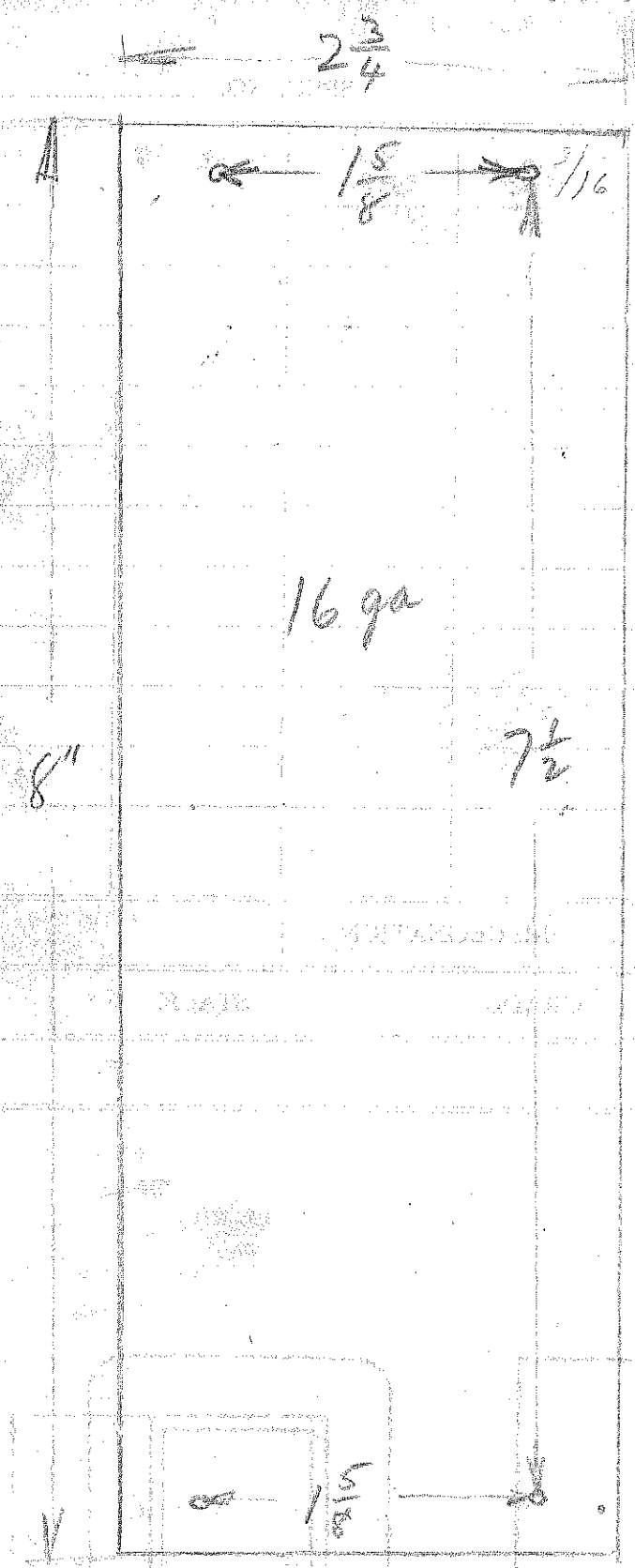


MICA
1-1/2x
2-1/4"

P - 1-1/8
S - 2"

DESIGNED BY GW

DATE



3 1/8"

Choke and transformer to be spotted to plate, then complete assembly dipped and baked in varnish

40¢

P-118
S-700
F-613-
F-5

GENERAL SOUND ENG. CO.

286

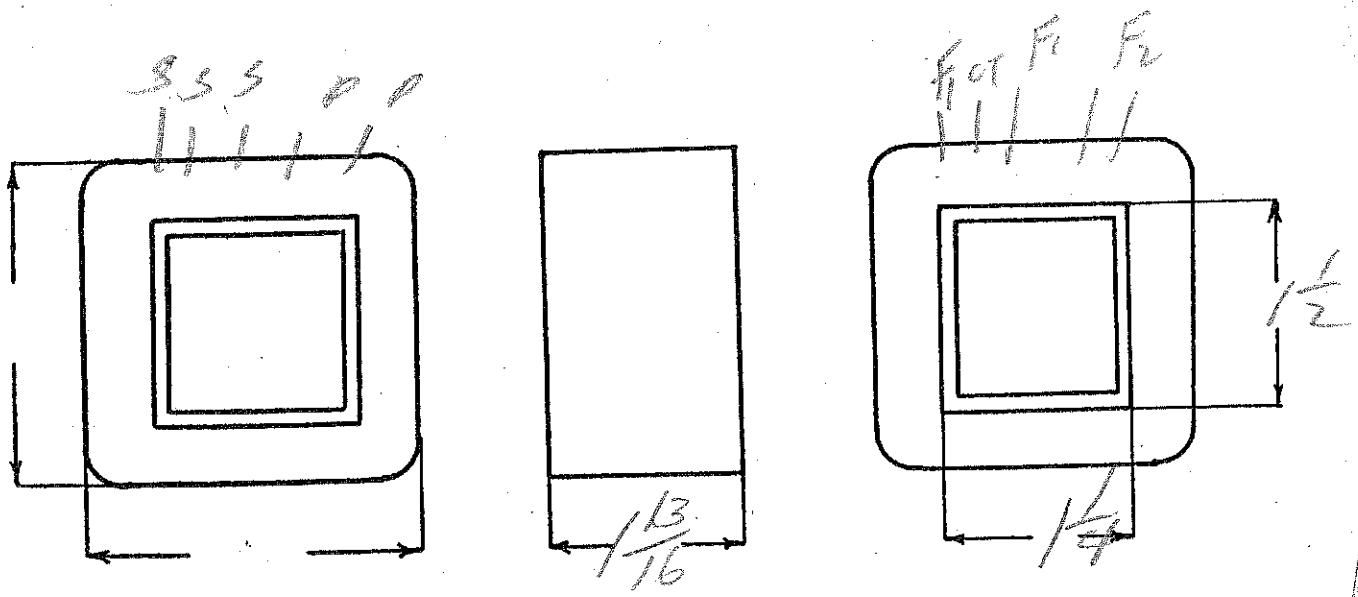
SPEC. NO. 4204

Winding	SEC	SHIELD	PRI	F1	F2		
Turns	2000	143	335	20	16		
Taps	1000			10			
Wind. Lgth.	19/16						
Wire Size	#31	#31	#23	#16	#16		
T. P. L.	143-14		58-6				
Finish							
Type Lead	Sil B.		wire only				
Lead Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	4-16#		50#				
Test Volt.							
Wrapper	Kas 7VC	1400 5VC	2400 7VC		2400 7VC		

TUBE 7607 IMPREGNATION V.

CORE Customer's GA. Aluminum GRADE STACK

MOUNTING C



DESIGNED BY

DATE

EP - 120
ES - 680 (pri) - 85 ma
EF - 5V - 2 amp
EF - 6.3V - 2.6 amps

78
75
6.5
42
42

2 pilot lights

5.1

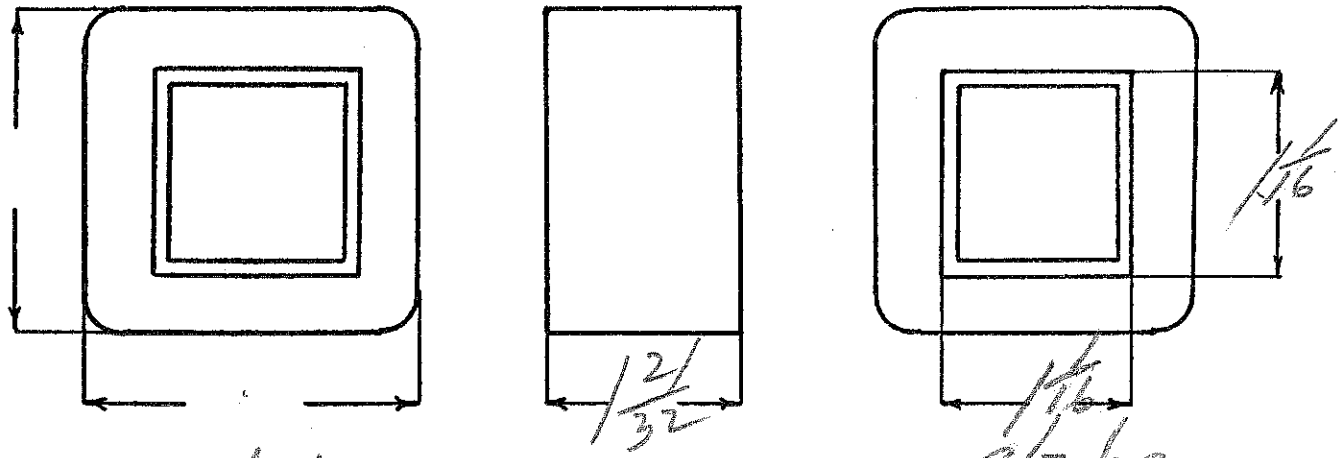
SPEC. NO. 4205

Winding	SEC	SHIELD	PRI	F_1	F_2 black	
Turns	3400		610	28	34 blue	
Taps	1700		—	—	30 white	
Wind. Lgth.	1 15/32					
Wire Size	#34	Shim Stock	#24	#20	#18	
T. P. L.	190-18		61-10			
Finish						
Type Lead	#20 Bn	Silk Bn	#20 Bn	wire only		
Lead Lgth.	9"	3"	9"	9"	9"	
Layer Insul.	Double 16#		50#	—		
Test Volt.						
Wrapper	1400 7VC	1400 5VC	2400 5GA		2400 5GA	

TUBE	7007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING SA



DESIGNED BY [illegible]

DATE 9/3/38

Ep-120
ES- 680V.C.T. - 65ma
EE-5V-2amp
EF- 6.3V-tap 5.5 - 3amp

4.9

SPEC. NO. 4206

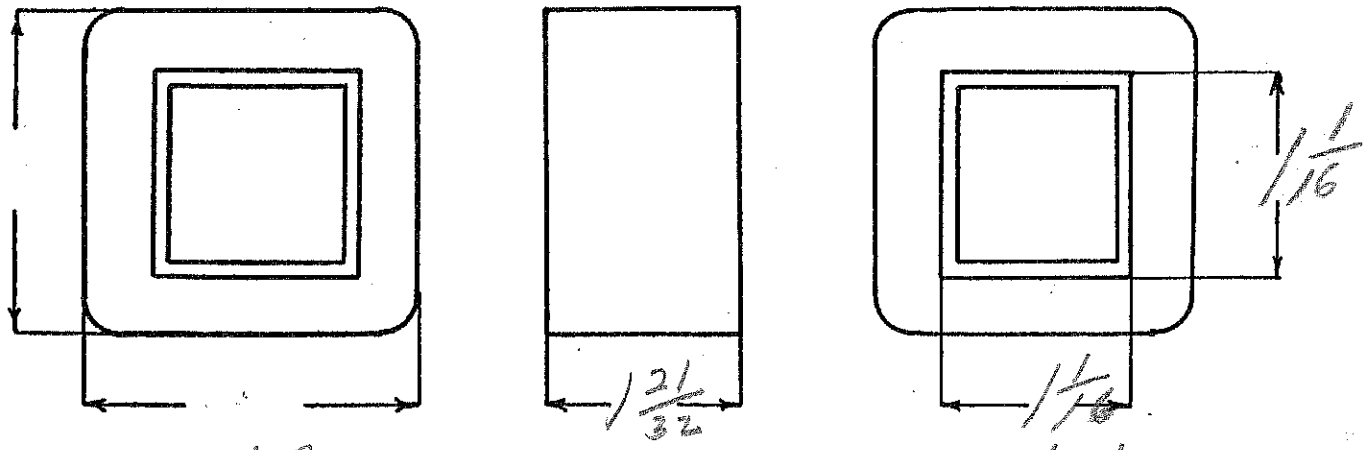
Winding	SEC	SHIELD	PRI	F_1	F_2		
Turns	3360	1	590	27	33		
Taps	1680				29		
Wind. Lgth.	$1\frac{15}{32}$						
Wire Size	#35	SHIM	#24	#20	#18		
T. P. L.	212-16		60-10				
Finish							
Type Lead	#20 Bn		#20 Bn	WIRE OUT			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1L005VC	1L005VC	2L005GA		2L005GA		

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING SA

Cut - as over



DESIGNED BY G. Weaver

DATE 9/6/38

RADIO SUPPLY CO.

1 KW auto transformer
tapped 100 - 105 - 110 - 115 - 120 - 125 - 130
continuous 2,3

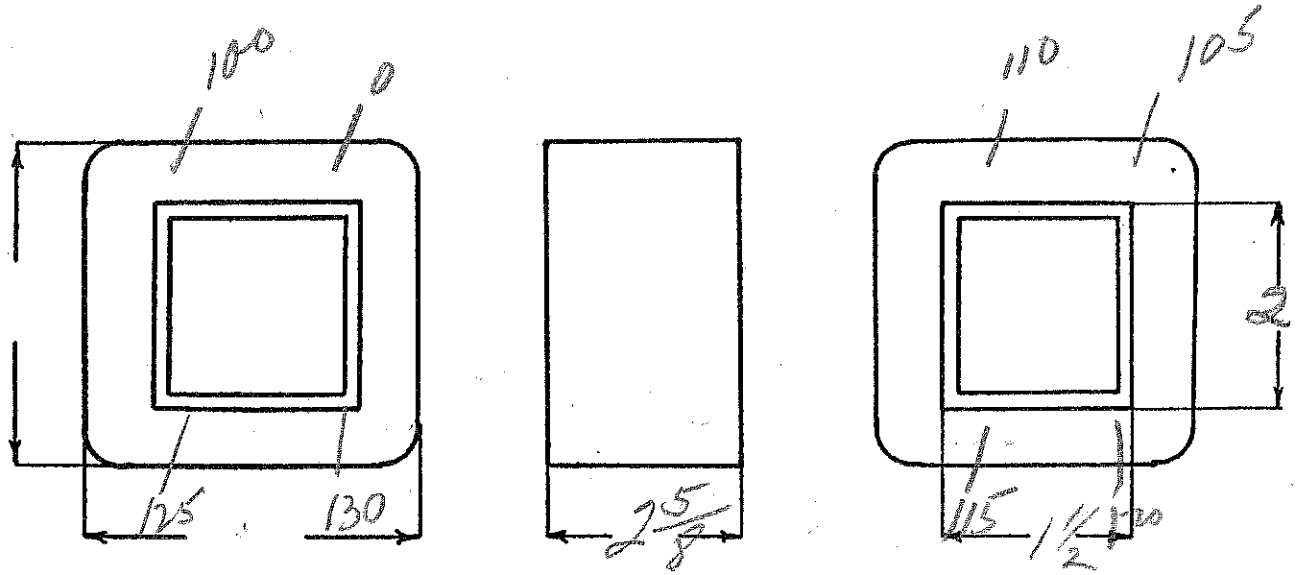
SPEC. NO. 4207

Winding							
Turns	230	74					
Taps		62 - 49 - 35 - 23 - 12					
Wind. Lgth.	2 3/8						
Wire Size	#17	#10					
T. P. L.	52	44					
Finish	Wax O.						
Type Lead	6"	6"					
Lead Lgth.							
Layer Insul.	.007						
Test Volt.							
Wrapper		200564					

TUBE	101007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING G



DESIGNED BY Gw

DATE 9/8/38

E_p – 115 150 V.A DEPT. OF WATER & POWER

E_s – 7V – 20 amp

SPEC. NO. 4208

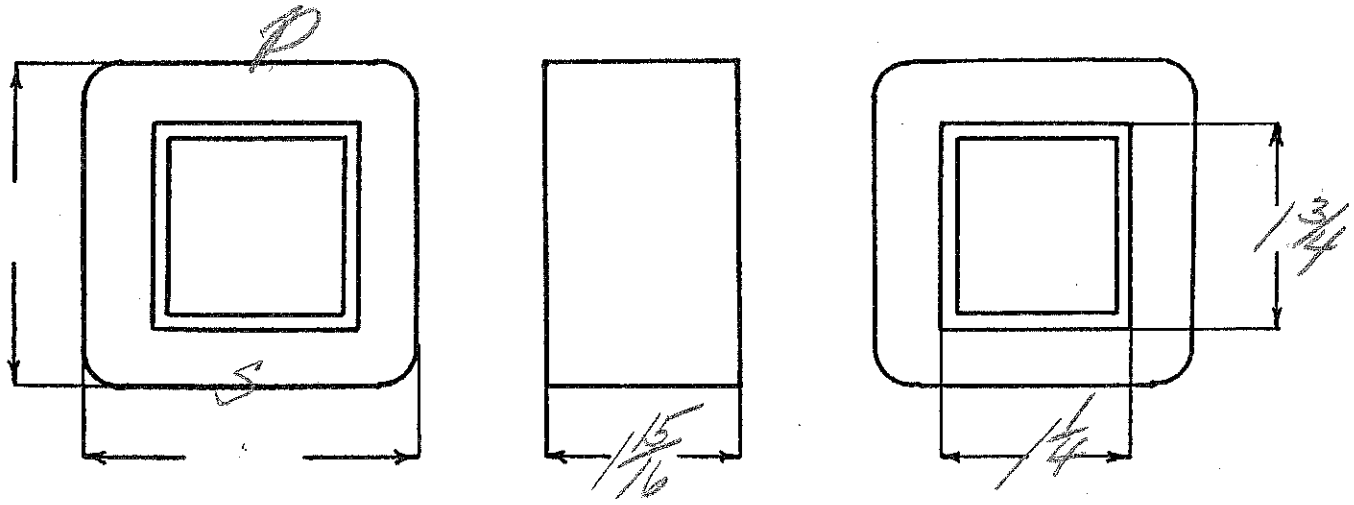
29

Winding	P	S					
Turns	340	22					
Taps	—	—					
Wind. Lgth.	1.75						
Wire Size	#21	#9					
T. P. L.	7L	2C					
Finish							
Type Lead	#14 Mylar Cable						
Lead Lgth.	12"	12"					
Layer Insul.	.005						
Test Volt.							
Wrapper	2400 TGA	2400 TGA					

TUBE	7007	IMPREGNATION	V.

CORE	GA.	GRADE	STACK

MOUNTING S



DESIGNED BY DATE

Ep - 115
E3 - 600VCT - 100 ma
FE - 5V - 2 amp

E2 - 6.3V - 1 amp

48 ac 4436

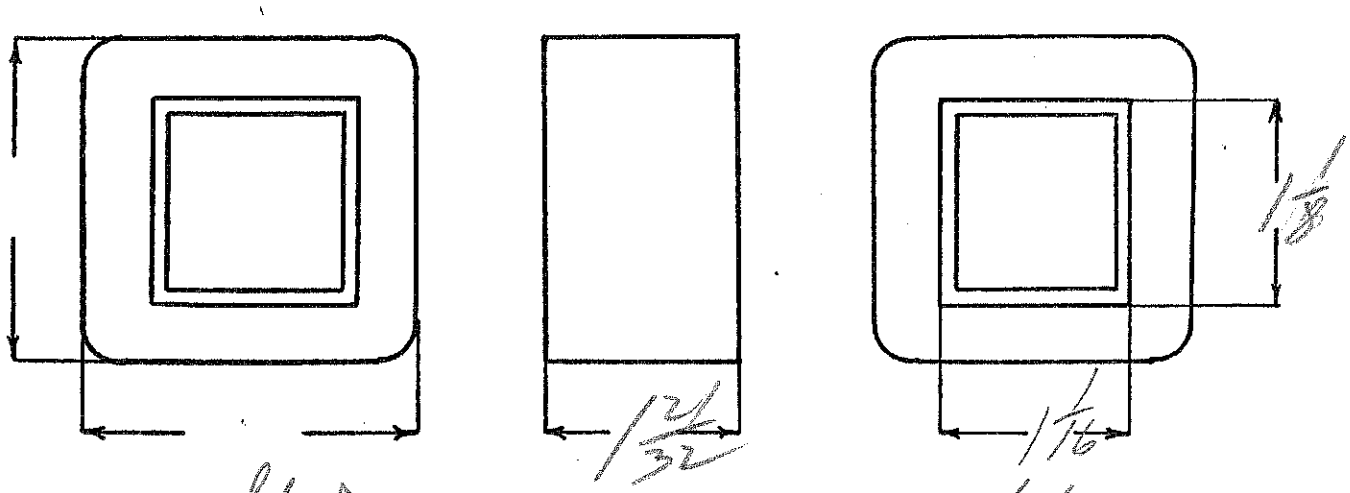
SPEC. NO. 4209

Winding	SEC	SH.	P	F1	F2		
Turns	3100	172	558	27	34		
Taps	1550			—	17		
Wind. Lgth.	1 15/32						
Wire Size	#33	#33	#24	#20	#20		
T. P. L.	172-18		62-9				
Finish							
Type Lead	#20 PB		#20 PB	WIRE ONLY			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1600 VC	1600 VC	2400 SGA	—	2400 SGA		

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A



DESIGNED BY Gur

DATE 9/9/38

EDWARD RICK

ES - 2000V - 32 ma - 365c

Ep - 120V

Separate Coils 4.8

SPEC. NO. 4210

Winding	P		S				
Turns	575		10,350				
Taps							
Wind. Lgth.	7/8		1 1/16				
Wire Size	#24		#37				
T. P. L.	36 - 16		142 - 54				
Finish							
Type Lead	#20 DCC		#20 Quiac				
Lead Lgth.	8"		8" double 16"				
Layer Insul.	50#.						
Test Volt.							
Wrapper	2405GA		2400TVC 2405GA				

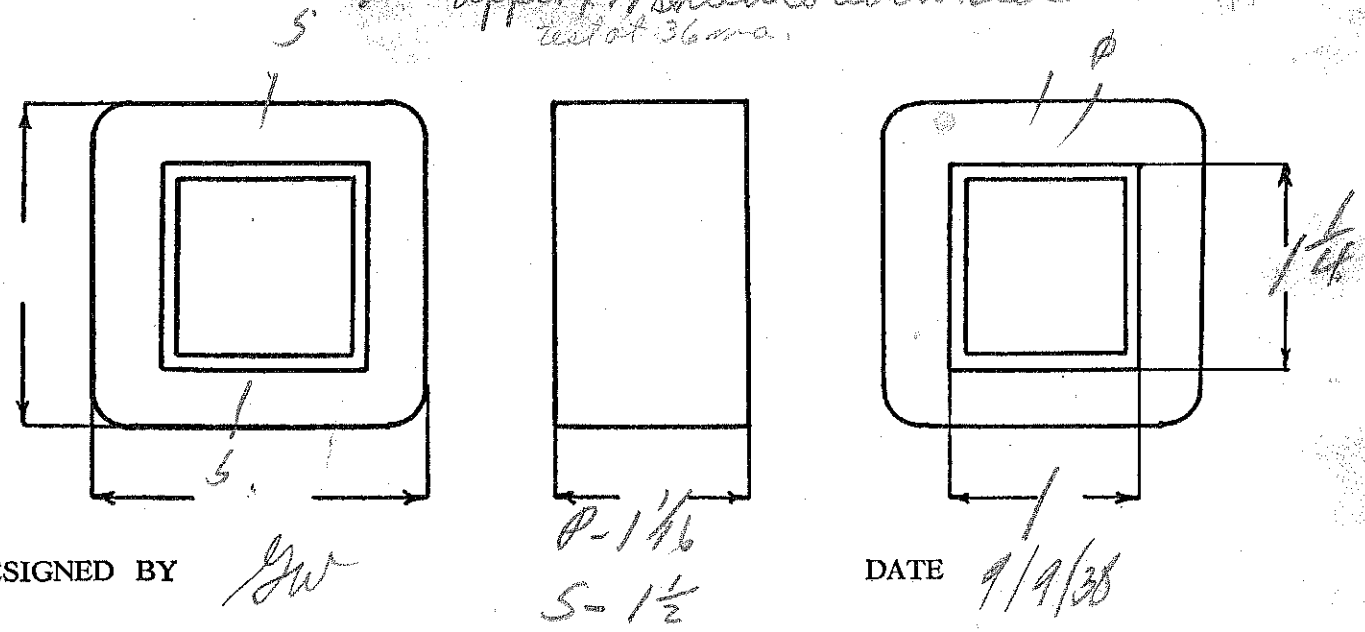
TUBE 7007 + 1400TVC on sec IMPREGNATION Varnish - Immersion

CORE Double GA. 24 GRADE STACK

MOUNTING mica brackets

Mica - 1 3/8 x 1 7/16

for shunts - 1 15/16 x .48" - 29 Gage
approx 17 shunts each side. 210 amperes
test at 36 ma.



DESIGNED BY GW DATE 9/9/38

Ep – 110-115-120
ES – 700VCT – 25ma
EF – 10VCT – 1.6 amp
EF – 5V – 2amp

RADIO – TELEVISION SUPPLY CO.

Bro/Lowell
Jr. 811

5,3

SPEC. NO. 4211

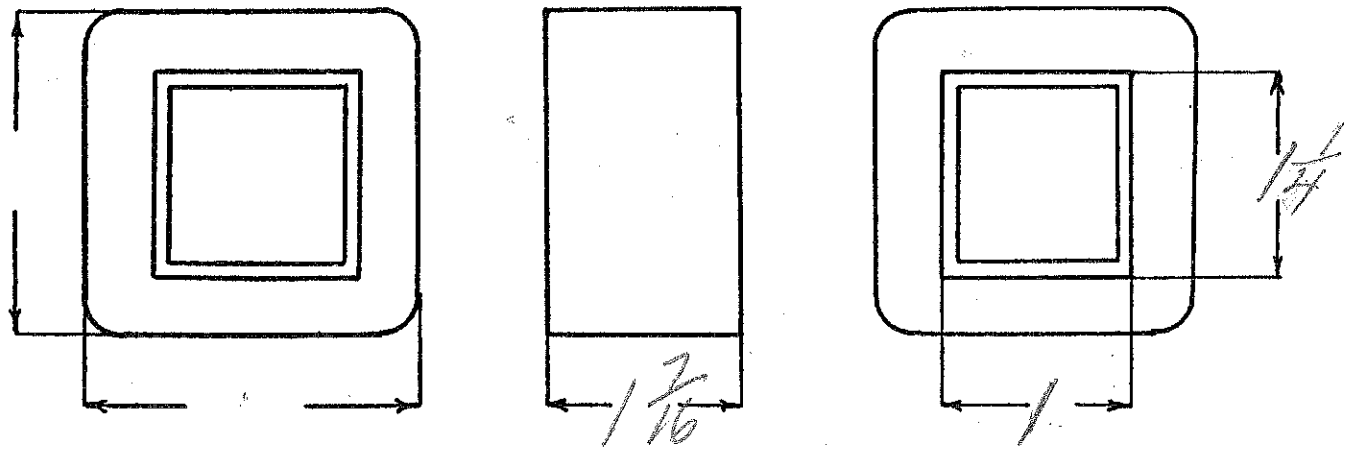
Winding	SEC	SHIELD	PRI	F1 green	F2 white		
Turns	4000	1	635 610 582	30	60		
Taps	2000						
Wind. Lgth.	1.25						
Wire Size	#38	Shim	#27	#20	#23		
T. P. L.	250-16		73-10				
Finish							
Type Lead	#20 DAP		#20 DAP	wire only			
Lead Lgth.	9"		9"	9"	9"		
Layer Insul.	Cambric 16#		40#				
Test Volt.							
Wrapper	1600VC 3L 2L	1600VC	2600VC		2600VC		

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A

W brite
Black
Yellow
Brown



DESIGNED BY

DATE

Ep-105-115-125 ERPI-54177

Es-84VCT-

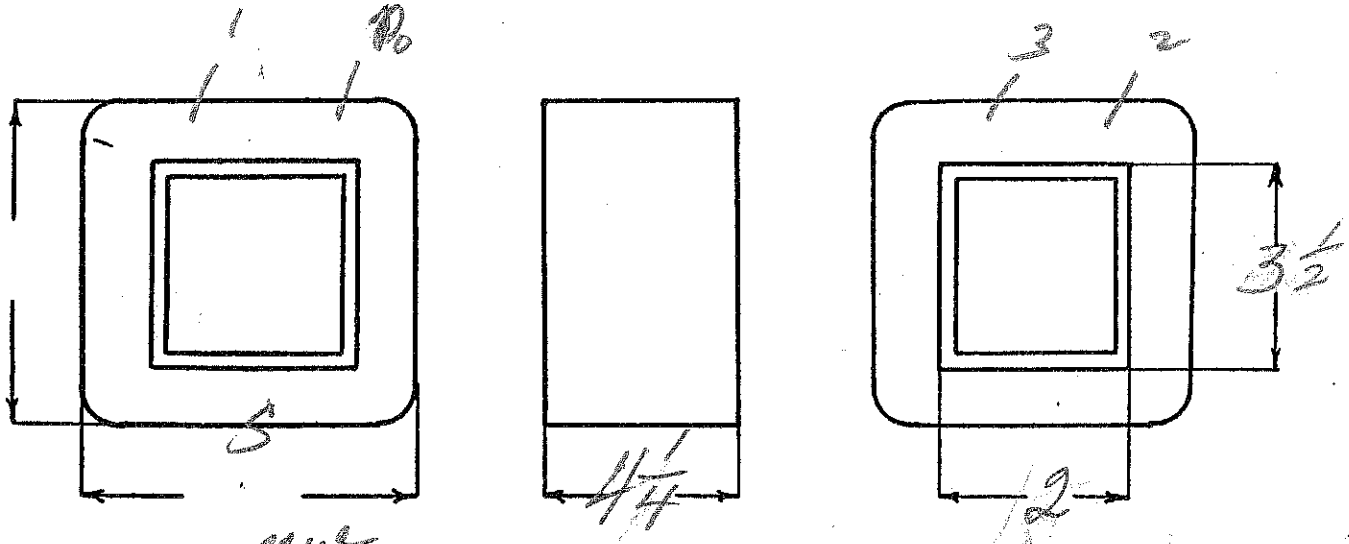
184 SPEC. NO. 4212

Winding	P		S				
Turns	230		168				
Taps	210-190		84				
Wind. Lgth.	4"						
Wire Size	#14		double #12				
T. P. L.	53-5		8L				
Finish							
Type Lead	WIRE ONLY						
Lead Lgth.	6"		6"				
Layer Insul.	007K						
Test Volt.							
Wrapper	3L005GA		3L005GA				

TUBE	10L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING G — Stud Bolts



DESIGNED BY DATE

ERPI - ASP54178

SPEC. NO. 4213

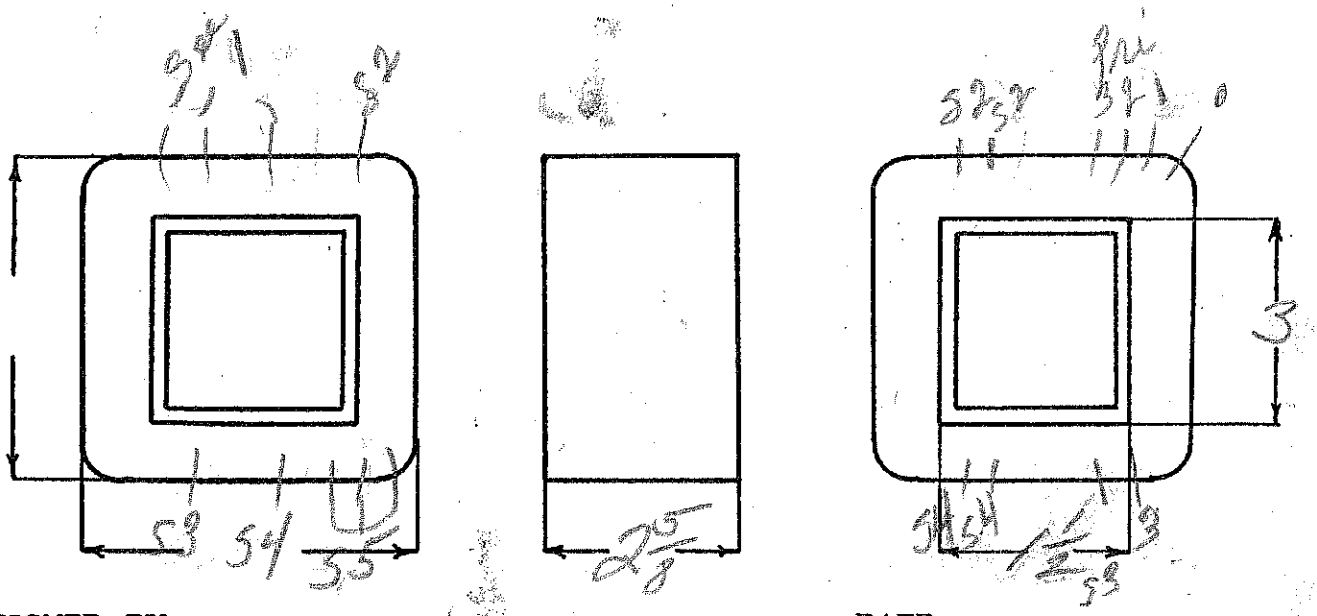
2.2

Winding	SEC. 1	SEC. 2	SHIELD	PRI	S3	S4	S5
Turns	440	308	220	275	12	12	6
Taps	220	154	—	253 231	6	6	3
Wind. Lgth.	2 1/4						
Wire Size	#32	#32	#32	#18	3 strands #11	#17	#15
T. P. L.	220-2	220-2					
Finish							
Type Lead	Sil Bn.			wire	only		
Lead Lgth.	4"	—	—	—	—	—	—
Layer Insul.	34 50H	34 50H		.007K			
Test Volt.							
Wrapper	1400 VC	1400 VC	2400 SGA	2400 SGA			3000 SGA

TUBE	106007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING F



DESIGNED BY

DATE

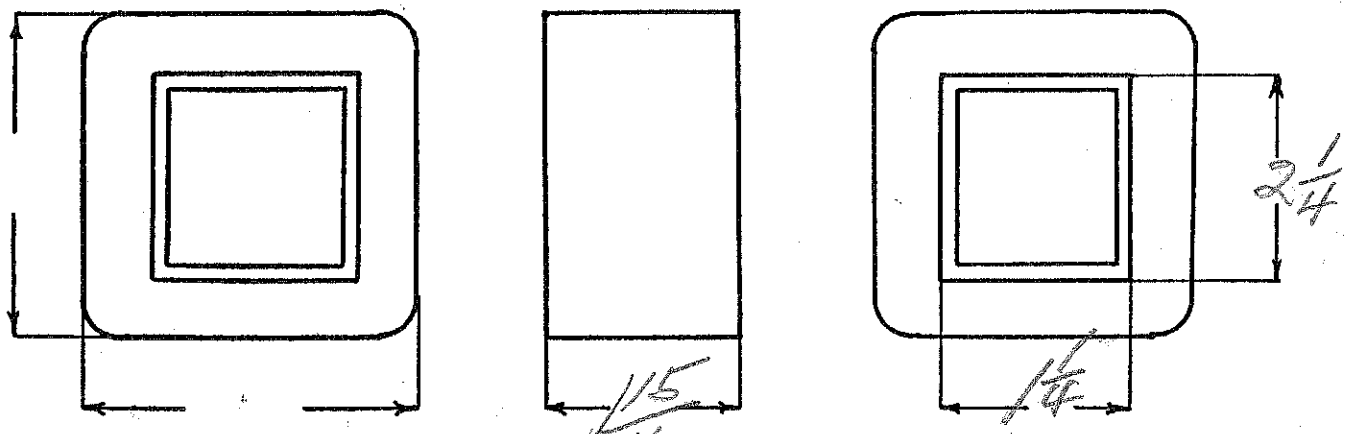
Ep - 110/120 KAHK to supply 110V, 76 watts using
Es - 300V.C.T — 700 ma 3 - 83 in parallel - 16 mfd filter
Ef - 5V - 9 amp 2.2 SPEC. NO. 4214

Winding	SEC	PRI	FIL				
Turns	740	263	12				
Taps	370	242					
Wind. Lgth.	1.25						
Wire Size	#24	#20	double #15				
T. P. L.	74-10	6L	1L				
Finish	#20 Beeswax		W.O.				
Type Lead							
Lead Lgth.	9"	9"	9"				
Layer Insul.	50#	double 50#					
Test Volt.							
Wrapper	2400 7GA	2400 7GA	2400 7GA				

TUBE	7A007	IMPREGNATION	varnish

CORE	GA.	GRADE	STACK

MOUNTING A



DESIGNED BY [signature] DATE 9/17/38

ADVANCE ELECTRIC CO.

Eb-115
Es- 6V- 1/2 amp

NE-155

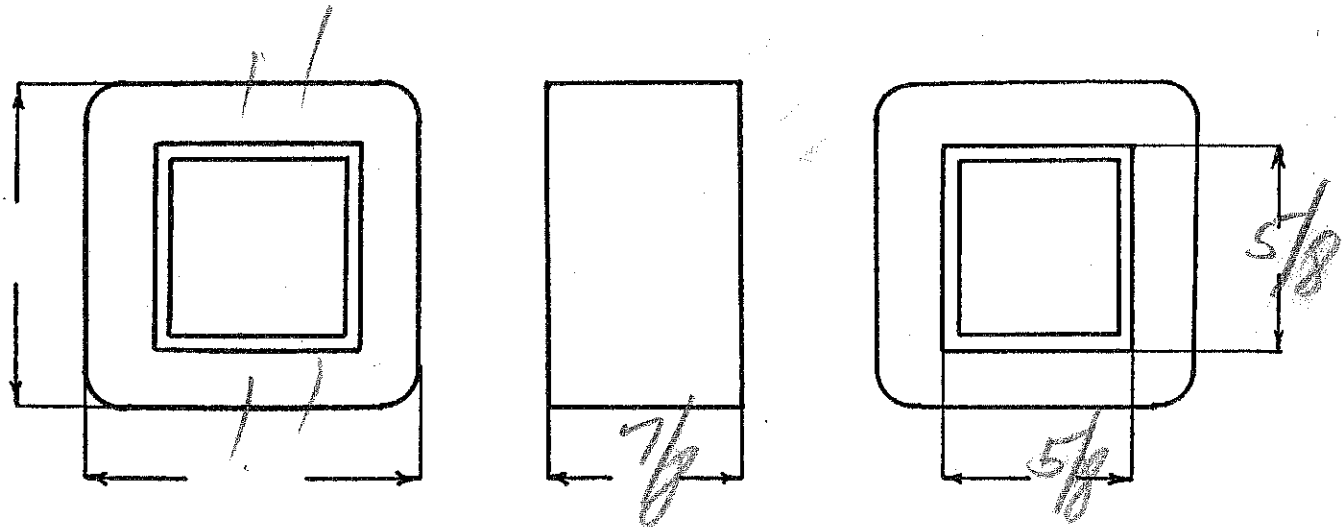
SPEC. NO. 4215

Winding	P	S					
Turns	1800	110					
Taps							
Wind. Lgth.	3/4						
Wire Size	#35	#23					
T. P. L.	10-16	28-4					
Finish							
Type Lead	sol	br W.O					
Lead Lgth.	3"	3					
Layer Insul.	30#	50#					
Test Volt.							
Wrapper	2W05GA	1W05GA					

TUBE	4W07	IMPREGNATION	varnish

CORE GA. 24 GRADE D STACK 2x2

MOUNTING D



DESIGNED BY

DATE

Ep-115V-

Es-5V-3amp

RADIO EQUIPMENT 4231

75

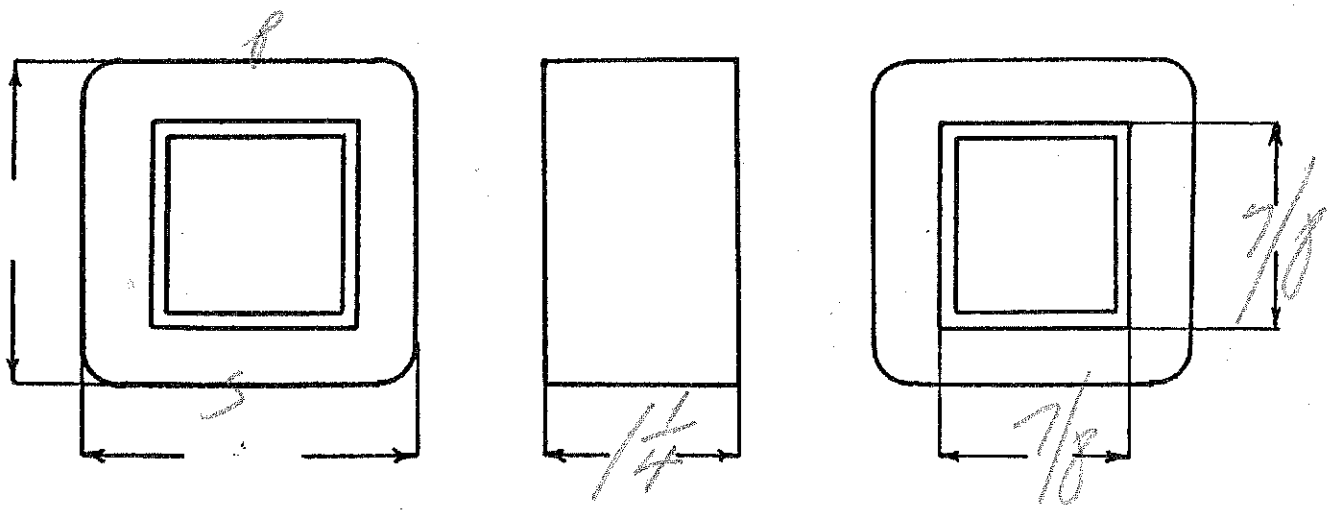
SPEC. NO. 4216

Winding	P	S					
Turns	865	43					
Taps							
Wind. Lgth.	1 1/16						
Wire Size	#30	#18					
T. P. L.	88-10						
Finish	Silk	w.o.					
Type Lead							
Lead Lgth.	3"	3"					
Layer Insul.	30#						
Test Volt.							
Wrapper	2400SGA	3400SGA					

TUBE	52007	IMPREGNATION	varnish

CORE	GA.	GRADE	STACK

MOUNTING E



DESIGNED BY

DATE

RADIO EQUIPMENT (DIST)

Sb-115
ES-6BV6T to deliver 330V-75ma .523

SPEC. NO. 4217

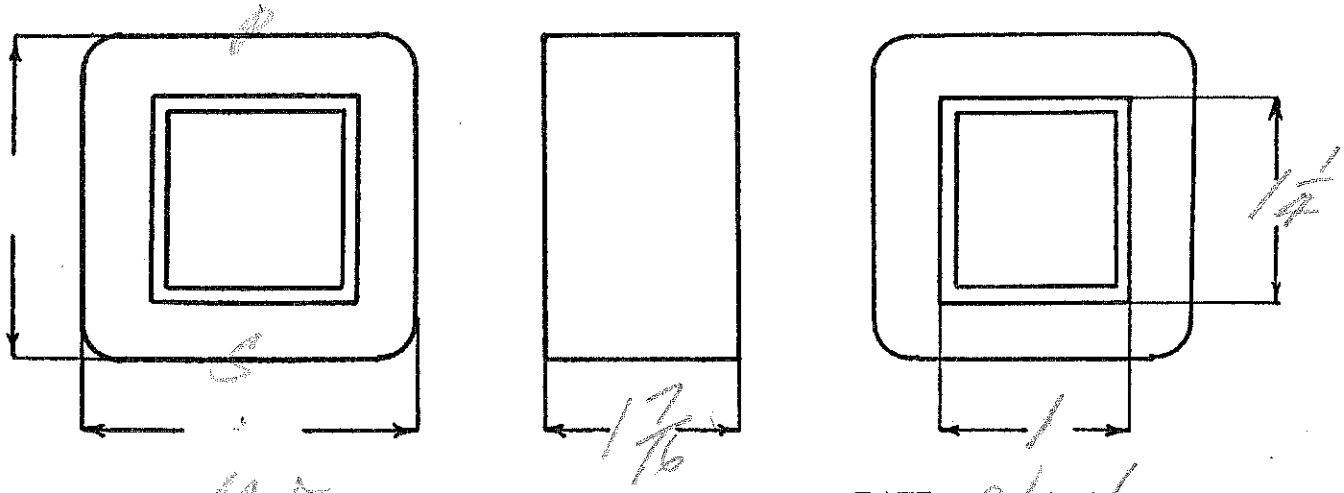
455

Winding	SEC	SHIELD	PRI				
Turns	2900	73	550				
Taps	1450						
Wind. Lgth.	1.25						
Wire Size	#34	#27	#27				
T. P. L.	16/-18		73-8				
Finish		W.O					
Type Lead	#20	Pan Board					
Lead Lgth.	9"	3"	9"				
Layer Insul.	Cloth 16#		50#				
Test Volt.							
Wrapper	1400WC	1400WC	2400SCA				

TUBE 6L6GT | IMPREGNATION Varnish

CORE GA. GRADE STACK

MOUNTING F



DESIGNED BY Gw

DATE 9/15/38

Ep-230
Es - 24V - 25VA. Chime transformer

SPEC. NO. 4218

Winding	P	S					
Turns	1520	123					
Taps		115					
Wind. Lgth.	1 1/16						
Wire Size	#32	#23					
T. P. L.							
Finish							
Type Lead	Sil Br	#16 Pan Br					
Lead Lgth.	3"	10"					
Layer Insul.	30#						
Test Volt.							
Wrapper	240056A	240058A					

Finish in electrical test

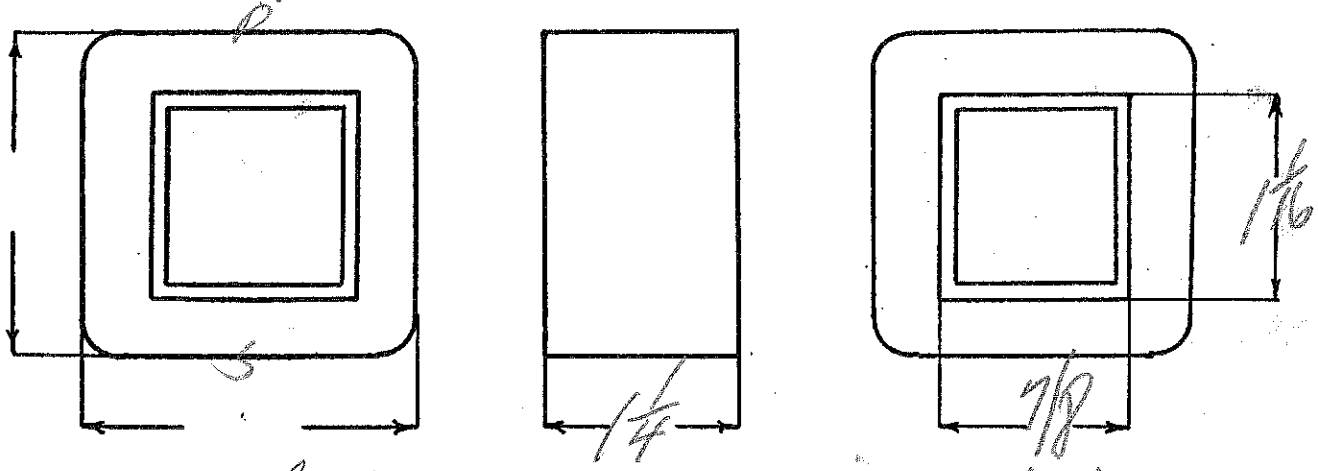
Black — 10" Start
Red — 8" tap
White — 10" finish

TUBE	74007	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING S- *Pri leads out bottom - sec out side
P-one black, one white # of motor cable

Stamp pri- 230V
Stamp sec - with rubber stamp- color code



DESIGNED BY GW DATE 9/09/38

MEDICO ELECTRIC LABS.

E_B - 1KS
E_S - 1400V - 300 ma
E_F - 10VCT - 4amp

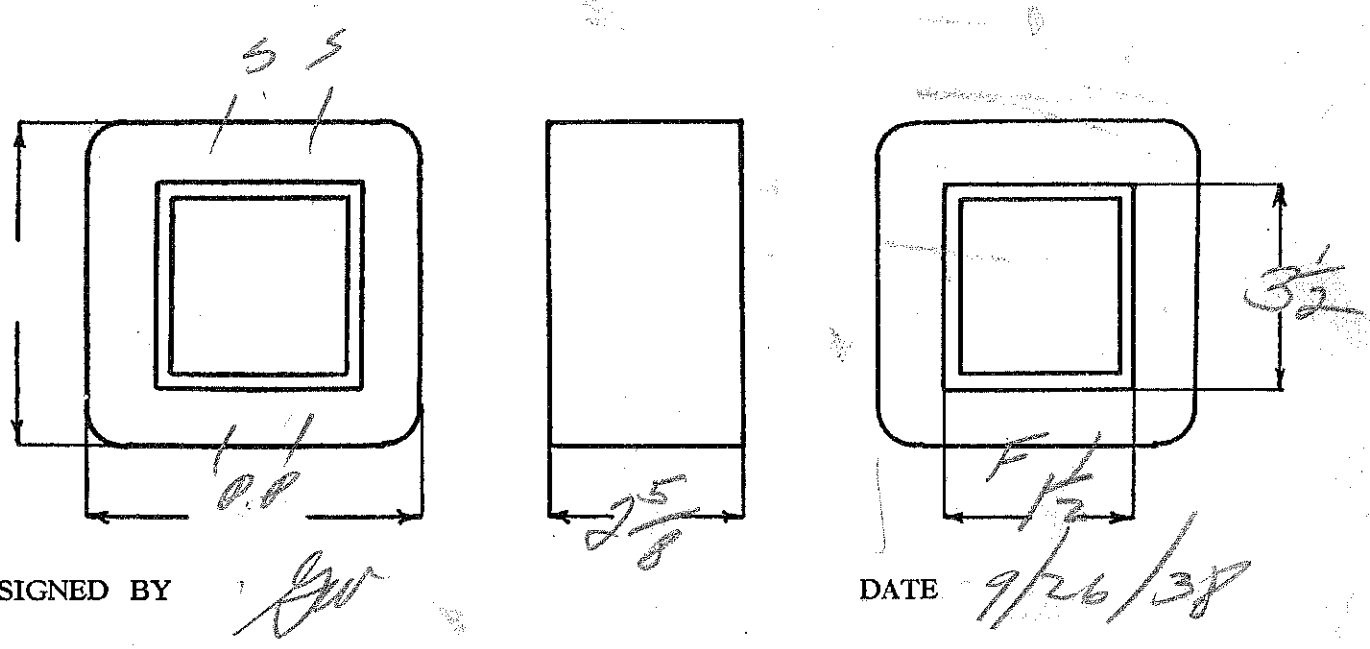
SPEC. NO. 4219

Winding	SEC		PRI		FIL		
Turns	1770		135		13		
Taps	—		—		6 1/2		
Wind. Lgth.	2 1/4				double		
Wire Size	#26		#14		#17		
T. P. L.	117-15						
Finish							
Type Lead	W.O.		W.O.		W.O.		
Lead Lgth.	4"		4"		4"		
Layer Insul.	d 40#						
Test Volt.							
Wrapper	3400 7VC 2400 5GA		3400 5GA		2400 5GA		

TUBE		IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING Unused - sects bakelite strips
Pri & fil. to lugs



DESIGNED BY Gw

DATE 9/26/38

ee 352P

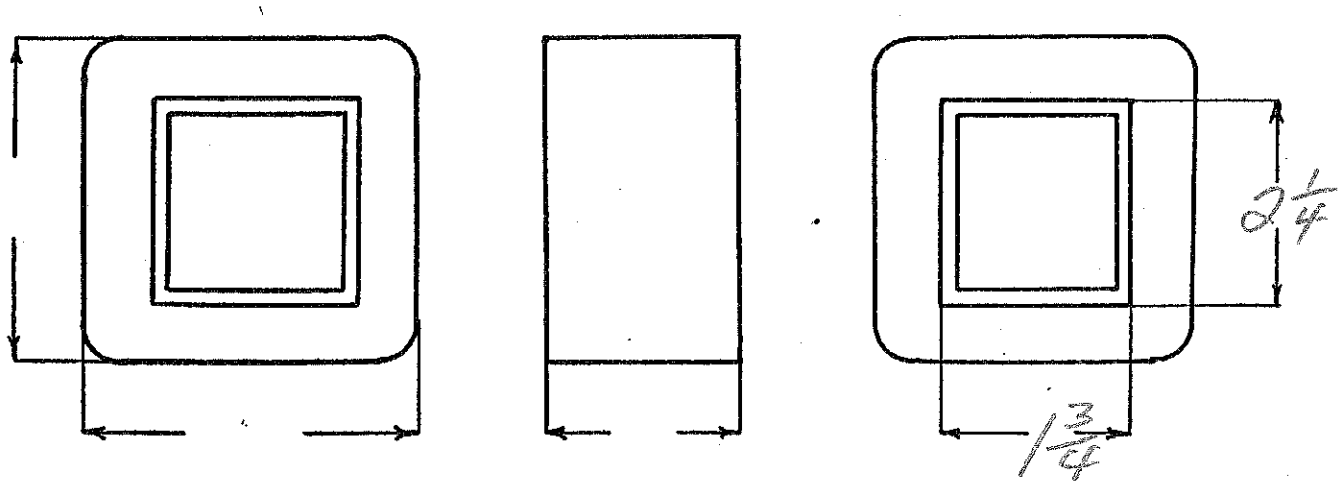
SPEC. NO. 4220

Winding							
Turns							
Taps							
Wind. Lgth.							
Wire Size							
T. P. L.							
Finish							
Type Lead							
Lead Lgth.							
Layer Insul.							
Test Volt.							
Wrapper							

TUBE		IMPREGNATION	

CORE GA. GRADE STACK

MOUNTING



DESIGNED BY DATE

EP - 115/230 V

ES - 3500 VCT - 500 ma

1.26

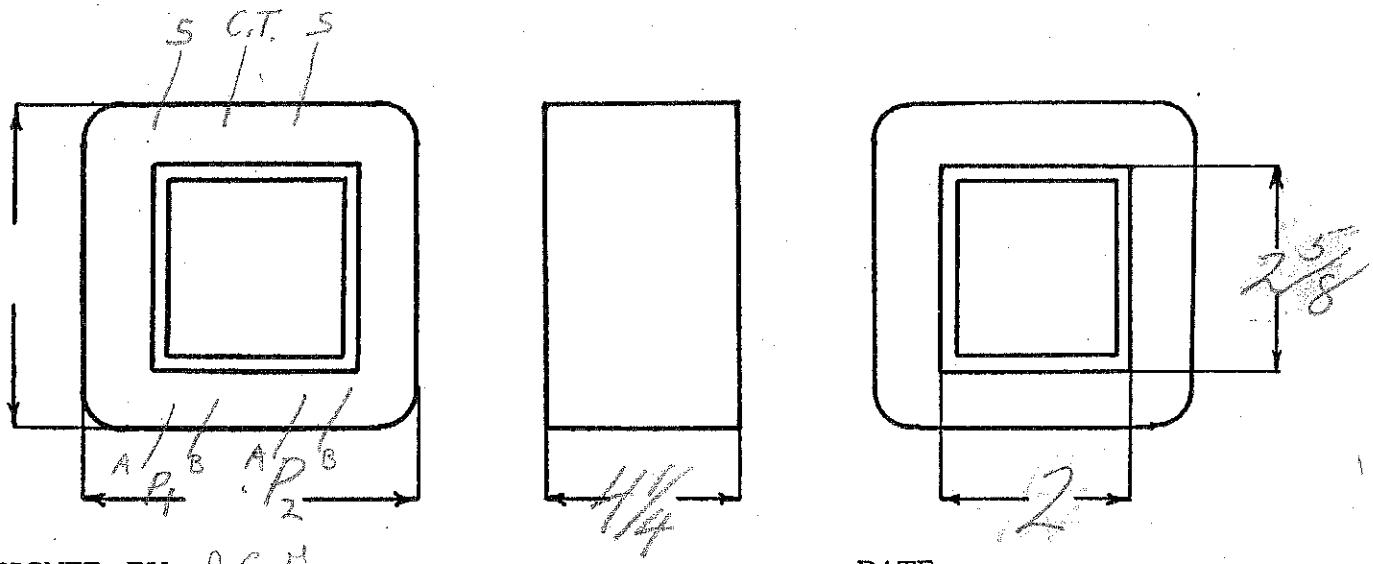
SPEC. NO. 4221

Winding	Sec	Pri	Pri				
Turns	4650	145	145				
Taps	2325	—	—				
Wind. Lgth.	3 3/4	—	—				
Wire Size	#25	#14	#14				
T. P. L.	178-26	49-3	49-3				
Finish							
Type Lead	S&F-Dulac C.T.-W.O.	Wire Only					
Lead Lgth.	4"	4"	4"				
Layer Insul.	double 40#	007K	007K				
Test Volt.	5000	1250	1250				
Wrapper	2L007VC 2L007GA	2L007GA	2L007GA				

TUBE 1 2L007GK + 1L007VC | IMPREGNATION Varnish

CORE 2 X 2 5/8 GA. 24 GRADE D STACK 2 X 2

MOUNTING G - Standoff insulators (Dual 850 VA)



DESIGNED BY JCJ

DATE 2-13-39

E_P - 120/240 E_F - 5.9V - 8 amp
E_S - 750VCT - 175 ma
E_F - 4.8V - 3 amp 2.0 SPEC. NO. 4222

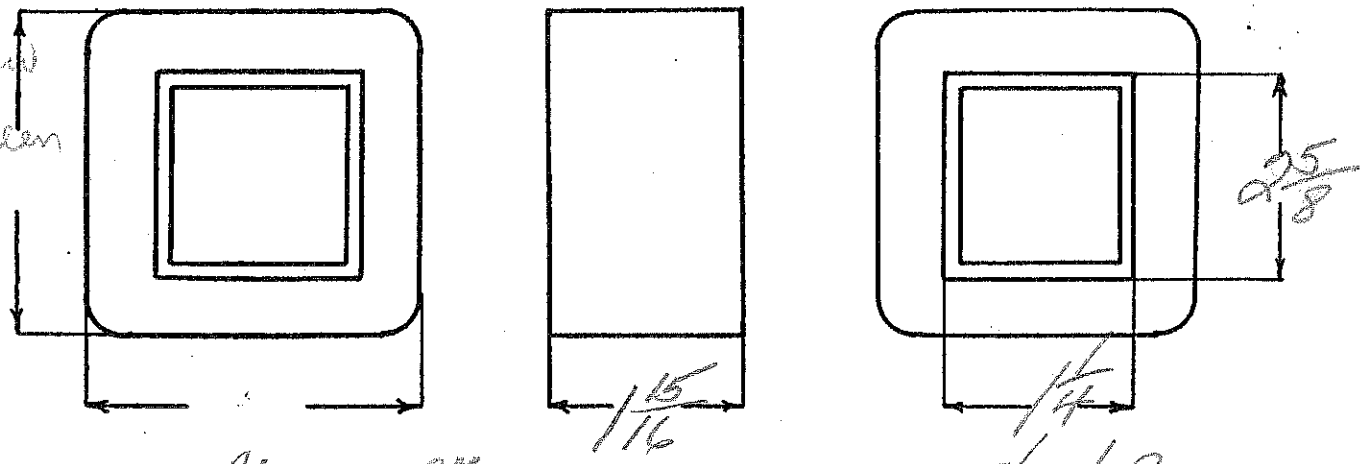
Winding	SEC	SHIELD	PRI	PRI	F	F	
Turns	1550		240	240	11	13	
Taps	775						
Wind. Lgth.	1.75						
Wire Size	#29	Shim	#22	#22	#17	#13	
T. P. L.	130-12	Stock	60-4	60-4			
Finish							
Type Lead							
Lead Lgth.							
Layer Insul.							
Test Volt.							
Wrapper						Double	

TUBE | IMPREGNATION Varnish

CORE GA. GRADE STACK

MOUNTING S4 - Cadmium-flanged shells - black lacquered

CC - Black Blue CT
2 grommets spaced 1 3/8" c-c
Pst. - brown
Pgrm - Green
5 - yellow
3 - green



DESIGNED BY Gulauer DATE 9/22/38

Ø — 115V — Tapped

ME-86 FORD PETTY

S — to deliver 2950 — 2700 — 2500 — 2250 — 2000W
each side CT — 400 ma.

SPEC. NO. 4223

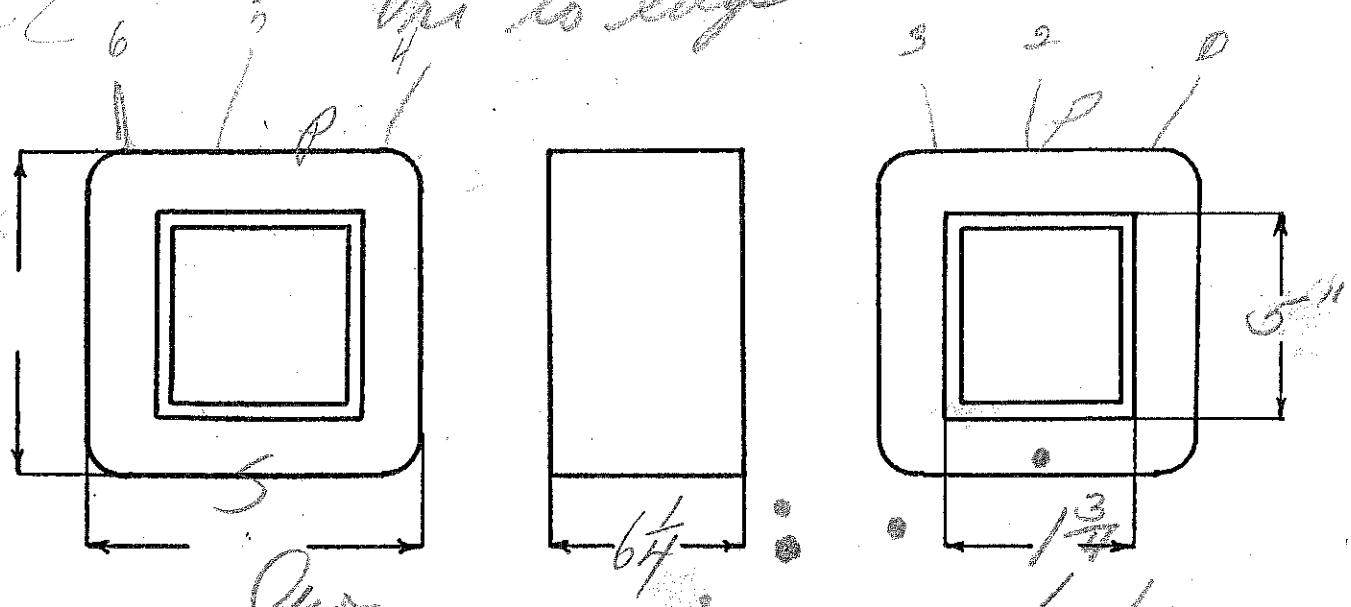
Winding	SEC		PRI Continuous				
Turns	5300		146				
Taps	2650		100 — 108 — 117 — 129				
Wind. Lgth.	5 1/8						
Wire Size	#25		#11				
T. P. L.	242-22		3L				
Finish	W.O.		W.O.				
Type Lead							
Lead Lgth.	6"		6"				
Layer Insul.	3L-40#		.007K				
Test Volt.							
Wrapper	6200 7VC 4L005GA		3L005GA				

TUBE	10L007 + 4L007VC	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING Uncased — Double E
sec to bakelite strip — Ground CT
Pri to large

SEC



DESIGNED BY Gus DATE 9/26/38

P_1 - 2 windings - 12VCT - for 60 12V operation - synchronous vibrator
P_2 - 120V - 60~ S_3 - to deliver 250V - at 50 ma at input to filter
S_1 - 6.3V - 2 amp
S_2 - 5V - 2 amp

KAAR

5.2

SPEC. NO. 4224

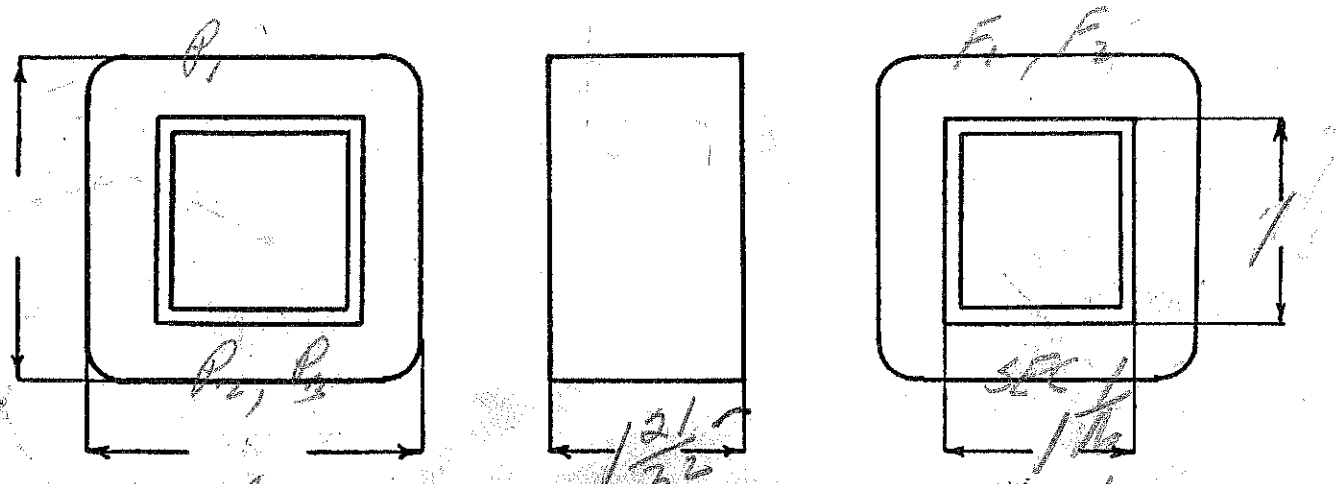
Winding	P_1	SHIELD	SEC	SHIELD	P_2	P_3	F_1	F_2
Turns	620	1	3000	1	48	48	29	36
Taps			1500		24	24		
Wind. Lgth.	1 5/32							
Wire Size	#26	SHIM	#35	SHIM	#20	#20	#20	#20
T. P. L.	78-8	STOCK	216-14	STOCK				
Finish								
Type Lead	#20 PB		#20 PB				W.O.	
Lead Lgth.	9"	3"	9" double lead	3"			9"	9"
Layer Insul.	50#							
Test Volt.								
Wrapper	1100 NC	1100 NC	1100 NC	2002 SD			Dual NC	

AC operation only

TUBE	7L07	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A — Copper shield over lamination



DESIGNED BY Guenner

DATE 9/26/38

Ep - 115 @ 60 ~ POWER TRANS. E.J. ROSE See #6804

525

Es - 550VCT - 100 ma

EF - 5V - 2amp FE - 6.3V - 2amp EF - 6.3V - .25amp SPEC. NO. 4225

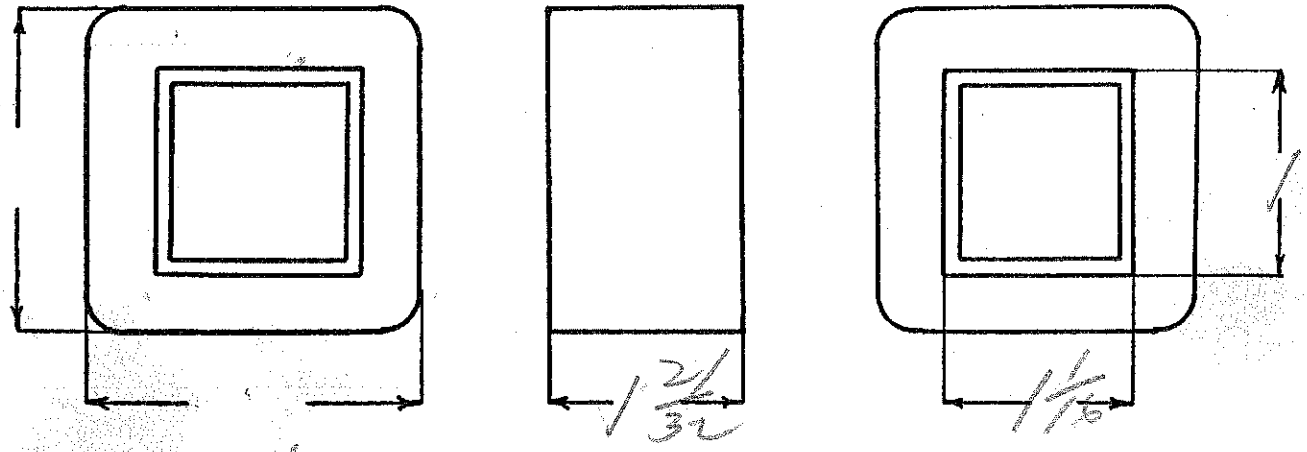
Winding	SEC	SHIELD	PRI	S #2	Green F1	Blue F2	
Turns	3300	170	610	34	29	36	
Taps	1650		—		—		
Wind. Lgth.	1 15/32						
Wire Size	#33	#33	#24	#24	#20	#20	
T. P. L.	170-20		62-10				
Finish							
Type Lead	#20 DBr		#20 DBr	#20 P.Br			
Lead Lgth.	9"	3"	(18" and)	(18" and)			
Layer Insul.	Double 16#		50#	50#			
Test Volt.							
Wrapper	1L007VC	1L005VC	2L005VC	2L005GA	2L005GA		

TUBE	7L007GK	IMPREGNATION	Varnish

CORE $1\frac{1}{16}$" × 1" E&I GA. 24 GRADE D STACK 2 and 2

MOUNTING A

M. Wire S #2 - White



DESIGNED BY [illegible] DATE 9/26/38

Ep — 120
ES — 680V
EF — 5V — 2amp
EF — 6.3V — 3amp top 515 285

POWER TRANSFORMER — OILFIELD BROS. — See #6804

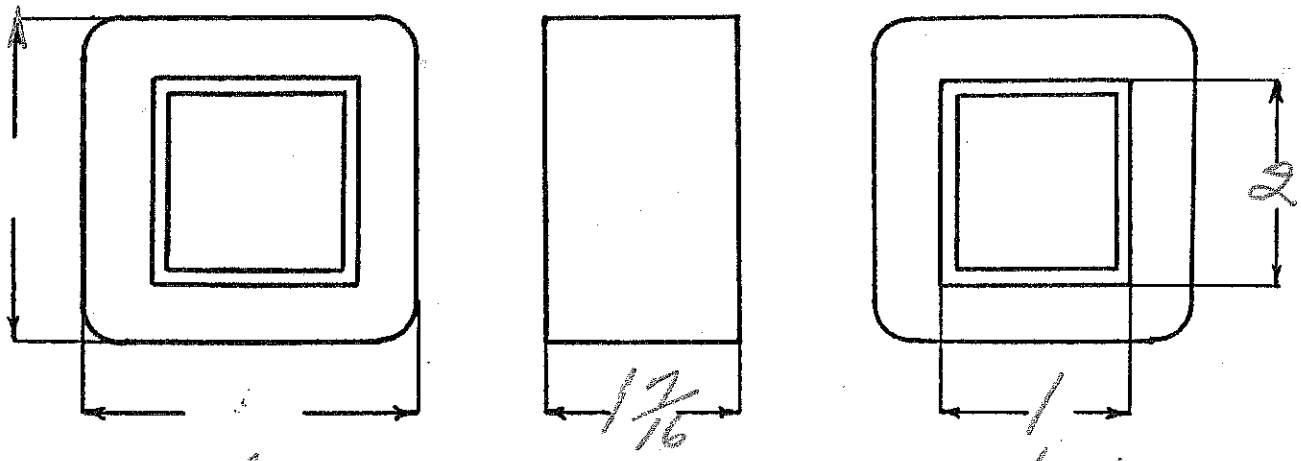
SPEC. NO. 4226

Winding	SEC	SHIELD	PRI	F_1	F_2		
Turns	1900		342	16	19		
Taps	950				17	— one standard	
Wind. Lgth.	1.25				double		
Wire Size	#34	Shim	#24	#21	#21		
T. P. L.	159-12		50-7				
Finish							
Type Lead	#20 DCA	Sil Br	#20 DCA	wire	only		
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1400 7VC	1400 5VC	2400 5EA	✓	2400 5EA		

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING 5A



DESIGNED BY BW

DATE 9/29/38

EP-110
E3- 750VCT
EF-5V - 2 amp
EF 6.3V - 3 amp

(HANSEN BOBB)

N/E = 8.8

SPEC. NO. 4227

Winding	P	SHIELD	SEC	Blue F1	Green F2		
Turns	320	1	2260	20	16		
Taps			1130	10	8		
Wind. Lgth.	1.75			double	double		
Wire Size	#21	Shim	#29	#18	#20		
T. P. L.	54-6	Stock	136-18	20-1			
Finish	#20	10½"		96%			
Type Lead	Parch	Silk	#20 Parch	W.O.	W.O.		
Lead Lgth.	10"		10" double	10"	10"	← out of case	
Layer Insul.	50#						
Test Volt.			2500				
Wrapper	260076	260076	260076A	260076A	260076A		

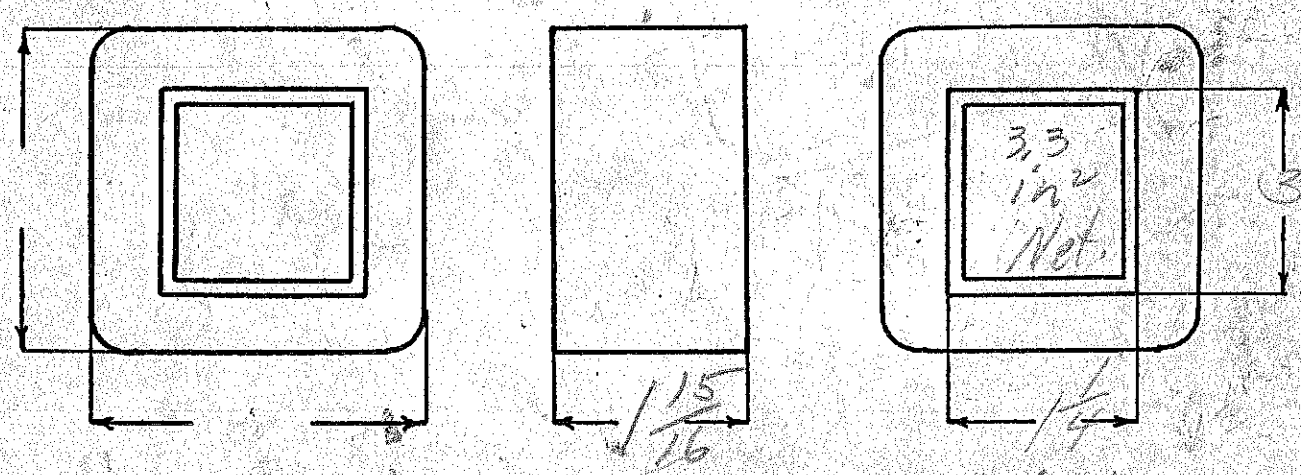
TUBE	260077	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A

Wire Nets. 522 (.517

Lead Lengths — 10" out of case
out — 14"



DESIGNED BY [illegible]

DATE 9/29/38

POWER TRANSFORMER — SOUND PRODUCTS INC.

Ep-120

ES-1600V-200 mal half wave - on + off service - Continuous operation

EF-5V-3amp EF-6.3V-1amp 132 SPEC. NO. 4228

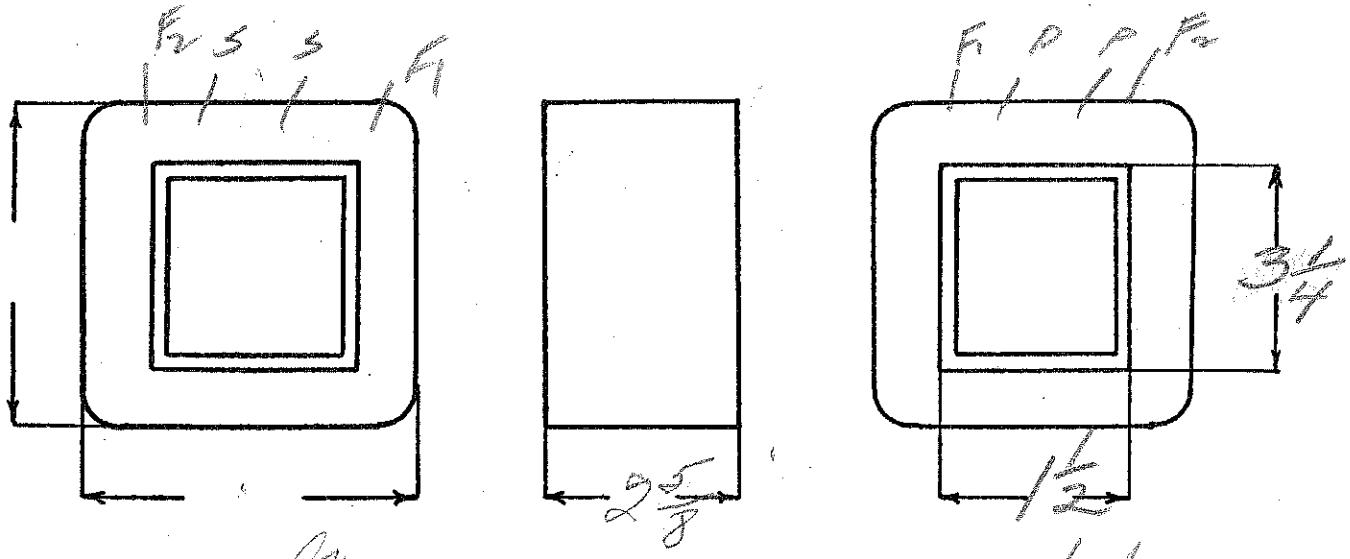
Winding	SEC	SHLD	PRI	F1	F2		
Turns	2200	164	158	7	9		
Taps	—			—			
Wind. Lgth.	2 1/8						
Wire Size	#27	#27	#15	double #20	#20		
T. P. L.	124-17		35L				
Finish	WIRE ONLY		WIRE ONLY				
Type Lead							
Lead Lgth.	3"	3"	3"	3"	3"		
Layer Insul.	double 40#		.007K				
Test Volt.	5000						
Wrapper	3L007VC 2L005GA	2L005GA	4L005GA		4L005GA		

TUBE	9L007+2L007VC	IMPREGNATION	varnish

CORE GA. 24 GRADE D STACK 2x2

MOUNTING C

finish over mica



DESIGNED BY Gur DATE 10/3/38

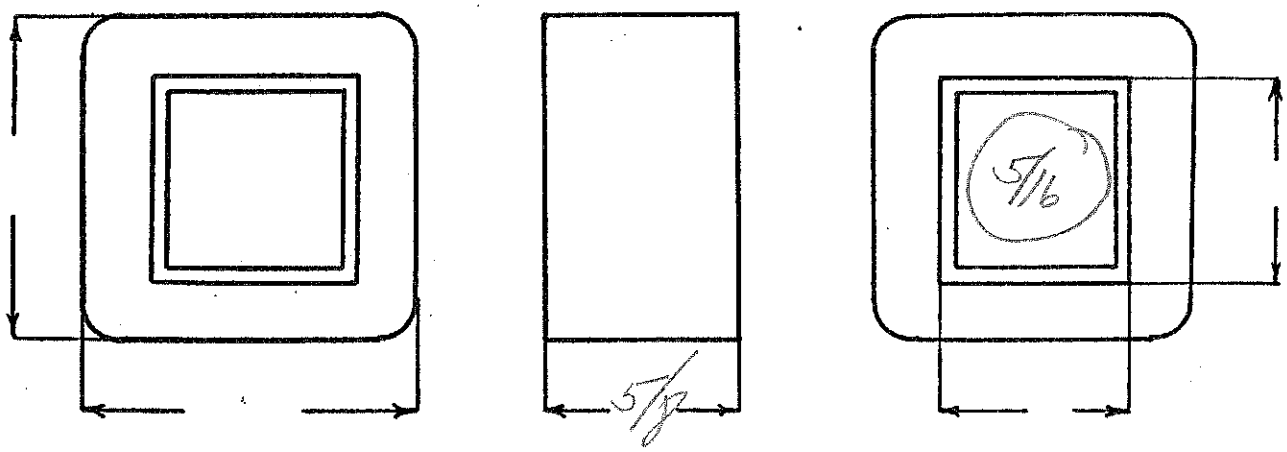
SPEC. NO. 4229 Aud

Winding							
Turns	4100						
Taps	—						
Wind. Lgth.	1/2						
Wire Size	#39						
T. P. L.	114						
Finish	Sil Bon						
Type Lead							
Lead Lgth.	3"						
Layer Insul.	12#						
Test Volt.							
Wrapper	100 50						

TUBE	32007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING



DESIGNED BY

DATE

GEO. F. WONDERLICH

110-120

2.9V - 3.5V - in seven steps - Taps

Pri - 1000V working

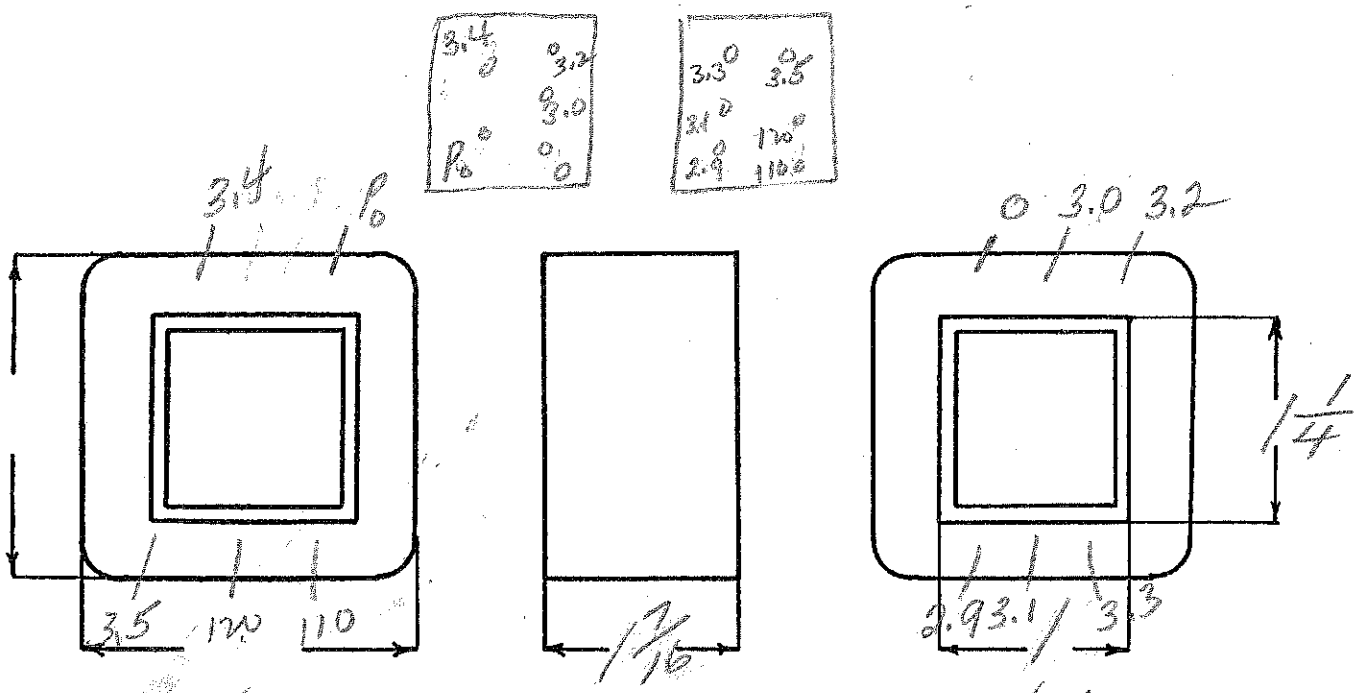
SPEC. NO. 4230

Winding	PRI		SEC				
Turns	540		17½				
Taps	500		17 - 16½ - 16 - 15½ - 15 - 14½				
Wind. Lgth.	1.25						
Wire Size	#26		#14				
T. P. L.	65-9		1L				
Finish							
Type Lead	WIRE ONLY						
Lead Lgth.	4"		4"				
Layer Insul.	50#						
Test Volt.	1250	*	3500				
Wrapper	2L007VC 2L005GA		2L007VC 2L005GA				

TUBE	5L007	IMPREGNATION	VARNISH

CORE GA. GRADE STACK

MOUNTING F



DESIGNED BY G. Weaver

DATE 10/7/38

Ep- 110V-60~ 0 1 2 3 4 5 10 20 30 sec-14 amp KARR ENG. CO.

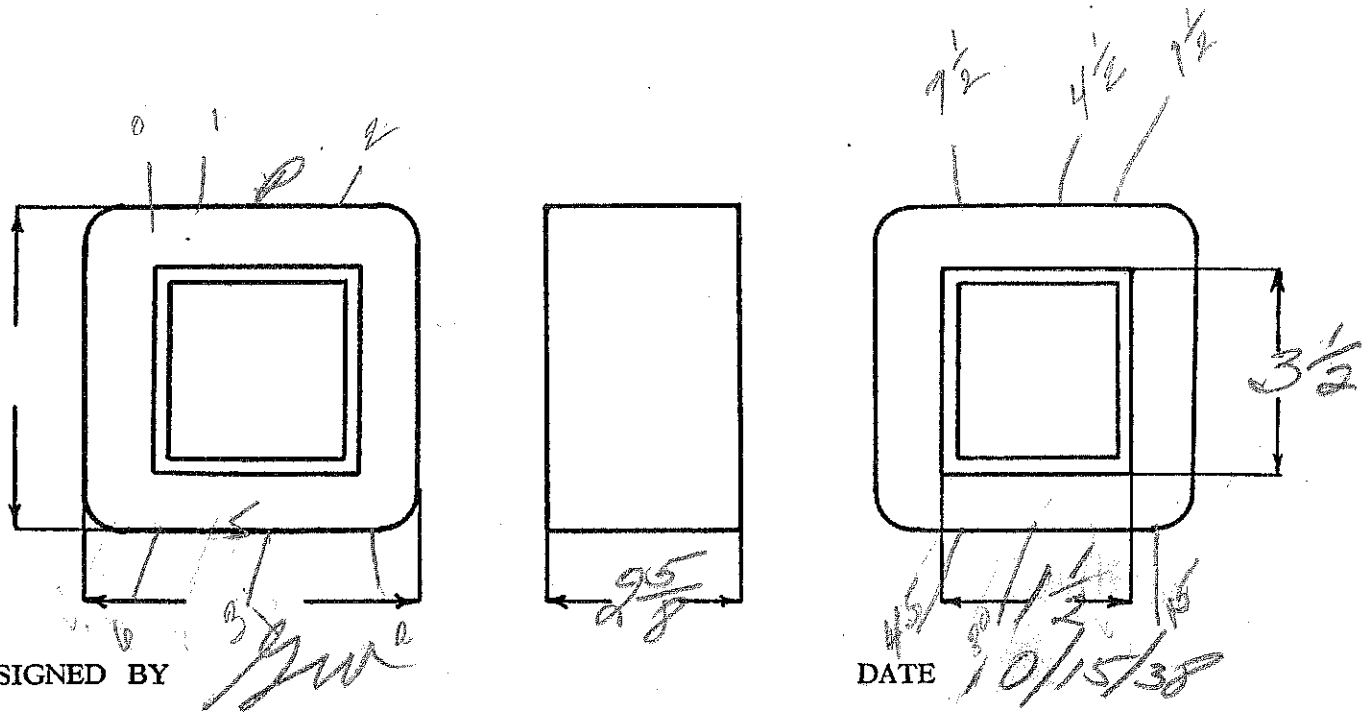
1.38 SPEC. NO. 4931

Winding	PRI		SEC				
Turns	160		45				
Taps	152		1½-3-4½-6-7½-15-30				
Wind. Lgth.							
Wire Size	#14		#10				
T. P. L.	5.25L		2.5L				
Finish							
Type Lead	WIRE ONLY						
Lead Lgth.	4"		4"	No Lugs			
Layer Insul.	.007K						
Test Volt.							
Wrapper	#2005GA		#2005GA				

TUBE	102007	IMPREGNATION	VARNISH

CORE GA. GRADE STACK

MOUNTING B



DESIGNED BY DATE 10/15/38

Special Re-wind

2393A
3780

2.2

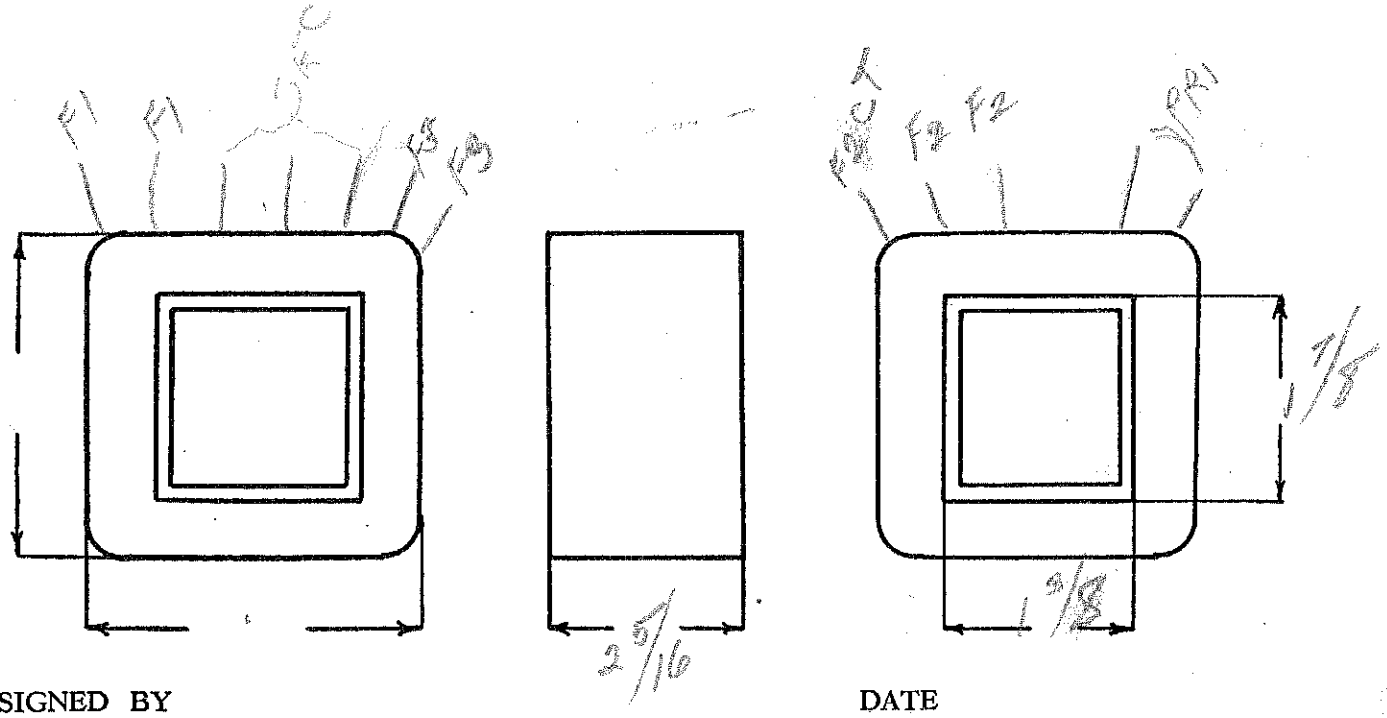
SPEC. NO. 4232

Winding	SEC	shield	Out	F1	F2	F3	
Turns	2400	Open	253	20	6	12	
Taps	1200				3		
Wind. Lgth.	2 1/16"		2 1/16				
Wire Size	30		19	15	12	16	
T. P. L.	173-14		51-5			12	
Finish							
Type Lead	Sil Br	Sil Br	W.O				
Lead Lgth.	3" double 20#	3"	3"				
Layer Insul.							
Test Volt.							
Wrapper	3L007	2L007FA	2L007FA		2L007FA	2L007FA	

TUBE	10L007	IMPREGNATION	

CORE GA. GRADE STACK

MOUNTING C



DESIGNED BY DATE

Ep-105-115-125 POWER Ef-2.5VCT-3 amp
Es-700VCT 150ma Ef-6.3V-.5 amp
Ef-4.5V CT-3 amp Ef-10VCT-5 amp

RADIO-TELEV. SUPPLY
(RADIO SPEC.)

SPEC. NO. 4233

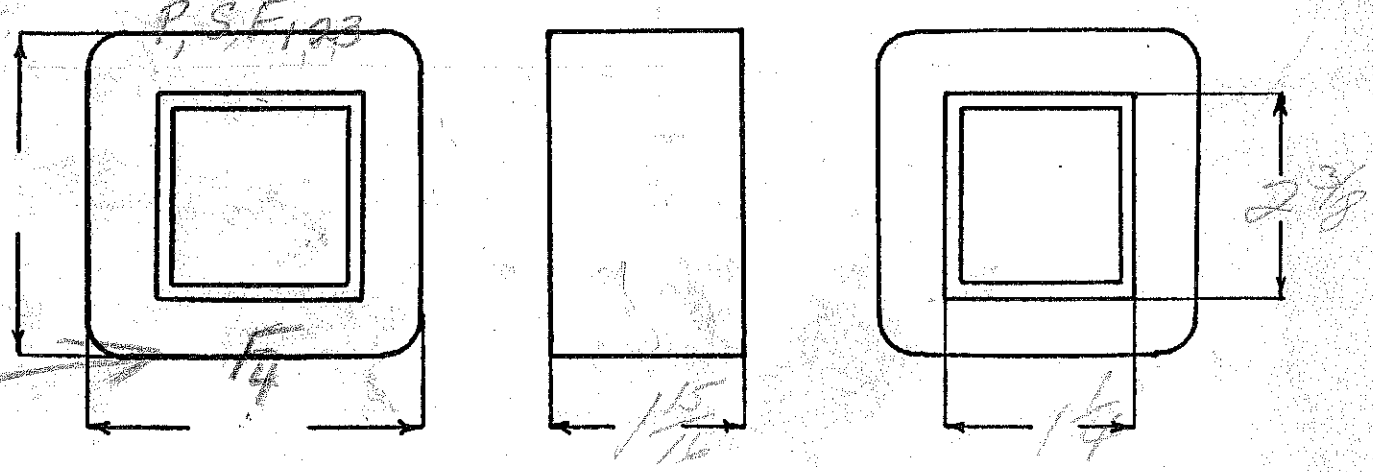
Winding	SEC	SH	P	F Bias	F Bias	F Bias	F Bias
Turns	1600	145	282	10	6	15	24
Taps	800		141	5	3	-	12
Wind. Lgth.	1.75						
Wire Size	#30	#30	#20	#18	#18	#23	#16
T. P. L.	145		48				
Finish							
Type Lead	#26		#20	wire	only		
Lead Lgth.	8-10-8"		8-5"	8"-10-8"	10"-14-10"	10"	20-12"
Layer Insul.	double 2mil		50#				
Test Volt.							
Wrapper	1100 VC	1100 VC	2500 SG				2100 VSG

TUBE	7600	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING AA

Ep-1-
Ef gen - 4.9 .5 + .2
Ef amp - 2.65 CT 1.32
Ef sec - 4.6
Ef rectifier 10.65
Ef rec. T



DESIGNED BY DATE 10/11/38

Ep - 110-115-120 1.55 PIERSON & HELMER

EF - 22V - 10 amps

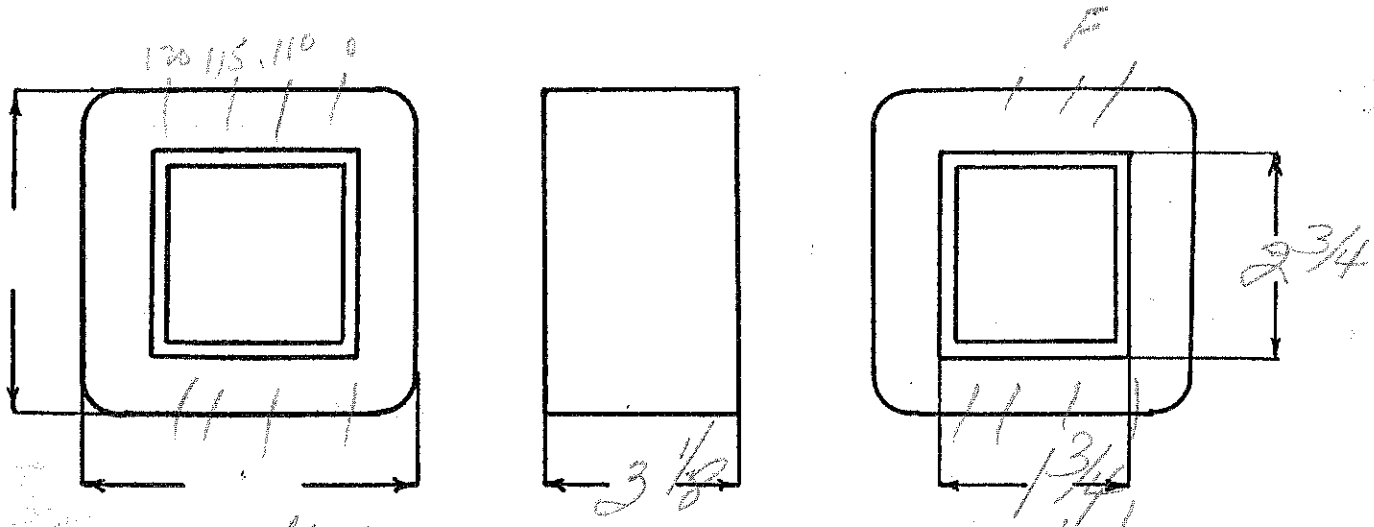
ES - 21-23-25-27-29-31-33 SEC. NO. 4234

Winding	PRI	SEC			FIL		
Turns	186	57			4		
Taps	178 170	54-51-47-44			2		
Wind. Lgth.	2 1/2	41-38-35					
Wire Size	#13	#11			#10		
T. P. L.	51-6						
Finish							
Type Lead	twin only						
Lead Lgth.	41	41		(to lugs)			
Layer Insul.	00 7L						
Test Volt.							
Wrapper	3L025G1	3L025G1			3L025G1		

TUBE	102007	IMPREGNATION	Varnish

CORE GA. 24 GRADE dyn STACK 2 x 2

MOUNTING n - panel - lugs



DESIGNED BY gw DATE 10/11/38

P – two 12V windings for 6or12V DC operation KAAR
S – 4.0, 4.5, 5V – 3 amp

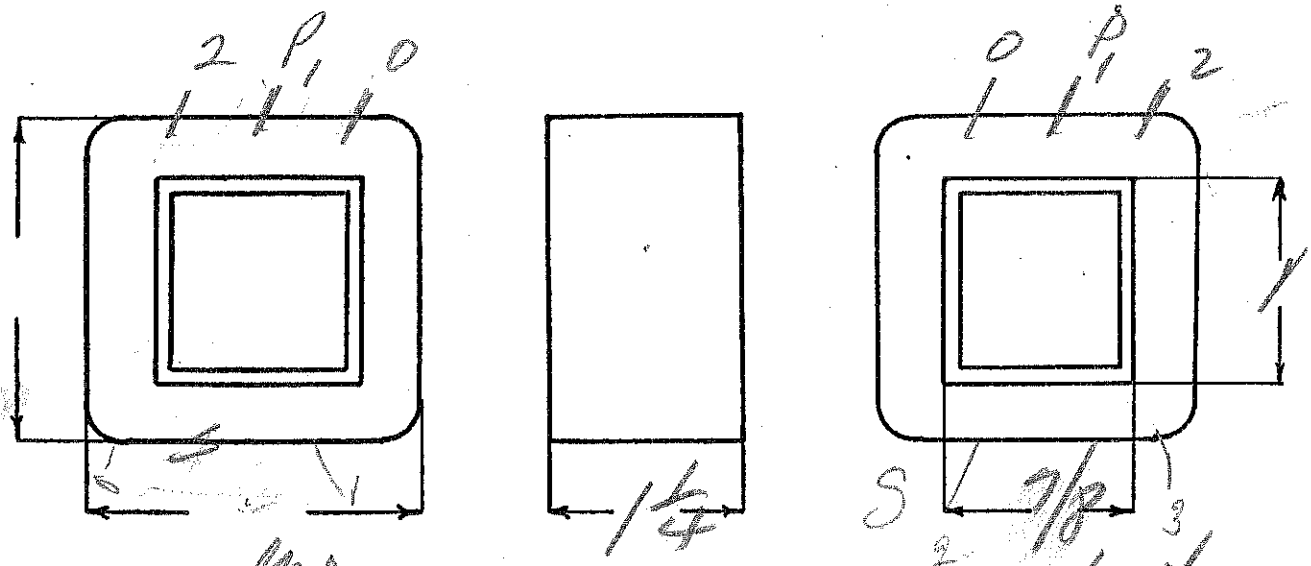
SPEC. NO. 4235

Winding	P	P	S				
Turns	76	76	47				
Taps	38	38	43-38				
Wind. Lgth.	1 1/16						
Wire Size	#20	#20	#18				
T. P. L.	3L	3L	2L				
Finish							
Type Lead	WIRE ONLY						
Lead Lgth.	3"	3"	3"				
Layer Insul.	.005 GA						
Test Volt.							
Wrapper	2.005GA	2.005GA	2.005GA				

TUBE 5L007 IMPREGNATION Varnish

CORE GA. 24 GRADE 20 STACK 2x2

MOUNTING D



DESIGNED BY [illegible] DATE 10/14/38

Ep- 115 POWER TRANSFORMER GRAYSON HEAT CONTROL

Es- 3300V- for spark gap load - adjust for 15ma sc

225

SPEC. NO. 4236

Winding	p		s				
Turns	865		24000				
Taps							
Wind. Lgth.	1/2"		1 3/16				
Wire Size	#30		#41				
T. P. L.	42-21		355-68				
Finish	Silbr		silbr *				
Type Lead							
Lead Lgth.	31						
Layer Insul.	30#		double 12#				
Test Volt.							
Wrapper	2W5614		3000WC 2W5600				

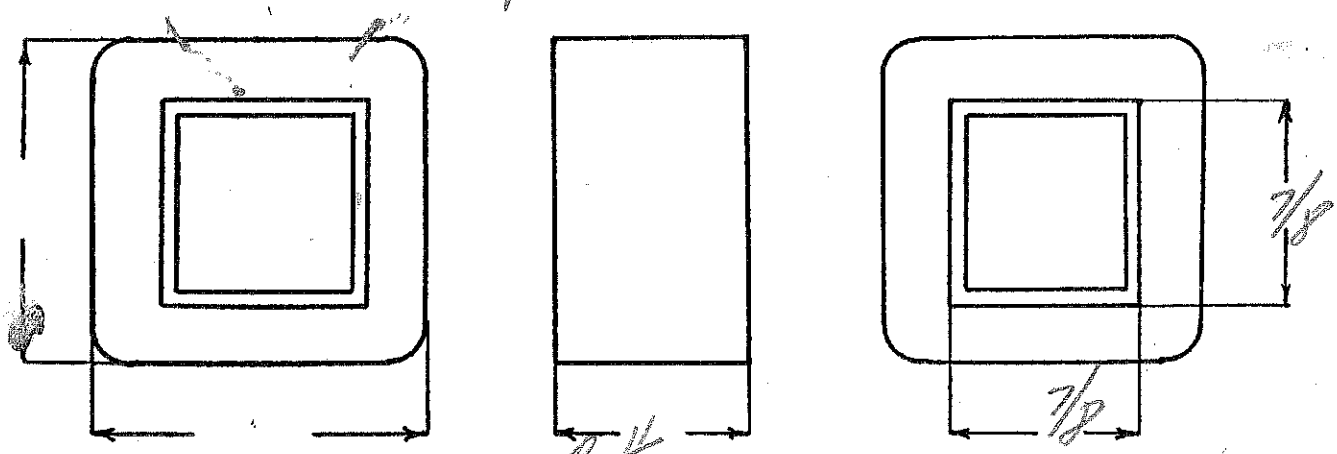
TUBE 7W03 (4/100W Con ac) IMPREGNATION Varnish

CORE double E GA. GRADE STACK

MOUNTING non brackets

large — finish sec of 2 layers mica

* Finish over to corners for minimum depth of coil



DESIGNED BY Shur DATE 10/4/38

Ep - 118
Es - 250 VCT - 200 ma
EF - 5V - 3 amp
EF - 6.3VCT - 5 amp
EF - 6.3VCT - 2 amp

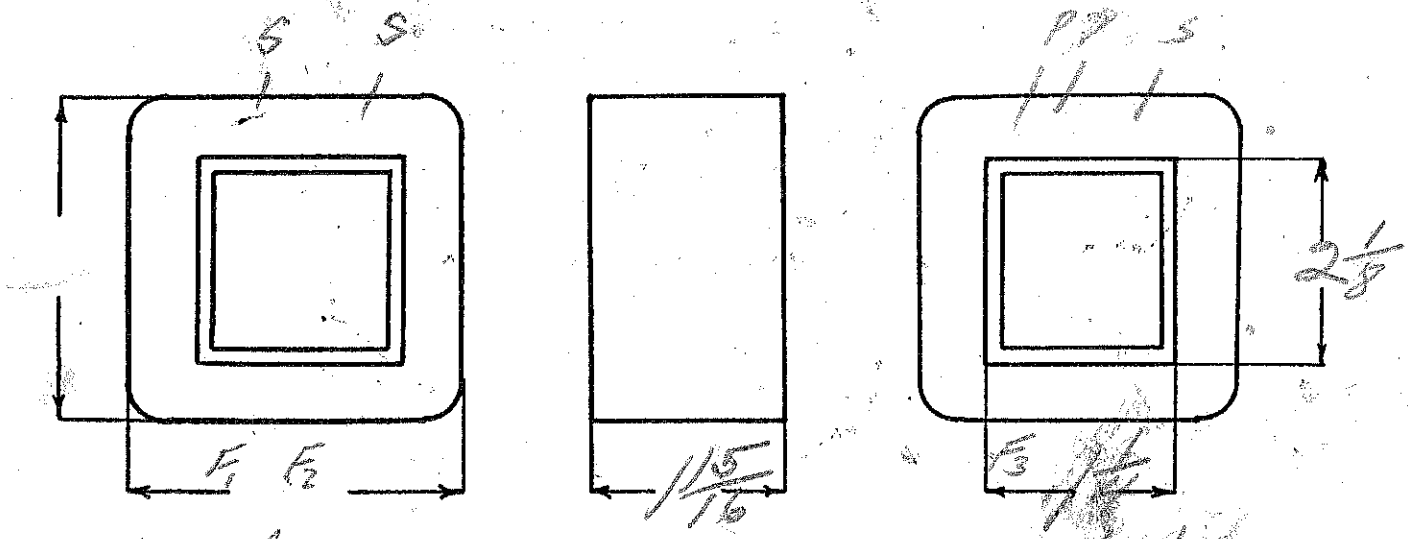
SPEC. NO. 4237

			24 green	Blue	white	
Winding	SEC	SHIELD	PRI	F_1	F_2	F_3
Turns	1940	1	282	13	16	16
Taps	970				8	8
Wind. Lgth.	1.75					
Wire Size	#30	SHIM	#20	#17	#15	#20
T. P. L.	141-14	STOCK	47-6			
Finish		Sil Pa				
Type Lead	#20 Dilac		#20 Enr Pa	wire	only	sleeving
Lead Lgth.	16		16	16	16	16
Layer Insul.	double 20#		double 30#			
Test Volt.						
Wrapper	3 Lbl 1100 7VC	1100 7VC	2100 7BA			2100 7BA

TUBE 74007 IMPREGNATION Varnish

CORE GA. 24 GRADE D STACK 2x2

MOUNTING K Tar



DESIGNED BY Gus DATE 10/13/58

Same as. 4238
Ep = 220 V

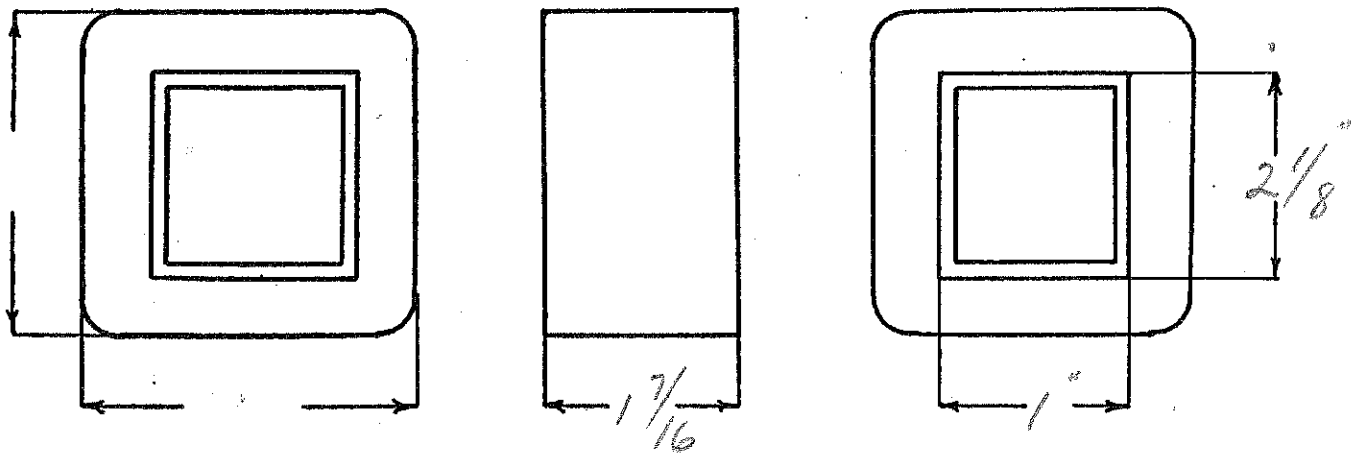
SPEC. NO. 4238-220

Winding	Sec	Shield	Prim				
Turns			684				
Taps							
Wind. Lgth.			1.25				
Wire Size			27E				
T. P. L.			69-10				
Finish							
Type Lead							
Lead Lgth.							
Layer Insul.			40#				
Test Volt.							
Wrapper			2+.005G4				

TUBE		IMPREGNATION	

CORE GA. GRADE STACK

MOUNTING



DESIGNED BY DATE

E_D - 120V - 25Ω
E_S - 680V
E_E - 5V-2amp
E_F - 6.3V - 5.5 - 3amp

413 SPEC. NO. 4238-25Ω

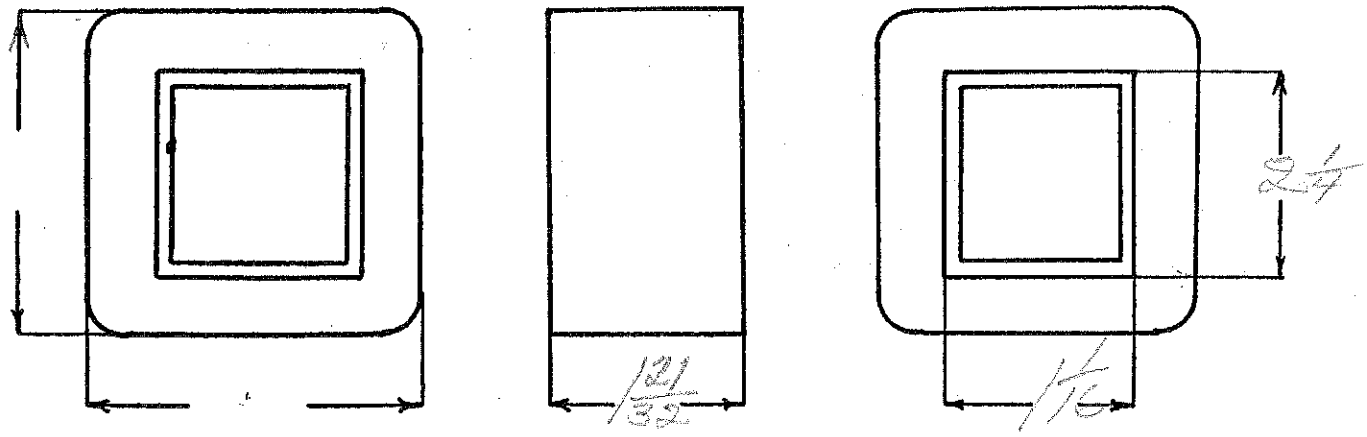
Winding	SEC	SHIELD	PRI	E_1	E_2		
Turns	3000	1	495	24	30	Blue	
Taps	1500				27	Red	
Wind. Lgth.	1 15/32	—	—	—	—	Red	
Wire Size	#33	SHEET COPPER	#23	#20	#18		
T. P. L.	168-18		55-9				
Finish							
Type Lead	#20 PBR	SPB	#20 PBR	wire only			
Lead Lgth.	See	customer	lead	length			
Layer Insul.	Layer to #	—	50#	—	—		
Test Volt.							
Wrapper	1007VC	1005VC	2005GA	2005GA	2005GA		

TUBE	7009	IMPREGNATION	VARNISH

CORE GA. 24 GRADE D STACK 2x2

MOUNTING SA - long bolt

7.5
6.8
6.0
3.86



DESIGNED BY [illegible] DATE 11/2/38

Ep-90-115-125-150-220-250

N/A 2.5 — 11,500

Continuous

SPEC. NO. 4238 Unit Pri

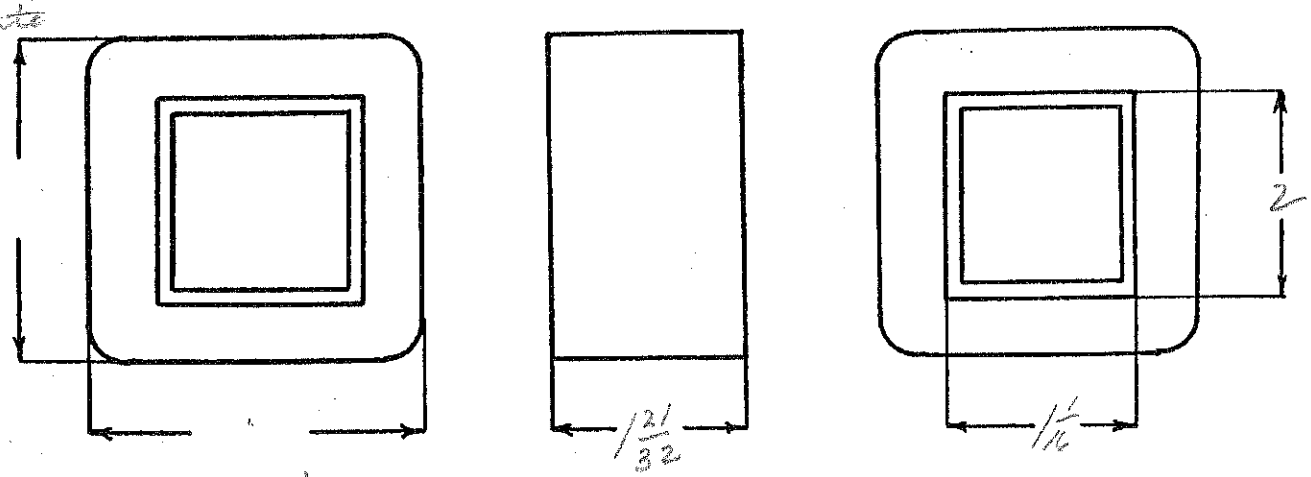
Winding	Sec	Sh	Pri 1	Pri 2	Sec 2	F1	F2
Turns	1970	1	435-363	290	77	16	20
Taps	985	—	262-334	205	—	—	18
Wind. Lgth.	1 15/32	1 15/32	1 15/32	1 15/32			Double
Wire Size	#33	Alum Stock	#23	#26	#22	#21	#21
T. P. L.	166-12		56-9	36-5	2L	1L	1L
Finish							
Type Lead	#20 Plain Br	S.B.	#20 Pin Br	#20 Pin Red	Wire Sl	Wire Sl	Wire Sl
Lead Lgth.	9"	3"	9"	9"	9"	9"	9"
Layer Insul.	Double 10#	—	50#	50#	.005 K	—	
Test Volt.							
Wrapper	1L.007VC	1L.005VC	3L 1005" GK	2L .005 GA	2L.005 GA.	2L.005 GA	

TUBE 7L.007 IMPREGNATION Double Varnish

CORE 1/16 X 2 GA. 24 GRADE D STACK 2 X 2

MOUNTING

Pri
1 White
2 Black
3 Yellow
4 Green
5 Alum Fr
6 Brown
7 White



DESIGNED BY DLJ DATE 7/29/39

GILFILLAN BROS.

Ep-120
E-3-680V
F-5V-2amp
F-6.3V-3amp-Fap 5.5V N/G 0.85

AU-4226

SPEC. NO. 1034

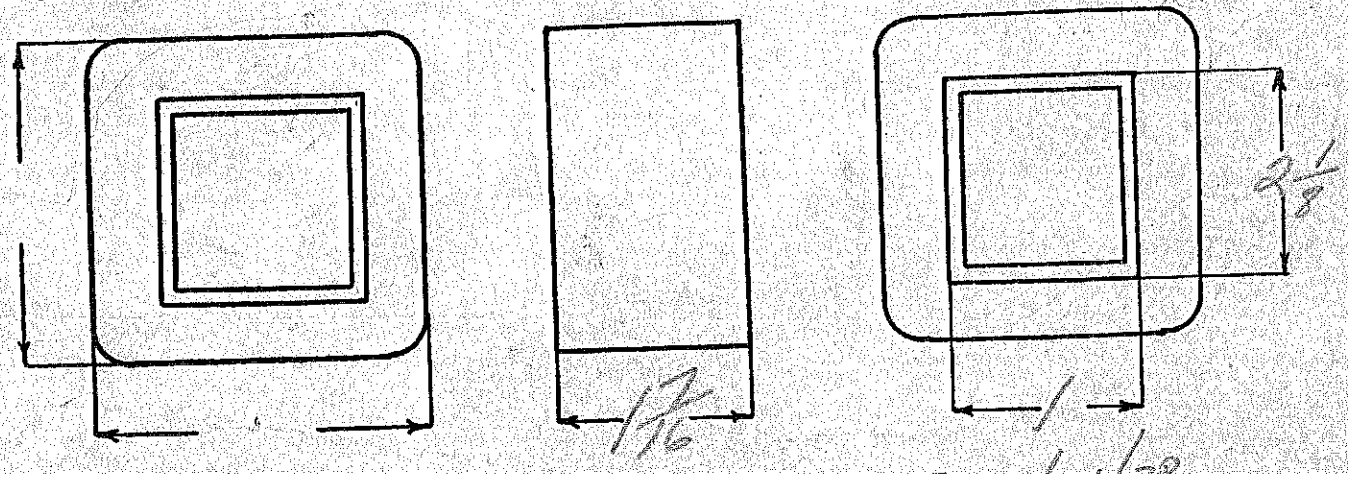
Winding	SEC	SWED	PRI	Green F1	F2		
Turns	1900	"	342	16	19		
Taps	950				17		
Wind. Lgth.	1.25	7 11/16"					
Wire Size	#34	Sheet Copper	#34	#21	#21		
T. P. L.	159-12		50-7				
Finish							
Type Lead	#20 enam	Solder	#20 enam	leads only			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	Cloth 1 layer		50#				
Test Volt.							
Wrapper	2L007VC	2L005VC	2L005GA	2L005GA	2L005GA		

TUBE 8L007 IMPREGNATION Varnish

CORE GA. GRADE STACK

MOUNTING SA- Short bolts

Gn 5.8 5345 6.90
Blu 6.9
Red 6.2
Bk 0



E_P - 110-120 E_F - 7.5VCT - 2.5 amps ACME RADIO
E_B - 1200VCT - 150ma E_F - 7.5VCT - 2.5 amps
E_F - 3.3VCT - 12amps

2.22 SPEC. NO. 4239

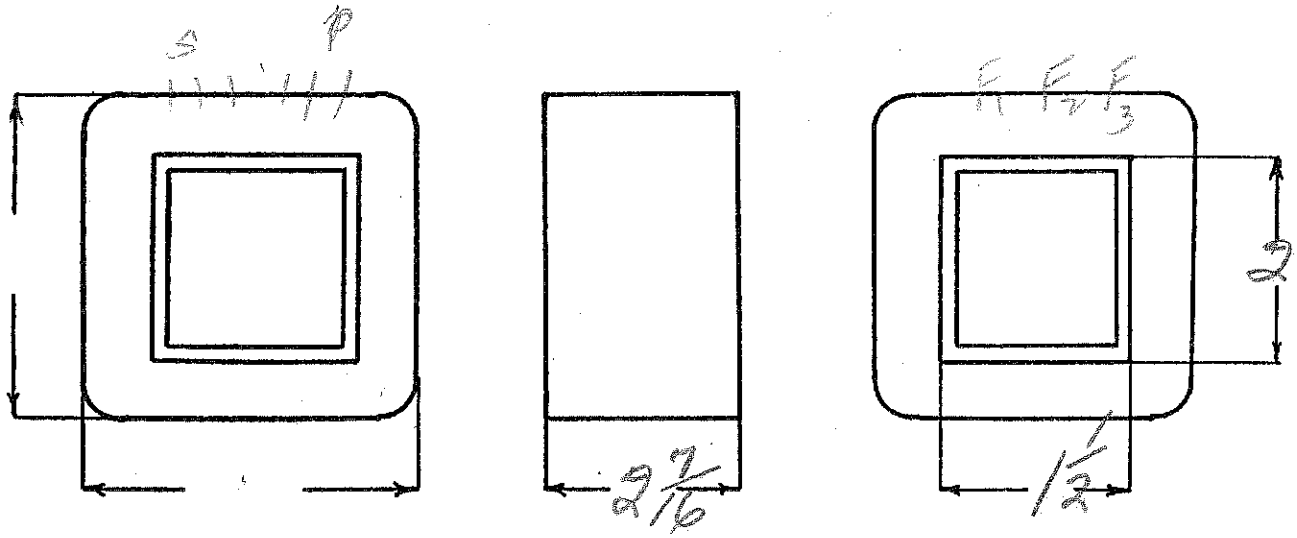
Winding	SEC	SHIELD	PRI	F_1	F_2	F_3	
Turns	2800	1	266	18	18	8	
Taps	1400		245	9	9		
Wind. Lgth.	9 7/8		~	~	~		
Wire Size	#29	Shim Stock	#18	#18	#18	#11	
T. P. L.	157-18		9L				
Finish							
Type Lead	Sil Bar		W.O	~	~	~	
Lead Lgth.	3"		3"	~	~	~	
Layer Insul.	double 20#		.007K				
Test Volt.							
Wrapper	2400 W/C	2400SQA	3400SQA			3400SQA	

TUBE	9L007	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING C

1" minimum



DESIGNED BY DATE

Ep - 115
Es - 380VCT or 200VCT to filmer 65V @ 50 ma or 110V - 150 ma
Ef - 5V - 3 amp
325 choke - 83V 4.85

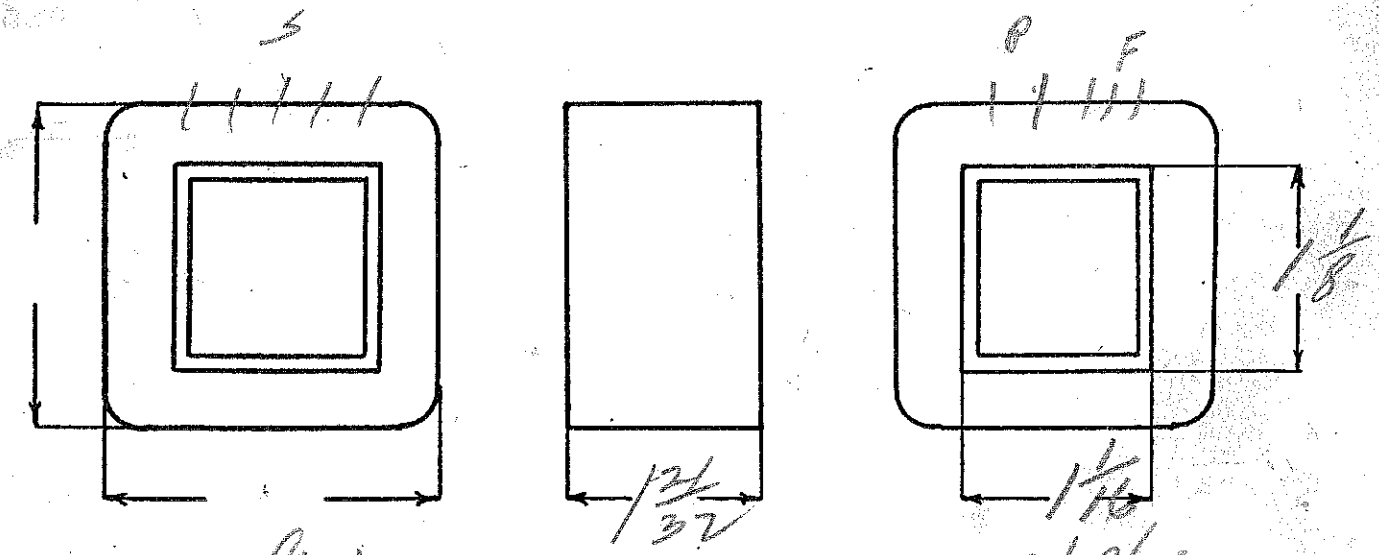
SPEC. NO. 4240

Winding	SEC		SHIELD	PRI	FIL		
Turns	1960 1470			560	27		
Taps	980 - 490				13		
Wind. Lgth.	1 15/32						
Wire Size	#30		#30	#24	#18		
T. P. L.	128 - 202			639			
Finish							
Type Lead	Sil	Br		W.O.			
Lead Lgth.	3"			3"	3"		
Layer Insul.	Manila 20#			50#			
Test Volt.							
Wrapper	1000 7VC		1000 5VC	2000 5GA	2000 5GA		

TUBE	7000	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING BC



DESIGNED BY [illegible] DATE 10/18/30

Ep-120 POWER — REMLER COIL

Es-980VCT - 200ma - use with 523 - choke input

EF - 5V-3amp

EF - 6V-3.6amps CT

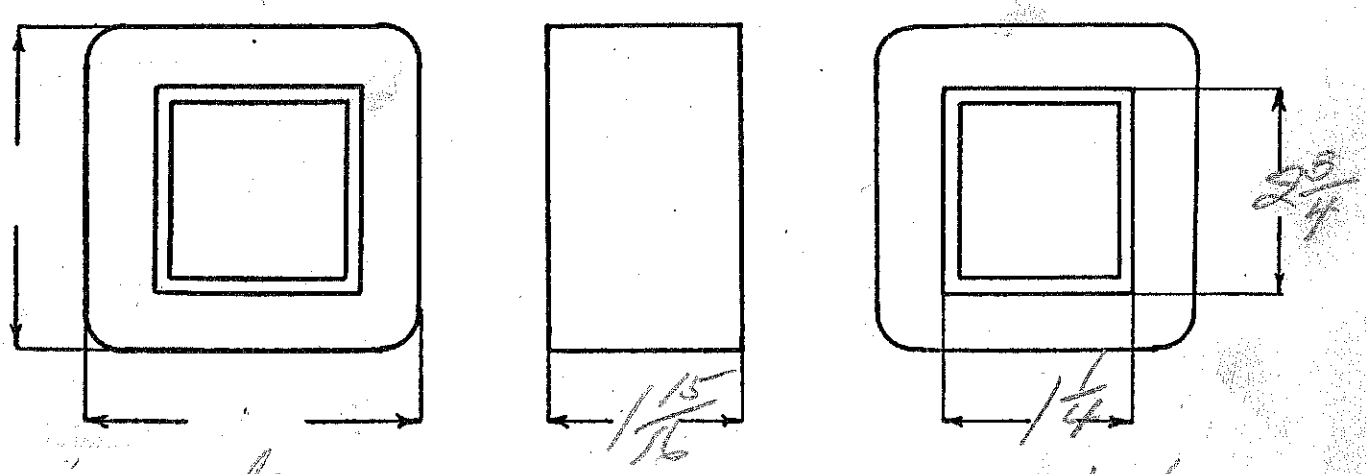
SPEC. NO. 4241

Winding	SEC	SHIELD	PRI	F1	F2		
Turns	2000	1	230	10	13		
Taps	1000			—	6		
Wind. Lgth.	1.75	"	"	"	"		
Wire Size	#29	SHIELD	#20	#17	#17		
T. P. L.	128-16	STOCK	46-5				
Finish							
Type Lead	#20 PBr	SilBr	#20 PBr	wire only			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 20#		50#				
Test Volt.							
Wrapper	2400VC	1400VC	2400VC		2400VC		

TUBE	9007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A



DESIGNED BY Gur

DATE 10/14/38

ED - 115 Vac - 6 Vdc or 12 Vac (series or parallel)
ES - 800 VCT - 150 ma (400 vdc with 83)
EF - 5V - 3 amp (for ac+dc) EG - 6.3V - 4 amp (a.c. only)

KAAR

2135

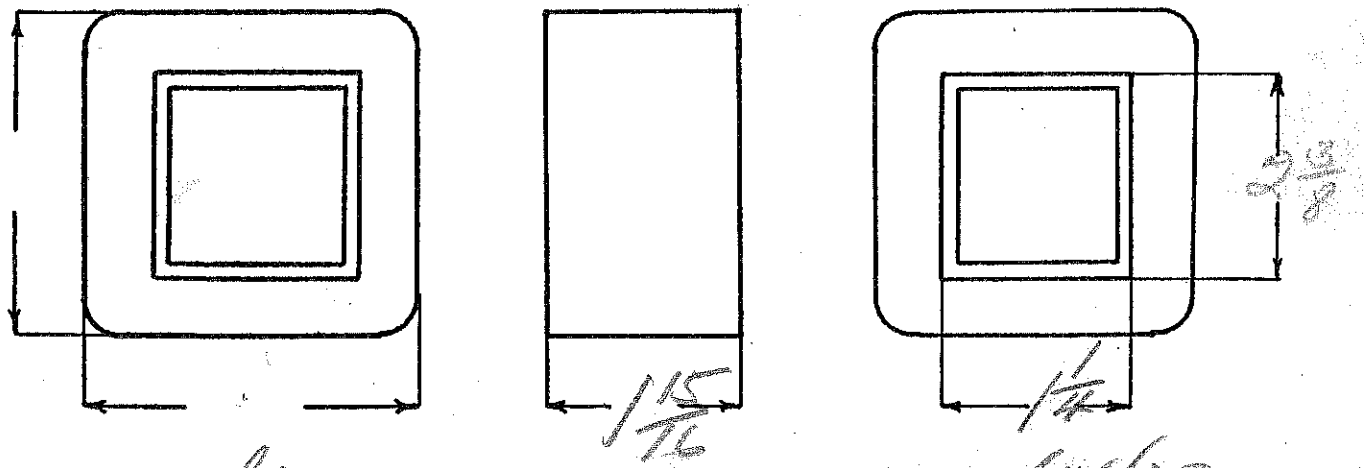
SPEC. NO. 4242

Winding	PRI.	SHIELD	SEC	SHIELD	P2	P2	F	P
Turns	270	1	2180	1	20	20	12	16
Taps	—		1090		10	10	—	—
Wind. Lgth.	1.75	—	—	—	—			
Wire Size	#21	SHIM	#30	Shim	#16	#16	#18	#16
T. P. L.	54-5	STOCK	137-16	Stock	3		4	
Finish		9 1/16						
Type Lead	#20 Bar	Sil Br.	#30 Bar		wire only			
Lead Lgth.	9"	3"	9"	9"	9"	—	—	
Layer Insul.	50#		double 20#					
Test Volt.								
Wrapper	1200 VC	2400 VC	2400 VC	2400 VCA	2400 VCA			2400 VC

TUBE 9C007 IMPREGNATION Varnish

CORE GA. 24 GRADE D STACK 2X2

MOUNTING A — Copper strip inner lamination



DESIGNED BY Gm DATE 10/24/30

Radio Supply - Overland order 10/24/38 RADIO SUPPLY CO.

Ep - 115 - 140V

Es - 3000 or 2460VCT - 280ma

to deliver 1000/1250V - dc - 280 ma 1.1

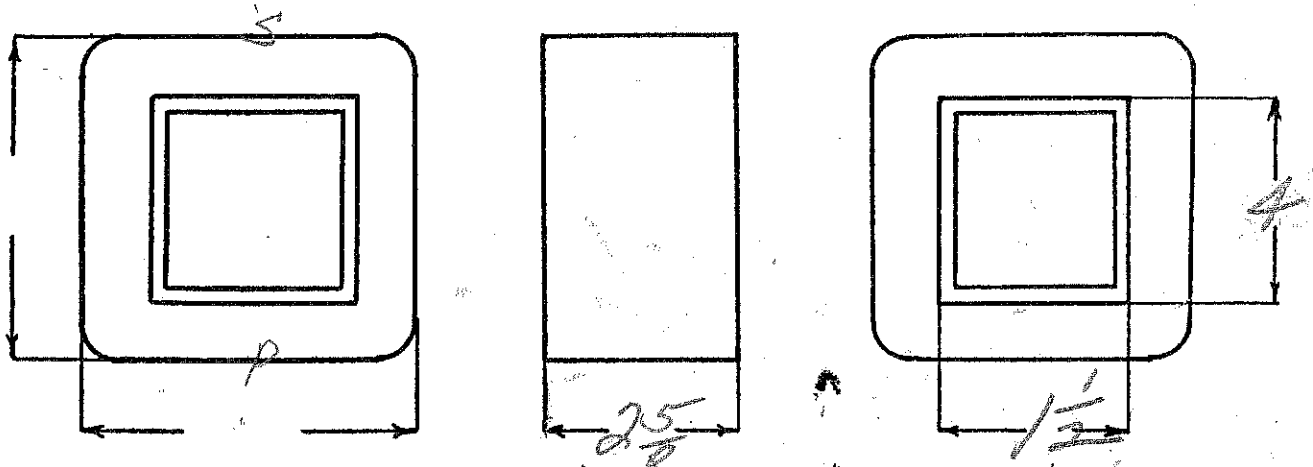
SPEC. NO. 4243

Winding	SEC	Continuous PRI					
Turns	3500	130	26				
Taps	1750	—	—				
Wind. Lgth.	2 3/16	—					
Wire Size	#27	#16	#17				
T. P. L.	126-28	4L					
Finish							
Type Lead	Wire	only					
Lead Lgth.	6"	6"					
Layer Insul.	double 30#	.007K					
Test Volt.							
Wrapper	3007VC 2005GA	3005GA					

TUBE	1C007+1C007VC	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING G



DESIGNED BY

DATE 11/14/38

Ep - 120
Es - 1000VCT - 125 ma
EF - 5V - 2 amp
EF - 5V - 3.15 amp
EF - 6.3V - 1 amp

LOEW'S, INC.

SPEC. NO. 4244

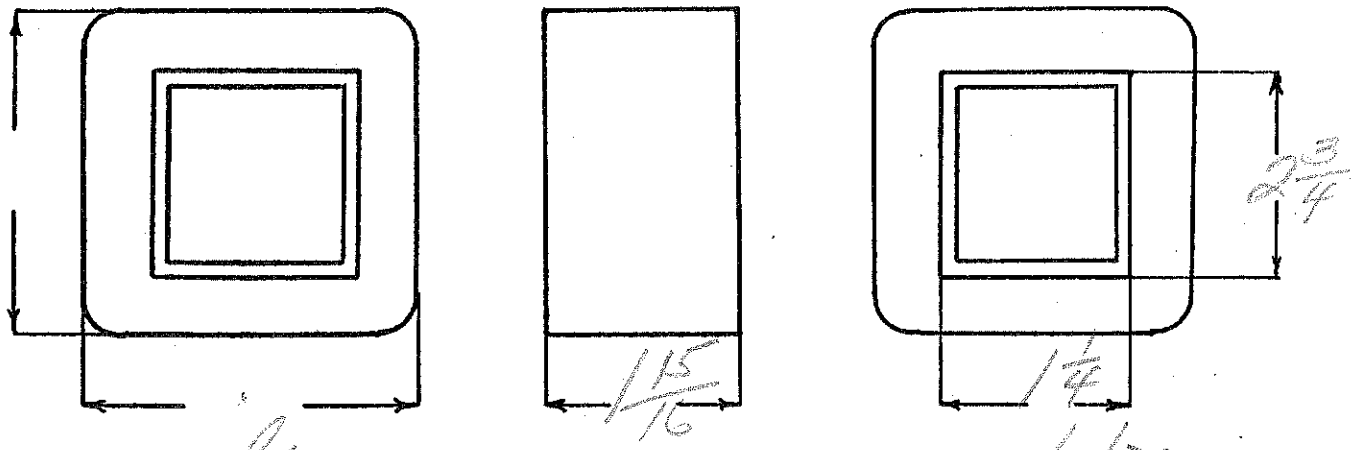
Winding	SEC	2HEC	PRI	F1	F2	F3	
Turns	1880	118	210	10	10	12	
Taps	940					6	
Wind. Lgth.	1.25	~	~	~	~	~	
Wire Size	#28	#28	#19	#19	#17	#20	
T. P. L.	118-16		52				
Finish							
Type Lead	#20 Pvc	wire	#20 Pvc				
Lead Lgth.	9"	3"	9"				
Layer Insul.	Manila 20#		56#				
Test Volt.							
Wrapper	2400 7KC	2400 7GA	2400 7GA			2400 7KC	

TUBE	7007	IMPREGNATION	VARNISH

CORE GA. GRADE STACK

MOUNTING A

instead of winding it will be permissable to remove two turns from F3 of P657 and re-case if desired



DESIGNED BY Gar

DATE 11/2/38

RICHARDS ELECTROTRANSFORMER
see 4203

Ep-115
Es - 4500V - 20ma - neon type

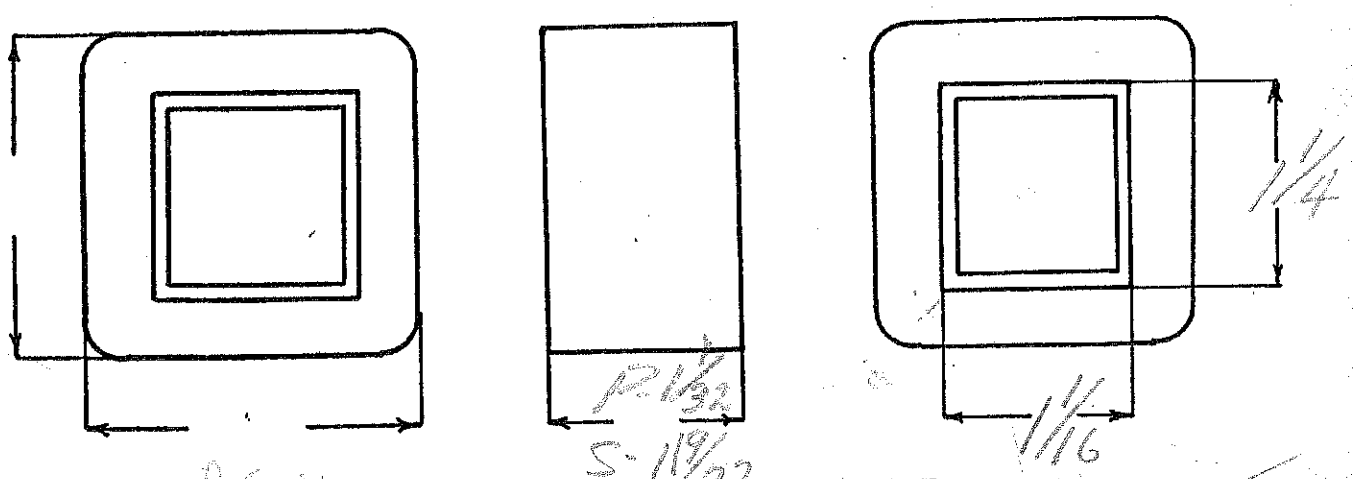
SPEC. NO. 4245

Winding	P		S				
Turns	500		18100				
Taps	—		—				
Wind. Lgth.	27/32		1 13/32				
Wire Size	#22		#38				
T. P. L.	28-18		264-73	Spiral	finish	lead	2 layers
Finish							
Type Lead	#20 PaBn		#18 Dulac				
Lead Lgth.	12"		12"				
Layer Insul.	50#		double 20#				
Test Volt.							
Wrapper	2L005GA		4L007VC 3L005GA				

TUBE 7L007GK (See 4L007VC) IMPREGNATION Varnish

CORE Double E GA. 24 GRADE D STACK Butt

MOUNTING unused - neon type
Shunts -



DESIGNED BY JCS DATE 12-12-38

Ep - 115 AC - 6 or 12V dc (series or parallel) KHAR

ES - 760 VCT (open) - 150 ma (400Vdc with 83) 2.52 replacing 42 42

EF - 5V, 3 amp (AC+DC) + 6.3V - 4 amp (AC only) SPEC. NO. 4247

Winding	P_1	SH.	SEC	SHIELD.	Black P_2	White P_3	Blue F_1	F_2
Turns	290	1	1920	1	20	20	13	17
Taps			960		10	10		
Wind. Lgth.	1.75							
Wire Size	#21	SHIM STOCK	#30	SHIM STOCK	#16	#16	#17	#16
T. P. L.	50-6		140 14					
Finish								
Type Lead	#30 Cu Br	Sil Br	#30 Cu Br	Sil Br	WIRE	ONLY		
Lead Lgth.	9"	3"	9"	3"	9"	9"	9"	9"
Layer Insul.	50#		double 20#					
Test Volt.								
Wrapper	1200 TC	2200 TC	2200 TC	2200 TGA	✓	✓	2200 TGA	

TUBE 9007 IMPREGNATION VARNISH

CORE GA. GRADE STACK

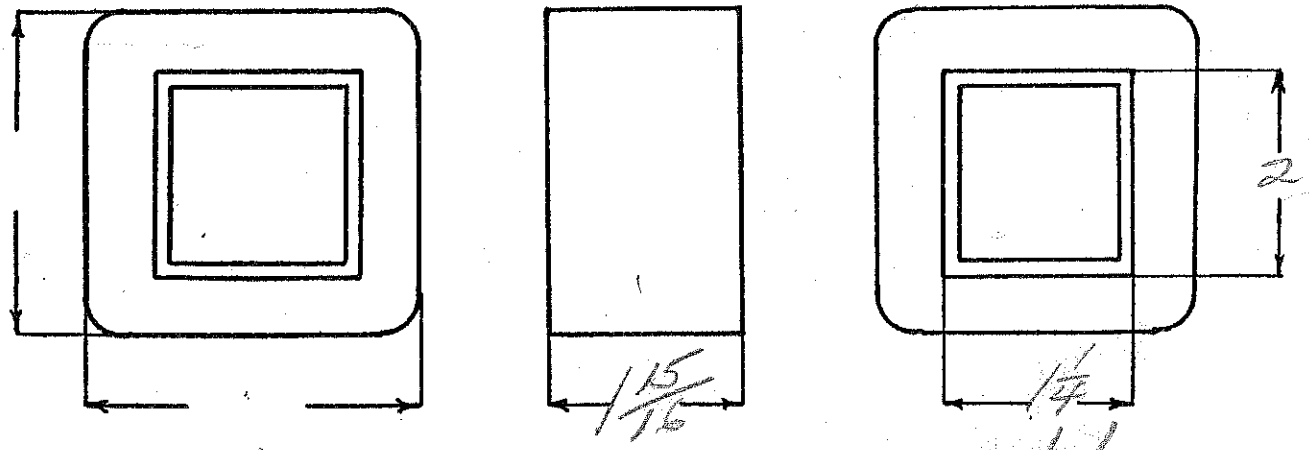
MOUNTING A - Copper strip over lamination

Sec 4.10

$P_2 + P_3$ 4.3

F_1 5.6

F_2 7.2



DESIGNED BY Geo DATE 11/9/38

Eb-220
ES-2V-30amp

LESTER EQUIPMENT CO.

SPEC. NO. 4248

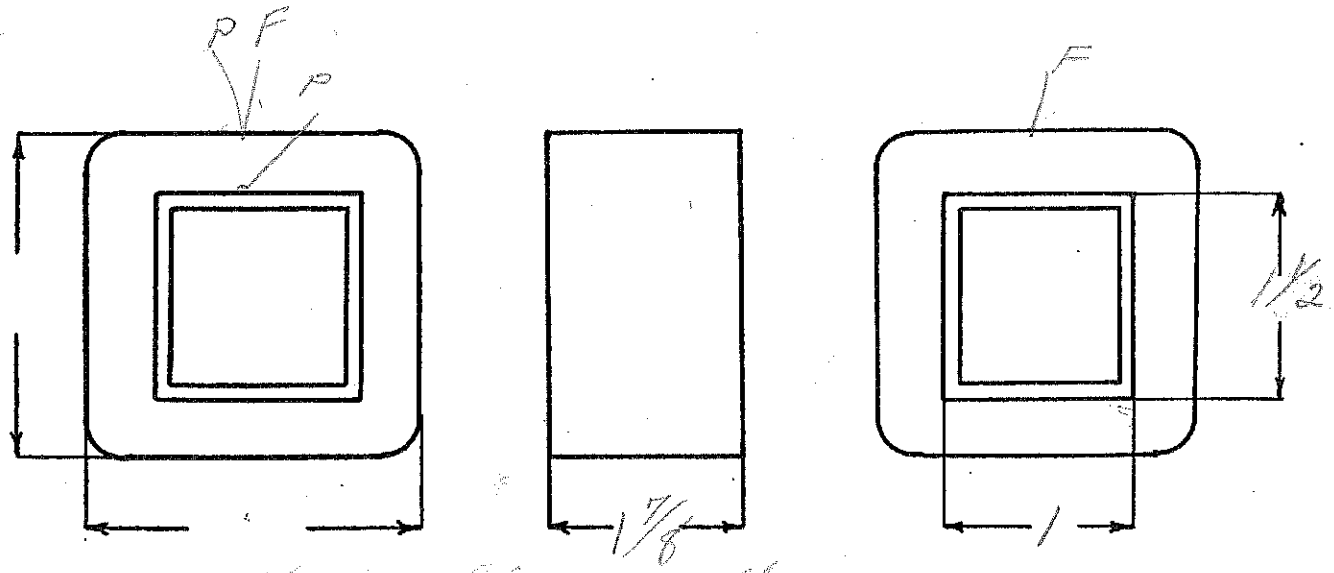
Winding	Pri		Fil				
Turns	1100		10				
Taps	—		—				
Wind. Lgth.	1 5/8"		1 5/8"				
Wire Size	#26		#8 section				
T. P. L.	83-14		10-1				
Finish							
Type Lead	#16 Par		Wire only				
Lead Lgth.	3"		3"				
Layer Insul.	007K.						
Test Volt.							
Wrapper	12007KC 12007K		—				

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK 1½

MOUNTING 2/

Pri start lead in coil



DESIGNED BY Wm. H. Shaw & Cliff

DATE

Ep-220

ES-24-30 amps

large

LESTER EQUIPMENT CO.

SPEC. NO. 4249

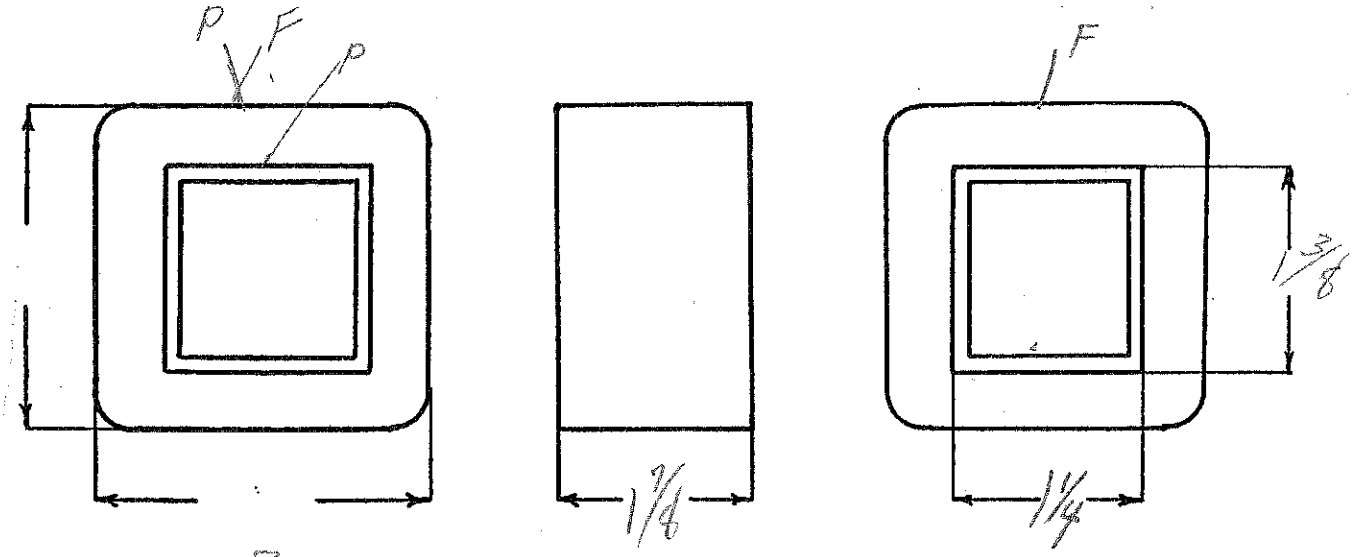
Winding	Pri		Fil				
Turns	1100		10				
Taps	—		—				
Wind. Lgth.	1 5/8"		1 5/8"				
Wire Size	#25		#8 S.Cotton				
T. P. L.	75-15		10-1				
Finish							
Type Lead	#14 Mc.		Wire only				
Lead Lgth.	9"		9"				
Layer Insul.							
Test Volt.							
Wrapper	1600VC 2600SGA		—				

TUBE 7000 IMPREGNATION Varnish

CORE GA. GRADE STACK 1 3/8

MOUNTING 9/1

Pri start - lead in Coil



DESIGNED BY ?

DATE

Ep - 115V POWER TRANSFORMER SCHIRESON BROS., INC.

Es - 700V CT - 200 MA

Ef - 5V - 3 amp

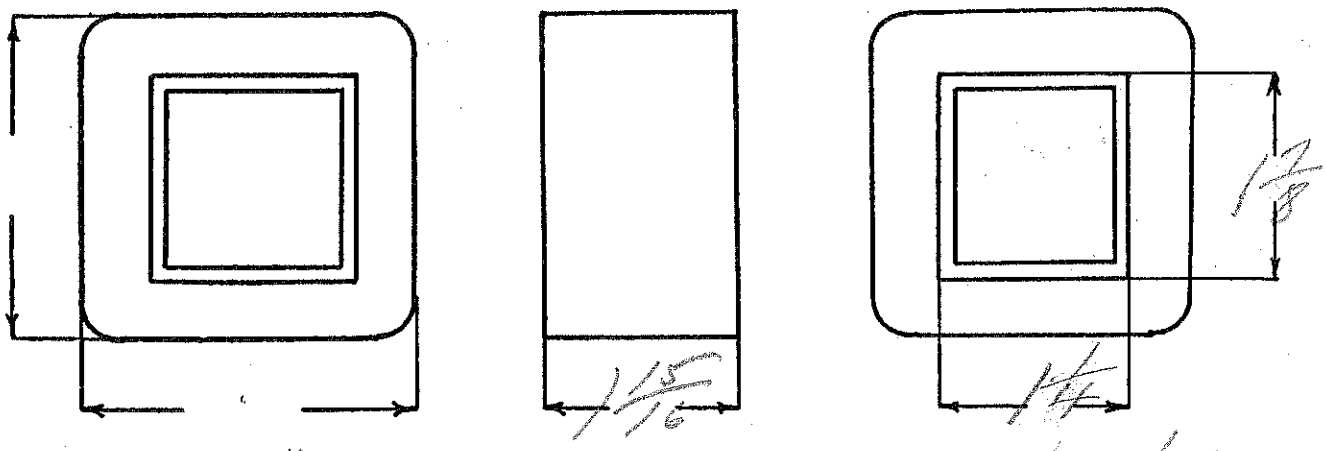
Ef - 6.3V - 2.5 amps CT 2.66 SPEC. NO. 4250

Winding	S	SH	P	F	F		
Turns	2000	125	306	14	18		
Taps	1000				9		
Wind. Lgth.	1.75	"	"	"	"		
Wire Size	#29	#29	#21	#17	#18		
T. P. L.	125-16		52-C				
Finish							
Type Lead	#20 Braid	Sil Kr	#20 P. Braid	avail	only		
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 20#		50#				
Test Volt.							
Wrapper	1L007VC	1L007VC	2L007GP	"	2L007GP		

TUBE	7L007	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING A



DESIGNED BY DW DATE 10/24/38

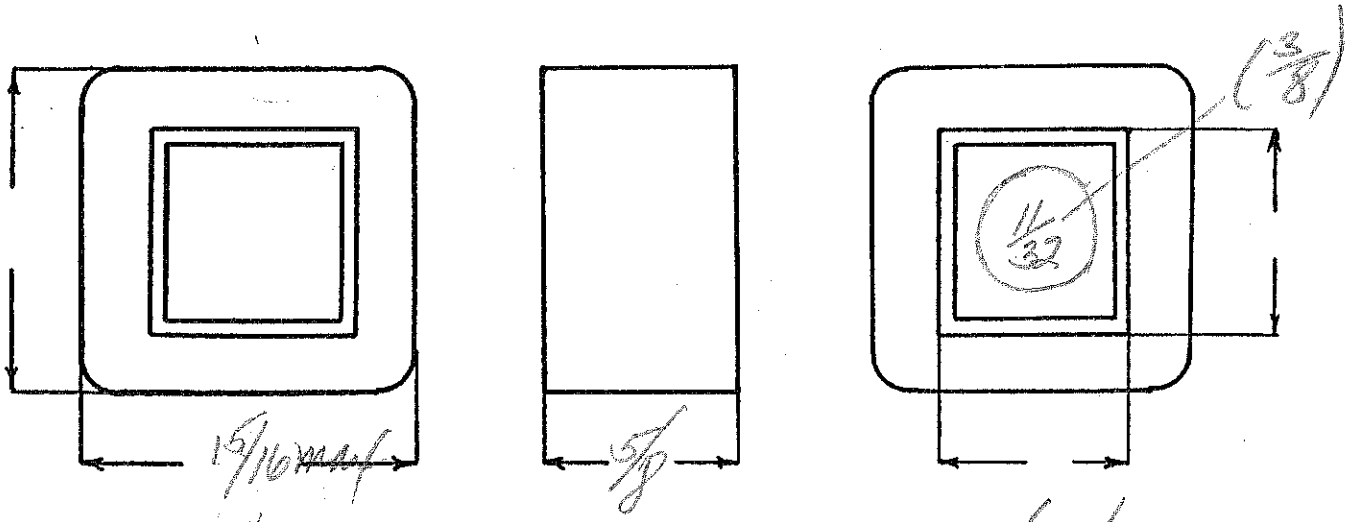
SPEC. NO. 4251 Cont

Winding	P						
Turns	365						
Taps							
Wind. Lgth.	1/2						
Wire Size	#26						
T. P. L.	26-14						
Finish	W. O						
Type Lead							
Lead Lgth.	4"						
Layer Insul.	40#						
Test Volt.							
Wrapper	2005GA						

TUBE	4007	IMPREGNATION	Varnish

CORE — GA. GRADE STACK

MOUNTING



DESIGNED BY GW

DATE 10/24/38

E_ϕ - 120 POWER TRANSFORMER

E_S - 840VCT open Circuit

E_F - 5V - 4amp

E_F - 2.5V - 10amp CT

E_F - 2.5VCT - 6amp

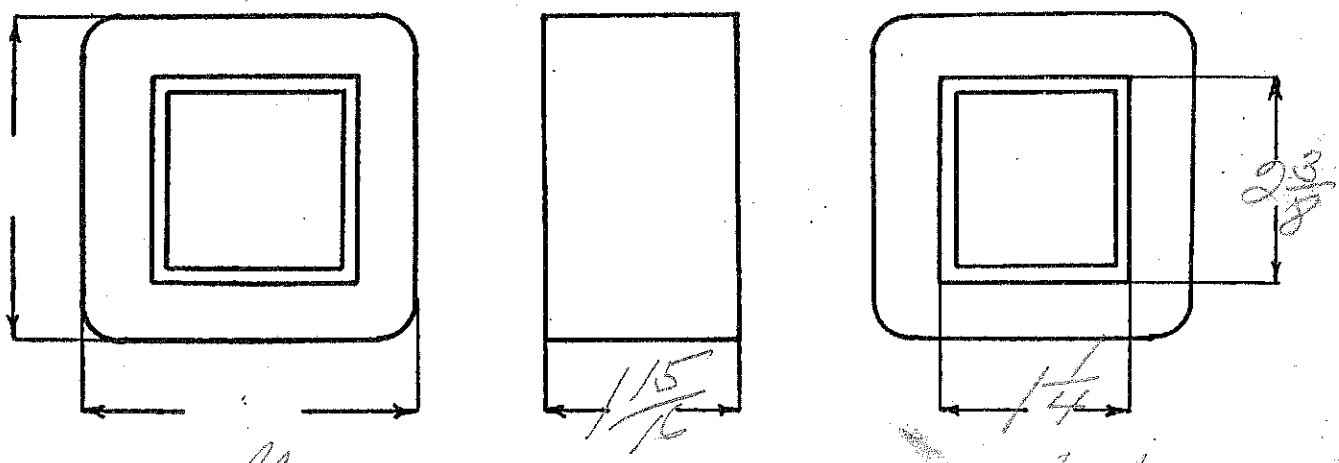
SPEC. NO. 4252

Winding	SEC	SHLD	PRI	F1	F2	F3	
Turns	1800	1	262	12	6	6	
Taps	900				3	3	
Wind. Lgth.	1.25	←	←	←	←	←	
Wire Size	#29	Shim	#19	#17	double #15	#15	
T. P. L.	129-14		41-6½				
Finish							
Type Lead	#20 PBr		#20 PBr	wire only			
Lead Lgth.	9"		9"	9"	9"	9"	
Layer Insul.	double 20#		.007K				
Test Volt.							
Wrapper	1400 WC 3 Lbs	2L007GA	2L007GA	←		2L007GA	

TUBE 7L007 IMPREGNATION Varnish

CORE GA. GRADE STACK

MOUNTING A



DESIGNED BY GW DATE 10/26/38

Eb-115 PIERSON - WELDING

Es - 760V CT - 150 ma 2.4

Ef - 5V - 3 amp Ef - 6.3V - 6 amp SPEC. NO. 4253

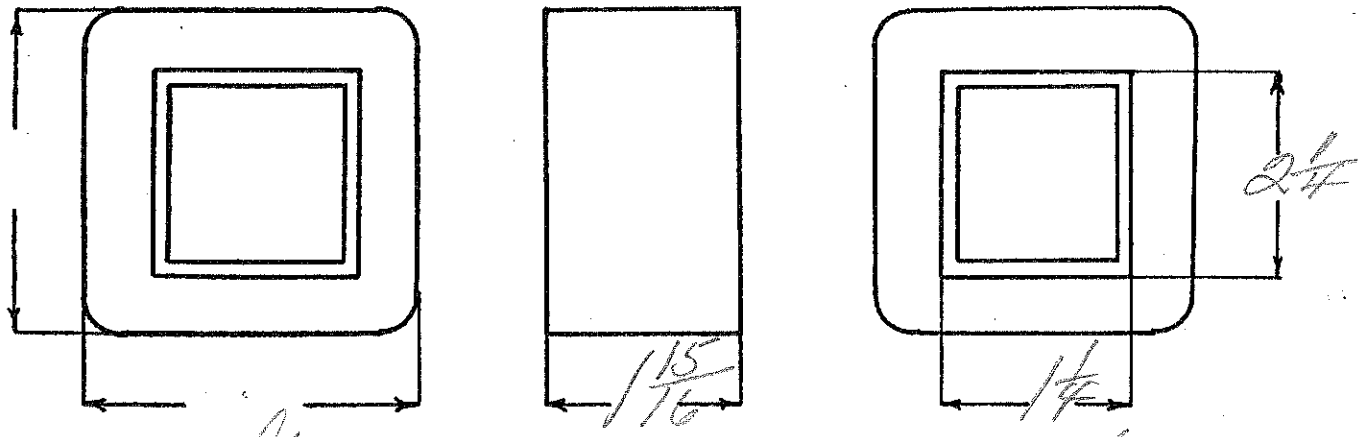
Winding	SEC	SH	PR1	F1	F2		
Turns	1940		275	13	16		
Taps	970		–		–		
Wind. Lgth.	1.25						
Wire Size	#29	#29	#20	#18	#14		
T. P. L.	125-16		47-6				
Finish							
Type Lead	#28		#26	wire only			
Lead Lgth.							
Layer Insul.	double 20#		50#				
Test Volt.							
Wrapper	16007VC	16025VC	26007GA	✓	26007GA		

TUBE	76007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING SA - Black lamination Good - shell

10/27/38



DESIGNED BY [illegible] DATE 10/24/38

Eb 110
Es - 8.5V - 4 amps

5.85

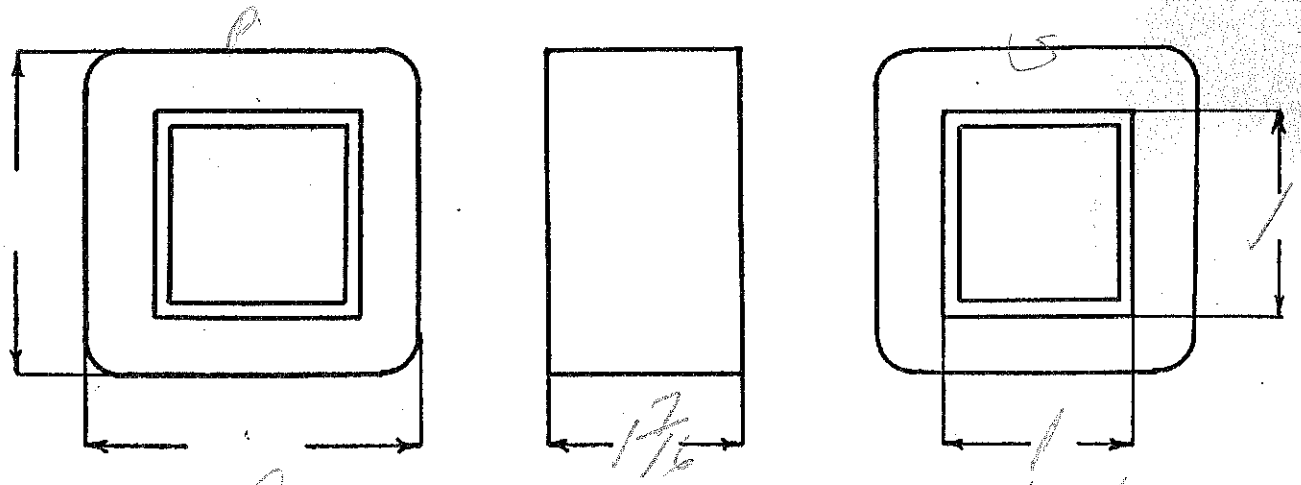
SPEC. NO. 4254

Winding	P	S					
Turns	640	57					
Taps	—	—					
Wind. Lgth.	1.25						
Wire Size	#27	#16					
T. P. L.	749	3					
Finish	wire	only					
Type Lead							
Lead Lgth.	3"	3"					
Layer Insul.	4 oz						
Test Volt.							
Wrapper	2 oz 5GA	2 oz 5GA					

TUBE	52007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING B



DESIGNED BY [illegible]

DATE 10/26/32

Ep-115

E3-7.5V-25 amp

E.J. ROSE

BRISTOW & CO.

7.6

SPEC. NO. 4255

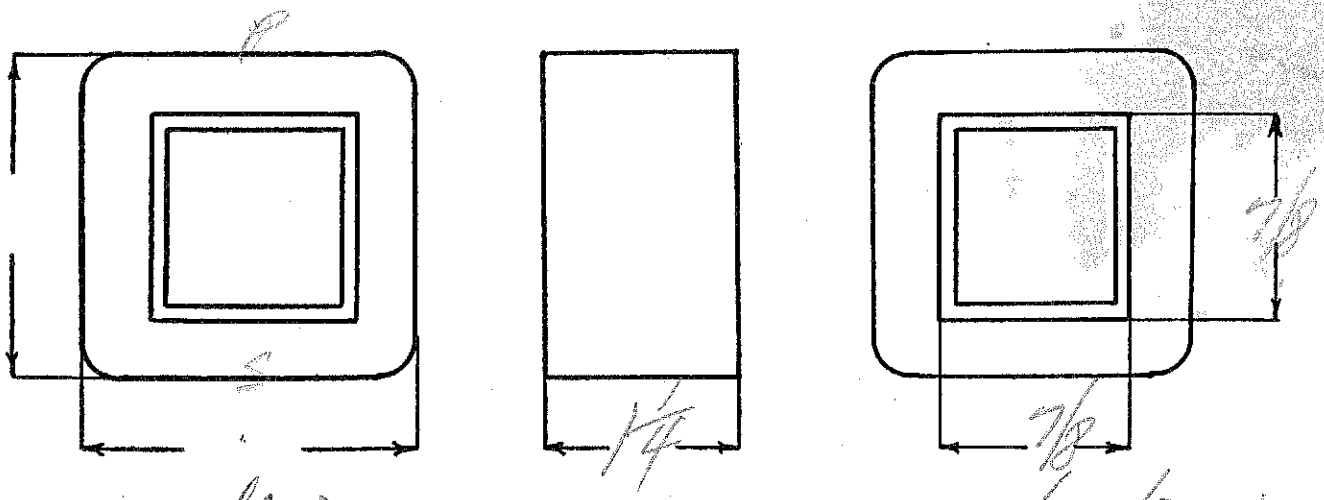
POWER

Winding	PRI	SEC					
Turns	875	64					
Taps		32					
Wind. Lgth.	1 1/16						
Wire Size	#29	#18					
T. P. L.	80-11	5L					
Finish	Sil Var	W.O.					
Type Lead							
Lead Lgth.	3"	3"					
Layer Insul.	30#						
Test Volt.	—	—					
Wrapper	2W05GA	2W05GA					

TUBE	5L057	IMPREGNATION	Varnish

CORE	GA. 24	GRADE	STACK

MOUNTING D



DESIGNED BY GW

DATE 10/24/38

EP-120
ES - 200VCT - 15ma
EF - 5V - 1.5 amp
EF - 6V - .3 amp

PACKARD-BELL COMPANY

9.6

SPEC. NO. 4256

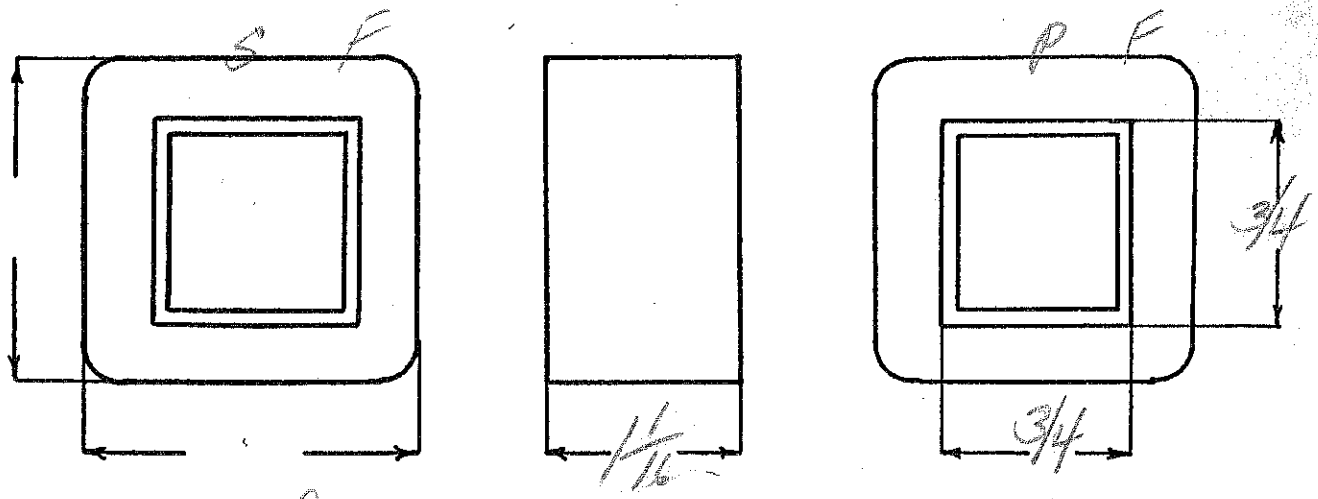
Winding	SEC	SHIELD	PRI	F	F		
Turns	2240	100	1150	68	55		
Taps	1120		—	—	—		
Wind. Lgth.	7/8						
Wire Size	#40	#33	#33	#28	#22		
T. P. L.	224-10		100-12	56-2	29-2		
Finish							
Type Lead	#22	Collar			W.O		
Lead Lgth.	9"	✓	✓	✓	✓		
Layer Insul.	16#		30#	50#			
Test Volt.							
Wrapper	1605VC	1605VC	1605VC	2405GA	✓		

TUBE 4007 IMPREGNATION

CORE GA. 24 Ga GRADE 7 STACK 2x2

MOUNTING Special - D Bracket with Covers

6.3 - White



DESIGNED BY JW DATE 11/5/38

Ed-120
E3-720V open
EF-5V-2amp
EF-6.3V-2 amp

REMLER CO., LTD.

N/E=5 white green

SPEC. NO. 4257

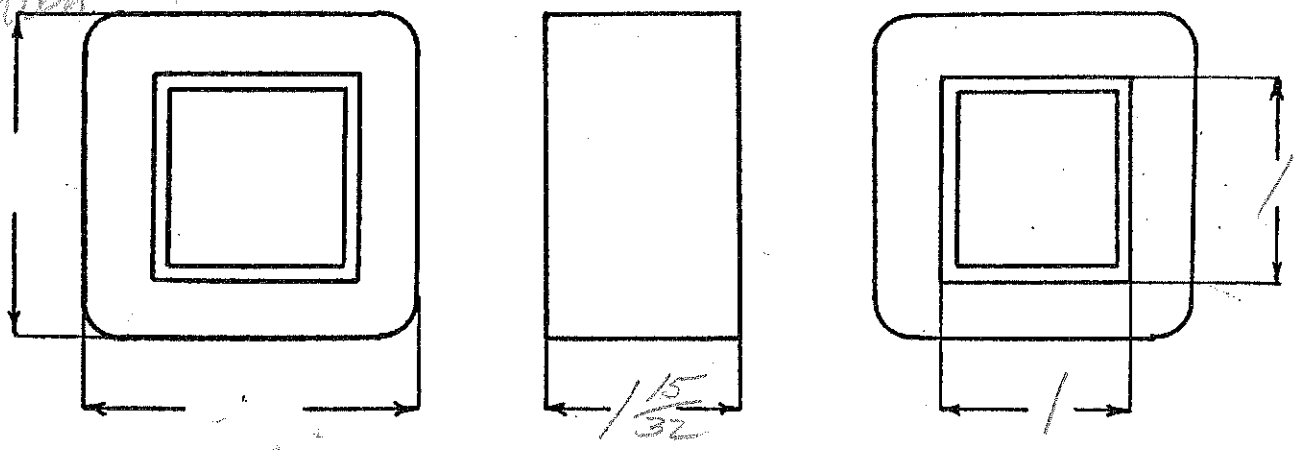
Winding	SEC	SHIELD	PRI	F1	F2		
Turns	3600	67	600	28	34		
Taps	1800						
Wind. Lgth.	1 3/32	"	"	"	"		
Wire Size	#37	#26	#26	#21	#21		
T. P. L.	226-16		67-9				
Finish							
Type Lead	#22 cellu		#22 cellu				
Lead Lgth.							
Layer Insul.	double 14#		40#				
Test Volt.							
Wrapper	1005VC	1005VC	2005GA	2005GA	2005GA		

TUBE	52007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A

Pri - black
Sec - red - yellow CT 370
5V - yellow 5.8
6.3 - green 7.1



DESIGNED BY Blw

DATE 11/2/38

EP 105-115-125
ES 10V CT - 8A
ES 2.5V CT - 10

FISCHER CORP.

N/E = 3.64 B_0 = 11.2

SPEC. NO. 4258

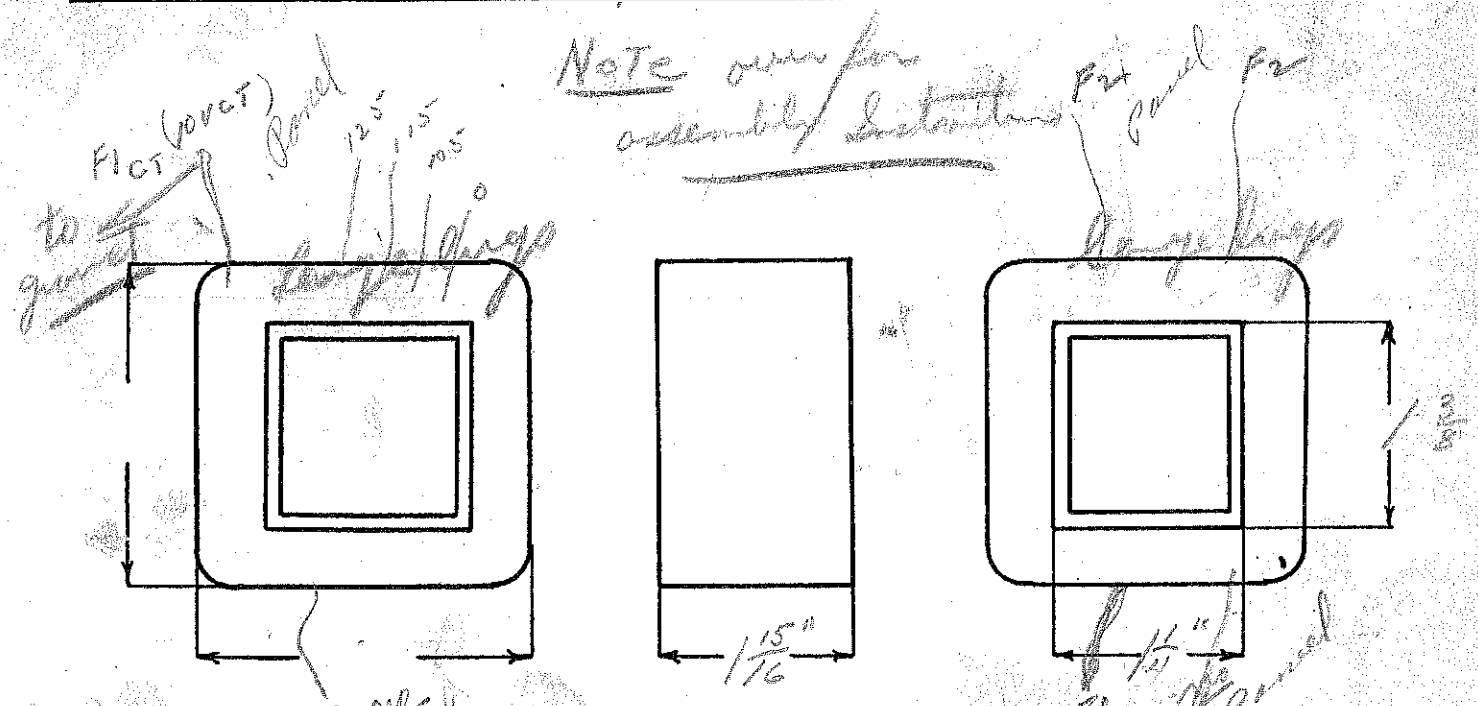
Winding	Pri	F1	F2				
Turns	455 420	41	11				
Taps	380	20½	5½				
Wind. Lgth.	1¾"						
Wire Size	#21	#13	#12				
T. P. L.	53 - 9L	2L	1L				
Finish							
Type Lead	Wire Only						
Lead Lgth.							
Layer Insul.	50#	.007 GK					
Test Volt.			5000				
Wrapper	2L.007GA	2L.007GA 2L.007GA	2L.007GA 2L.007GA				

TUBE 2L.007" GK IMPREGNATION Varnish

CORE 1¼ X 1⅜ GA. 24 GRADE D STACK 2X2

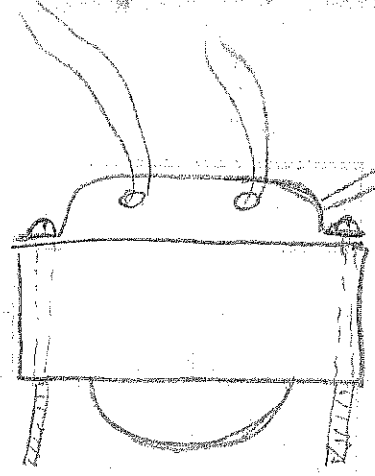
MOUNTING C Mount directly on Fischer 106-64 Chassis

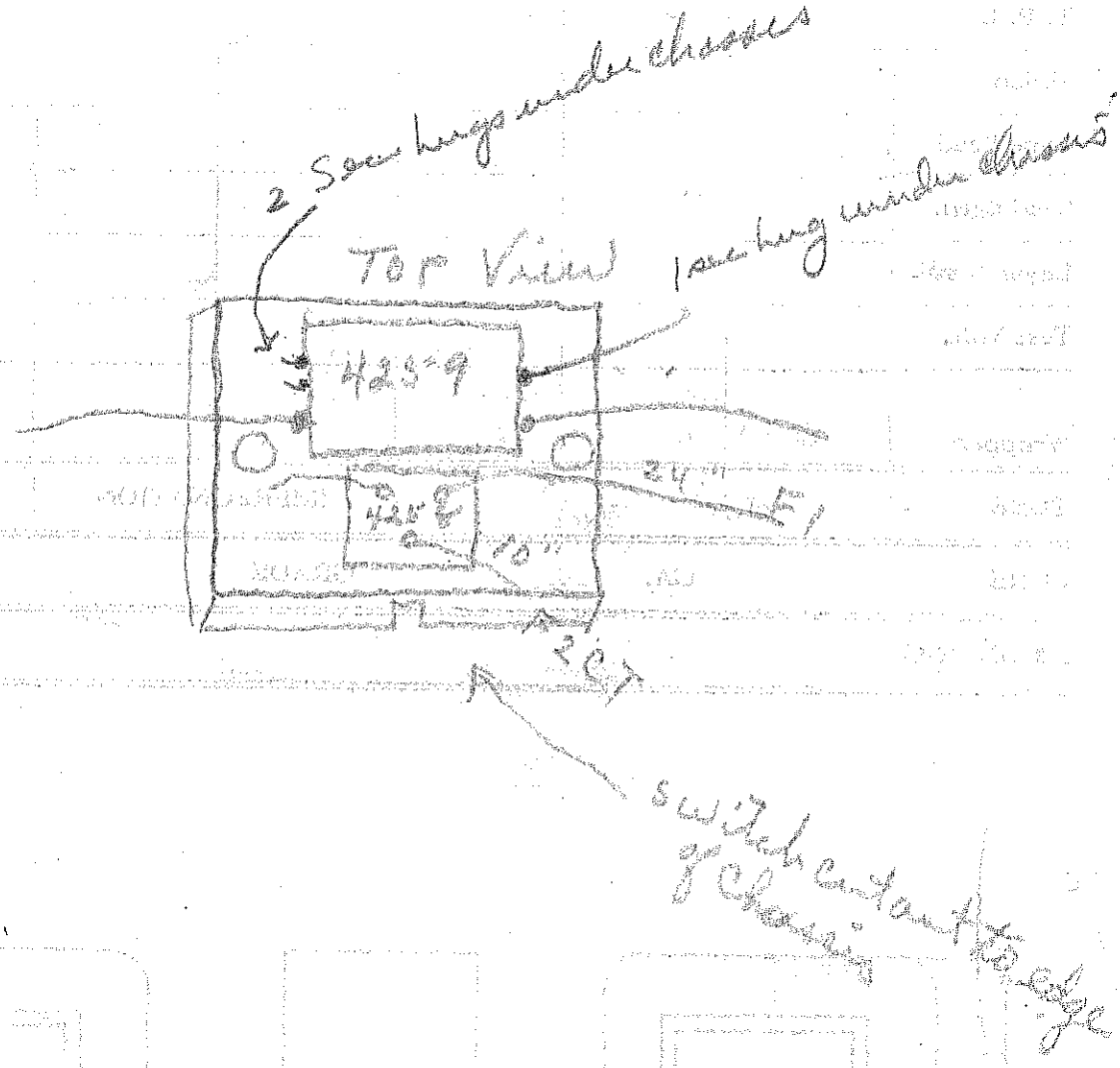
Note over for assembly instructions



DESIGNED BY F3 Pri C.T. Panel

DATE Revised 1/8/40





E_p = 6.6, 6.6
P_2 = 5.95
P_3 = 5.3
E_2 = 1.48, 1.48

E_P - 105 - 115 - 125 — 25 ~
E_F - 10 V C.T. - 8A.
E_F - 2.5 V C.T. - 10A

SPEC. NO. 4258-25~

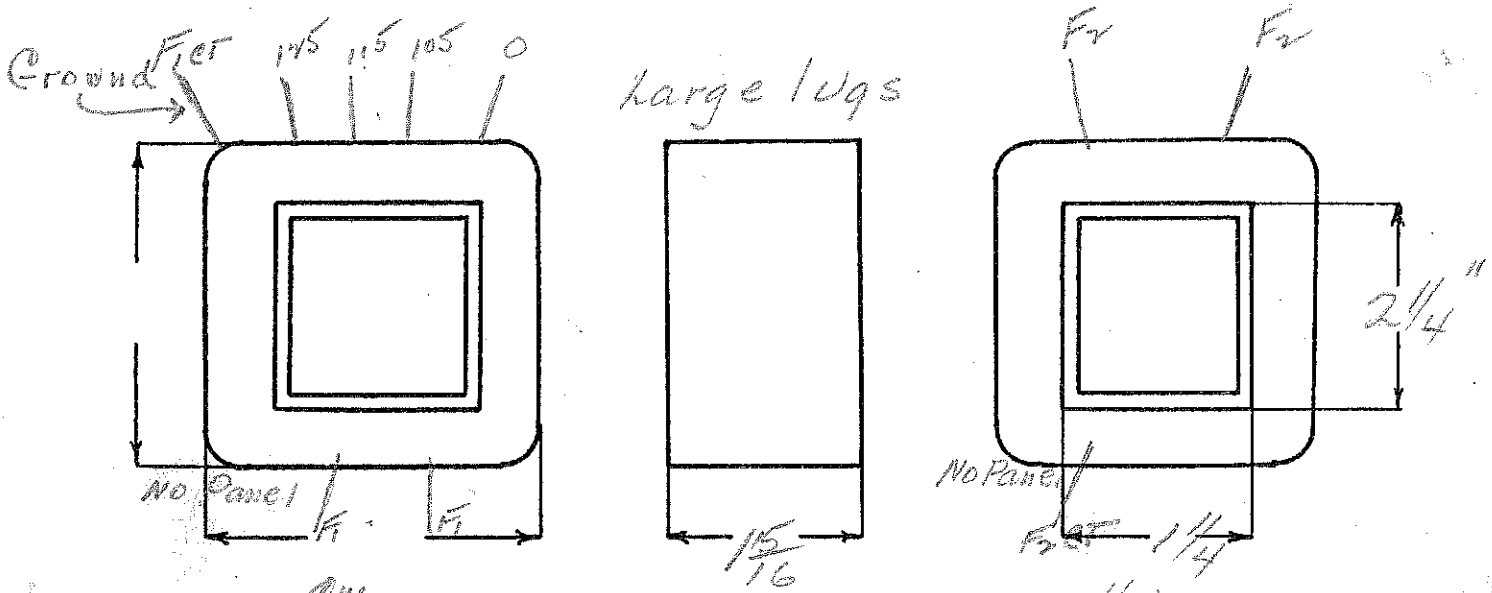
Winding	Pri	F_1	F_2				
Turns	455 420	41	11				
Taps	380	20½	5½				
Wind. Lgth.	1¾"						
Wire Size	#21	#13	#12				
T. P. L.	53-9L	2L	1L				
Finish							
Type Lead	Wire Only						
Lead Lgth.	3"	3"	3"				
Layer Insul.	50#	.007"K					
Test Volt.	1250	1250	5000V				
Wrapper	7L.007GA	7L.007VC 7L.007GA	7L.007VC 7L.007GA				

TUBE 7L.007K IMPREGNATION Varnish

CORE 1¼" x 2¼" GA. 24 GRADE D STACK 2 x 2

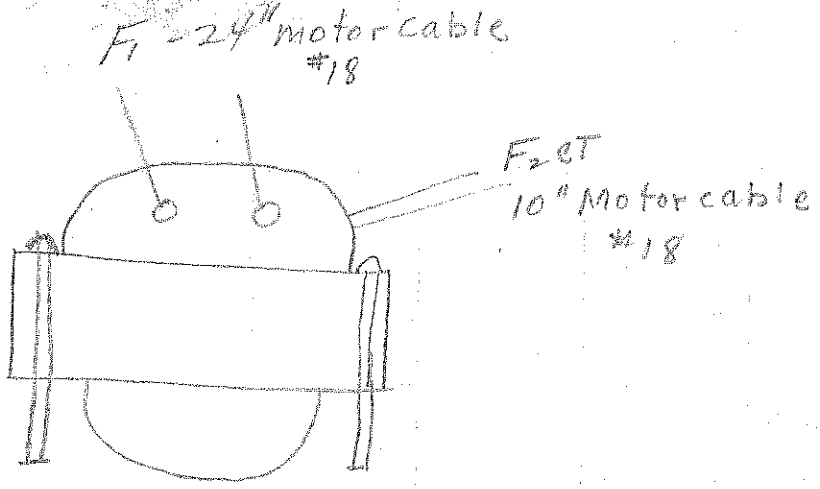
MOUNTING C - Mount on Fisher #106 - C4 Chassis

Over for assembly Data.



DESIGNED BY C.W.
25~ - J.S.

DATE 4/8/40


F1 - 24" motor cable
#18
F2 ET
10" Motor cable
#18

E_P = 110 – 150 – 220 V – 50 ~
Series or parralel operation

FISCHER CORP.

E_S = 10 V C.T. – 8 amp
E_F = 2.5 V CT – 10 amps. N/E = 2.86

SPEC. NO. H258-4 UV

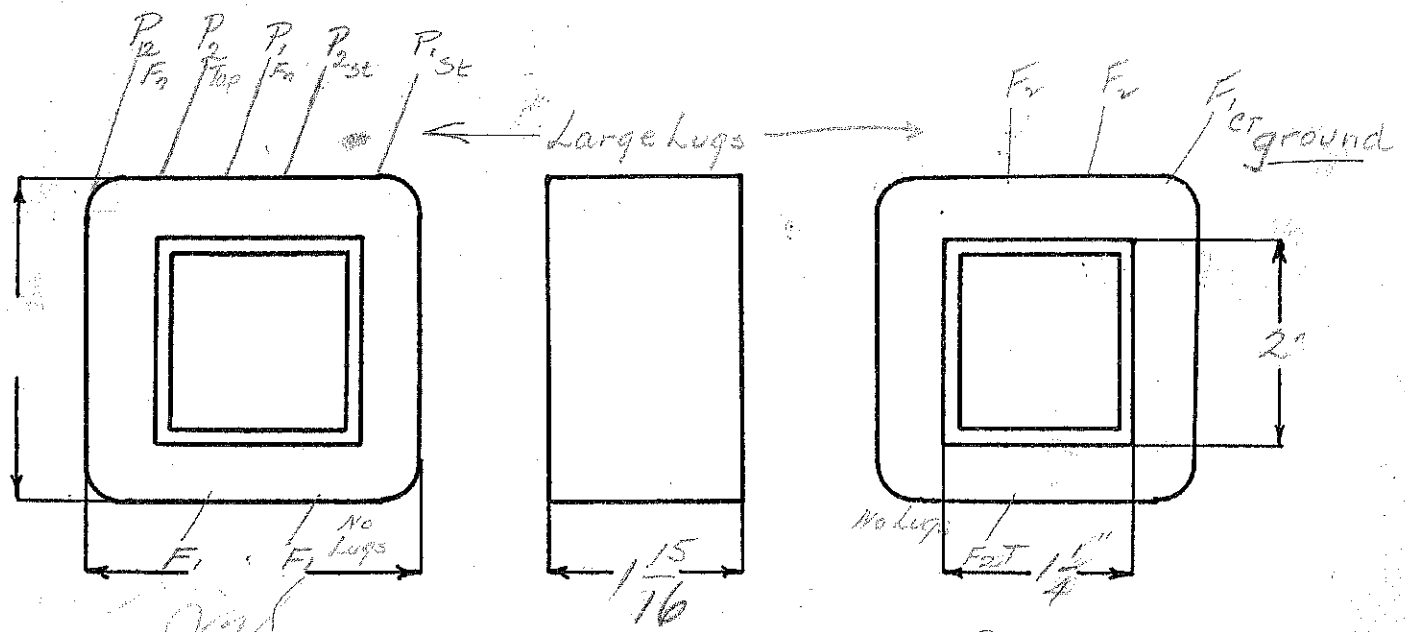
Winding	Pri	Pri	Fil.	Fil.			
Turns	314	314	31	8			
Taps		116	15½	3½			
Wind. Lgth.	1.75	1.75	1.75	1.75			
Wire Size	#22	#22	#13	#12			
T. P. L.	58 – 6	58 – 6	2L	one layer exact Center			
Finish							
Type Lead	Wire Only						
Lead Lgth.	6"	6"	6"	6"			
Layer Insul.	50#	50#	.007				
Test Volt.	1250.	1250	1250.	5000			
Wrapper	1L007VE	2L007GA	2L007VE 2L007GA	2L007VE 2L007GA		Double	

TUBE 7L007 K IMPREGNATION Varnish

CORE 1¼ x 2 GA. 24 GRADE D STACK 2 x 2

MOUNTING "C" Mount on Fisher 106-C4 Chassis

Primary Must be coded



DESIGNED BY JCS DATE 9/40

EP-115

Es-4200VCT-400ma

FISCHER CORP.

NOTE
Re-call Prototype [illegible]

SPEC. NO. 4259

Winding	S	P					
Turns	4740	115					
Taps	2370						
Wind. Lgth.	3 7/16	3 7/16					
Wire Size	#25	#11					
T. P. L.	158-30						
Finish		N.O.		Start as lead on Coil			
Type Lead	#14 Motor Cable						
Lead Lgth.		4'		Ground to Base of Transformer			
Layer Insul.	double #[illegible]						
Test Volt.							
Wrapper	4400VC 4005GA	3400SGA					

TUBE 10200 7-2100 VC IMPREGNATION [illegible]

CORE 2 x 3 1/4 GA. 26 GRADE STACK

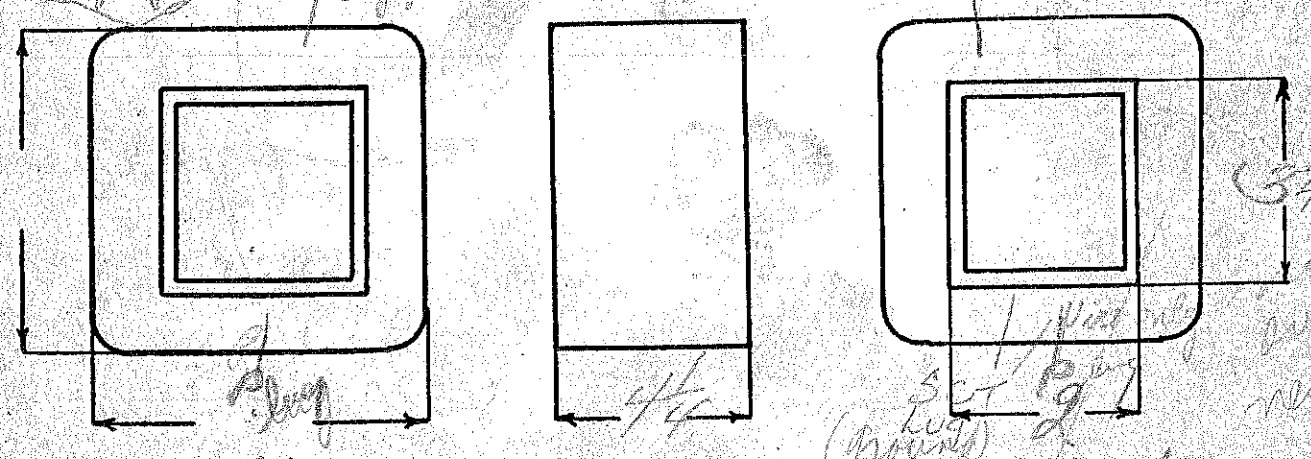
MOUNTING C-3 leadout vented shell thru [illegible] mounting brackets 106 [illegible]

Pri to leads

HT VC [illegible] Cased put on plug for motor cable.

8"

S Dwg



DESIGNED BY Guerner ones DATE 10/26/38

Ep = 110 – 150 – 120 V
for series – parrallel operation
Es = 4000 V CT @ 4 ma.

FISCHER CORP.

Mf = .8 v

SPEC. NO. 4259-Ucov.

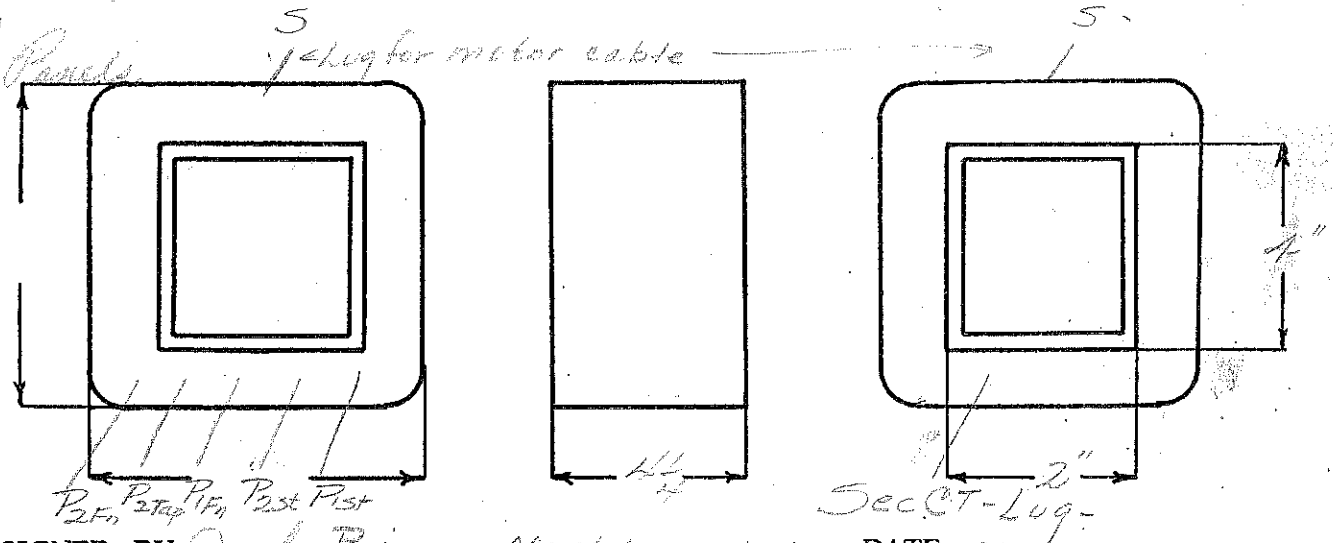
Winding	Sec	Pri	Pri				
Turns	3800	90	90				
Taps	1900		33	Start Lead on coil			
Wind. Lgth.	3 7/16"	–	–	6" Dulac on start			
Wire Size	#35	#12	#12	and Finish 2 wire			
T. P. L.	160 – V4	39 – 3	39 – 3	Only Center Tap.			
Finish	*						
Type Lead	H.O	H.O	H.O				
Lead Lgth.	6"	6"	6"				
Layer Insul.	D-40#	.007"	.007"				
Test Volt.	7500	1250	1250				
Wrapper	4K007VC 2K007GA	3K007GA	3K007GA				Double

TUBE 10K007K + 1K007VC IMPREGNATION Varnish

CORE 2" x 4" GA. 24 GRADE D STACK 1 X 1

MOUNTING "C" Leads out vented shell three sides
Drawing and 106-CX Chassis
8" Motor Cable leads on dec –

4K VC
2K GA
Window Panels



DESIGNED BY J.J. Primary Must be coded. DATE 9/40

Ep = 115 V – 25 ~
Es = 4200 CT. – 400ma

FISCHER CORP.

SPEC. NO. 4259-25~

Winding	Sec	Pri					
Turns	4740	115					
Taps	2370						
Wind. Lgth.	3 7/16"	3 7/16"					
Wire Size	#25	#11					
T. P. L.	158-30						
Finish					C.T. to lug on panel.		
Type Lead	#20 Dulac C.T. Wire Only	W.O					
Lead Lgth.	6"	6"					
Layer Insul.	D #40	.007K					
Test Volt.	5000V	1V50					
Wrapper	4L.007VE 2L.007GA	3L.005GA					

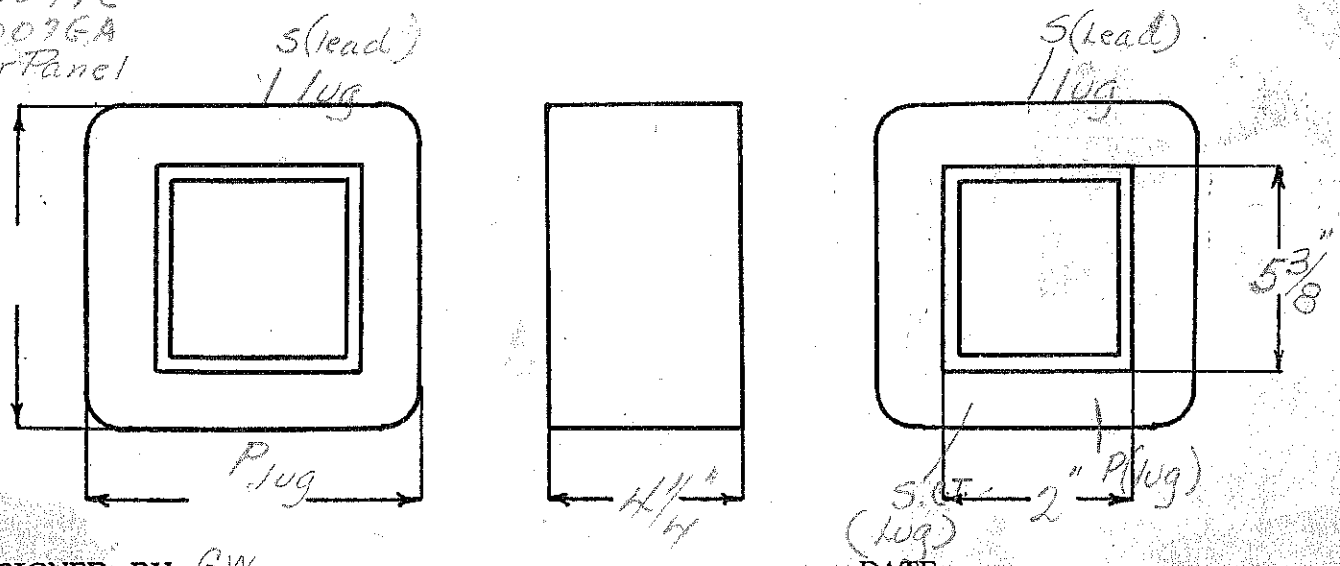
TUBE 10L.007K + 2L.007VE IMPREGNATION Varnish

CORE 2" x 5 3/8" GA. 24 GRADE D STACK 2 x 2

MOUNTING "C" – Leads out vented Shell thru sides
Mount on Fisher 106-4C chassis.

Pri to Lugs.

4L.007VE
2L.007GA
under Panel



DESIGNED BY G.W. J.T.S 25~

DATE 4/8/40

E_p - 220V
E_s - 700VCT-65Ma
E_s - 500VCT-40Ma
E_f - 5V-2Amp
E_f - 5V-2Amp
E_f - 2.5VCT-2Amp
3.65

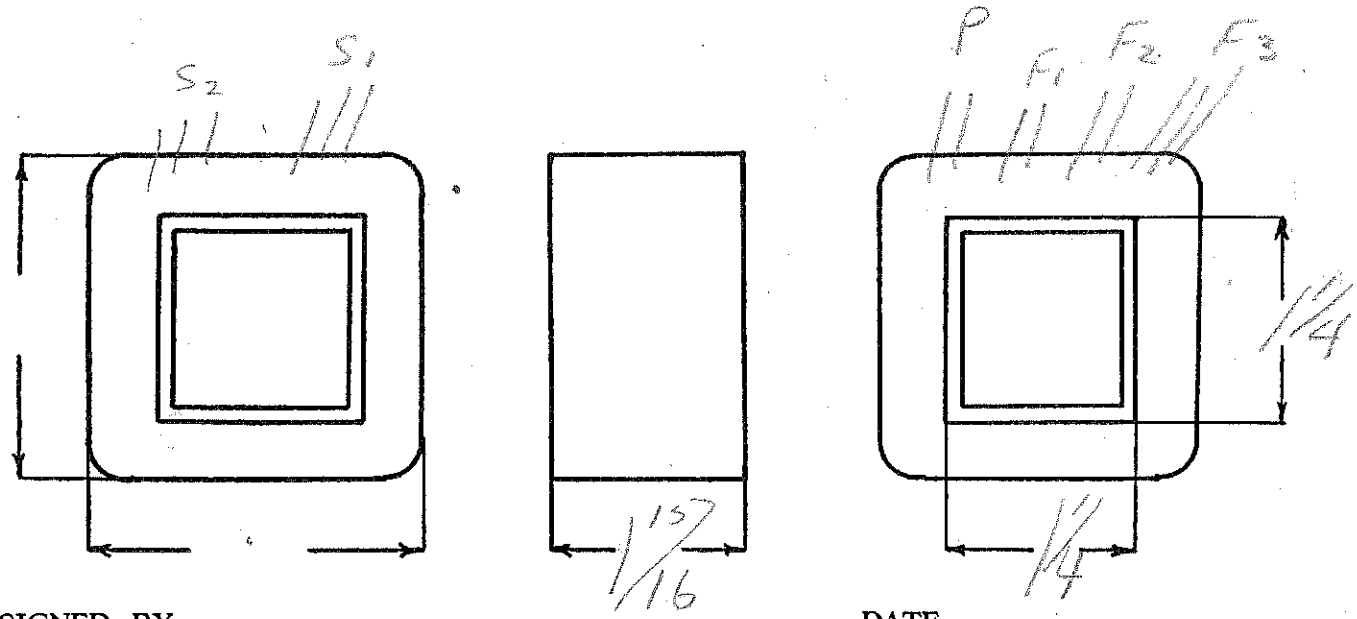
SPEC. NO. 4260-220V

Winding	Sec.	Sec.	Shield	Pri	F_1	F_2	F_3
Turns	2750	2000	91	802	20	20	10
Taps	1375	1000		—			5
Wind. Lgth.	1 3/4						
Wire Size	#34	#36	#26	#26	#20	#20	#20
T. P. L.	230-12	270-8	91	91-9			
Finish							
Type Lead	Lil Bn			Twisted Daily			
Lead Lgth.	3"	3"	3"	3"	3"	3"	3"
Layer Insul.	Double 16#			50#			
Test Volt.	Standard						
Wrapper	2L005VC	1L007VC	1L007VC	2L005GA			2L005GA

TUBE	7L007GK	IMPREGNATION	Double Varnished

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

MOUNTING B



DESIGNED BY

DATE 4-26-39

E_p - 240V
E_s - 700VCT - 65Ma
E_s - 500VCT - 40Ma
E_f - 5V - 2Amp
E_f - 5V - 2Amp
E_f - 2.5V - 2Amp - C.T.

SPEC. NO. 4260-240V

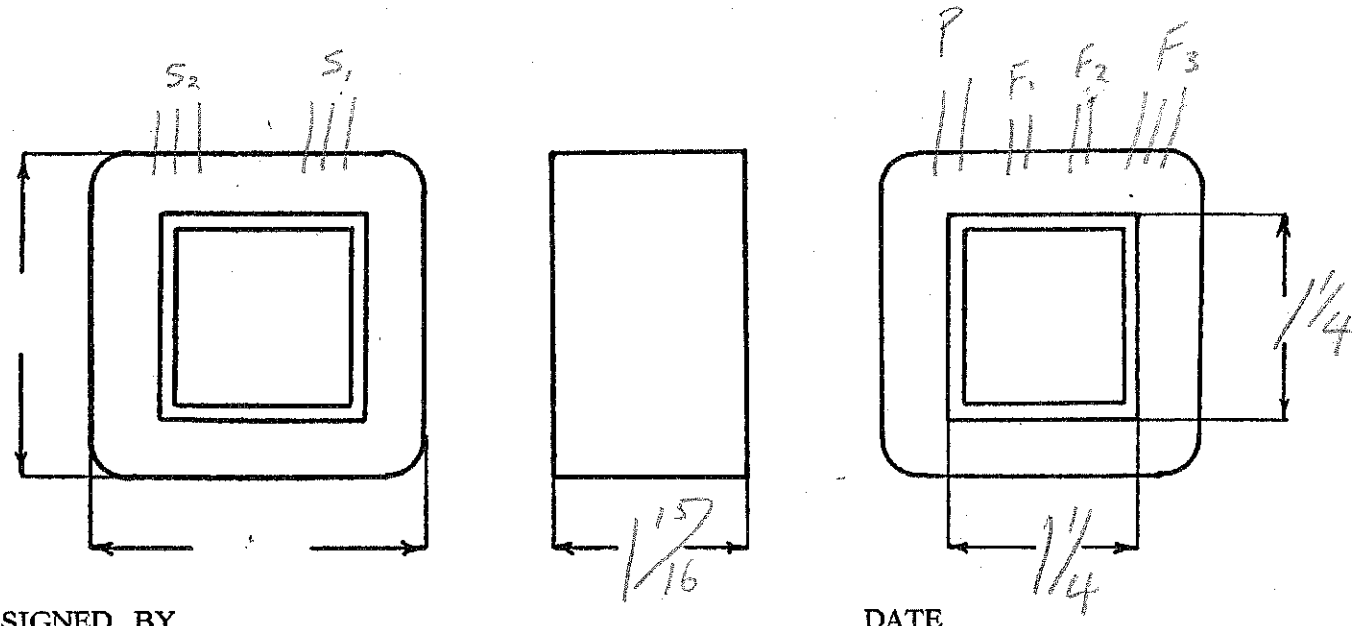
3.65"

Winding	Sec. 1	Sec. 2	Shield	Pri	F_1	F_2	F_3
Turns	2750	2000	91	875	20	20	10
Taps	1375	1000	—	—			5
Wind. Lgth.	1 3/4						
Wire Size	#34	#36	#26	#26	#20	#20	#20
T. P. L.	230-12	270-8	91	91-10			
Finish							
Type Lead	Sil Braid		Twin Cable				
Lead Lgth.	3"	3"	3"	3"	3"	3"	3"
Layer Insul.	double 16#			50#			
Test. Volt.	Standard						
Wrapper	2L005VC	1L007VC	1L007VC	2L005GA			2L005GA

TUBE	7L007GK	IMPREGNATION	Double Varnish

CORE 1¼ x 1¼ GA. 24 GRADE D STACK 2 x 2

MOUNTING B



DESIGNED BY

DATE 4-26-39

E_p - 115V E_f - 5V - 2amp BRISTOW Power

E_s - 700VCT 65mm E_f - 5V - 2amp

E_s - 500VCT 40mm E_f - 2.5V - 2amp - C.T. 3.65

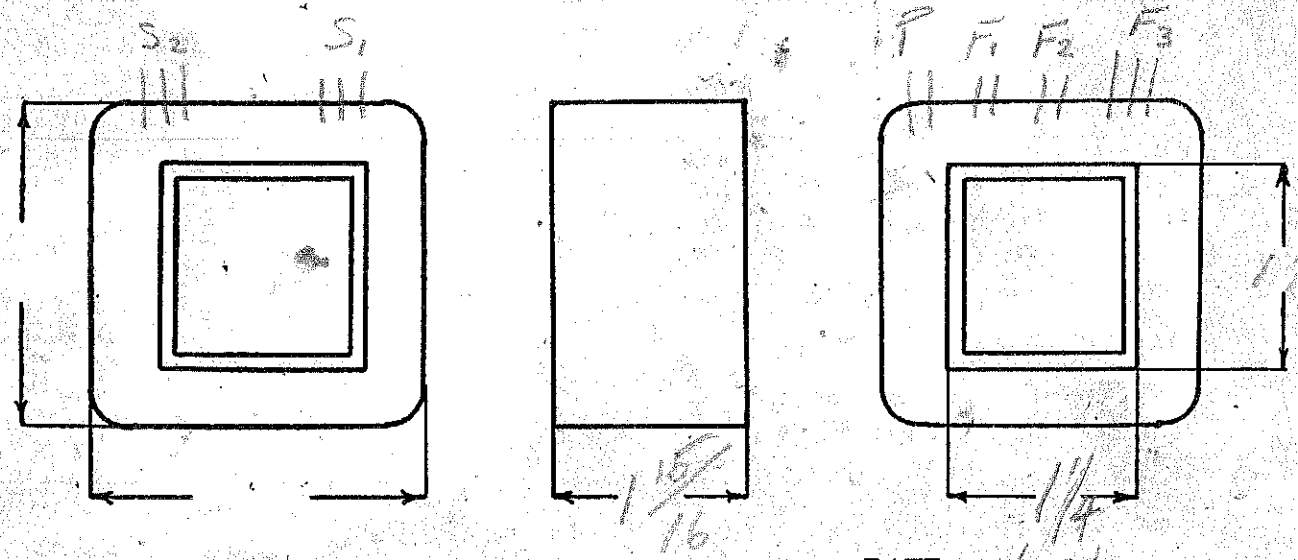
SPEC. NO. 4260

Winding	Sec.	Sec.	Shield	Pri.	F_1	F_2	F_3
Turns	2750	2000	65	420	20	20	10
Taps	1375	1000					5
Wind. Lgth.	1.75						
Wire Size	#34	#36	#23	#23	#20	#20	#20
T. P. L.	230-12	270-8		65-7			
Finish							
Type Lead	Sil Braid			Wire Quality			
Lead Lgth.	3"	3"					
Layer Insul.	d-16	d-16		50			
Test Volt.							
Wrapper	2L005VC	1L007VC	1L007VC	2L005GA			2L005GA

TUBE 7L007 IMPREGNATION Varnish

CORE 1 1/4 x 1 1/4 GA. 24 GRADE D STACK 2 x 2

MOUNTING BB



DESIGNED BY DW DATE 11/28/38

Ep - 115
Es - 850 Volts 150 ma
Ef - 5V - 2 amps

Ef 6.3 Volt - 4.1 amps
Ef - 6.3V - 3 amps

KEMLER CO. LTD.

SPEC. NO. 4261

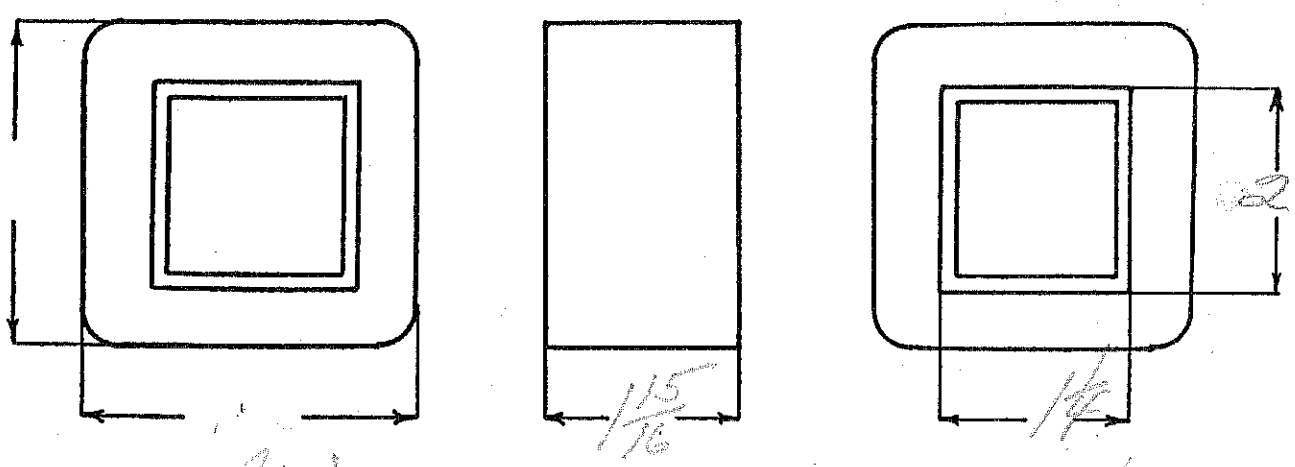
Winding	SEC	SHIELD	PRI	F1	F2	F3	
Turns	2500	1	310	15	18	18	
Taps	1250				9		
Wind. Lgth.	1.25						
Wire Size	#30	SHEET	#21	#20	#16	#17	
T. P. L.	140-18	COPPER	52-6				
Finish							
Type Lead	#30 PBR	SOFT	#20 PBR	wire only			
Lead Lgth.	9"	3"	9"	9"	9"	9"	
Layer Insul.	double 20#		50#				
Test Volt.							
Wrapper	1400 7KC 3L 20	1400 7KC	2400 7GA	2400 7GA		2400 7GA	

TUBE	7L007	IMPREGNATION	Varnish

CORE GA. 24 GRADE D STACK 2x2

MOUNTING A

Gr. 6.5
Wa 7.2
Wha 7.2
380



DESIGNED BY [illegible] DATE 10/31/38

E_p - 120 E_f - 5V - 2 amp

E_s - 660V open E_f - 6.3VCT - 2 amp

E_s - 24V - .5 amp

SOUND PRODS. CO.

$\frac{N}{E} = 3.93$

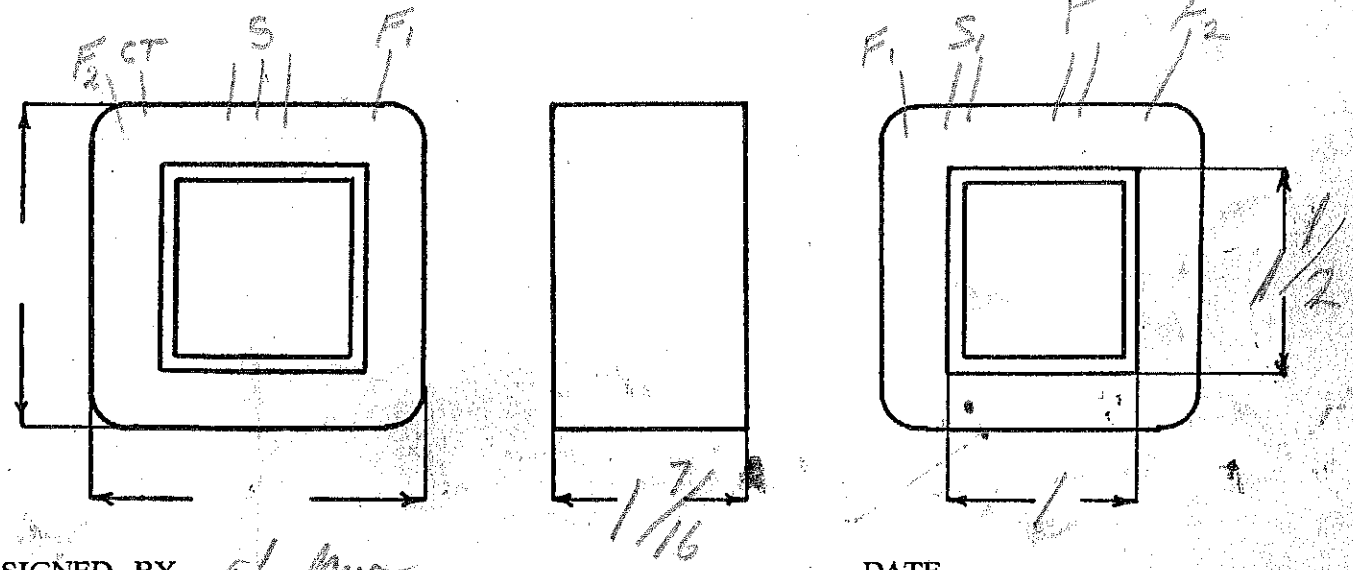
SPEC. NO. 4262

Winding	Sec	Shield	Pri	Sec 1	F_1	F_2	
Turns	2600	59	472	105	22	28	
Taps	1300					14	✓
Wind. Lgth.	1 1/4	—	—	—	—	—	
Wire Size	#37	#25	#25	#25	#20	#20	
T. P. L.	220-12		59-8	59-2			
Finish							
Type Lead	Lil Bn	Wire Overlap					
Lead Lgth.	3"	—	—	—	—	—	
Layer Insul.	double 16#		40#	40#			
Test Volt.							
Wrapper	1L007 VC	1L005 VC	1L005 VC	2L005 GA	✓	2L005 GA	

TUBE 5L007 GK IMPREGNATION Varnish

CORE 1 X 1 1/2 GA. 24 GRADE D STACK 2 X 2

MOUNTING C



DESIGNED BY Oh Bur DATE

Ep - 120 @ 60 ~
Es - 650 V. Open - 40 Ma.
Ef - 5 V. - 2 Amp.
Ef - 6.0 V. - 1.6 Amp.
POWER

Nemler Company, Ltd.
similar to 3356 - lower ill.

-191 SPEC. NO. 4264

Winding	SEC	SHIELD	PRI	WHITE F_1 Reg.	GREEN F_2 Reg.		
Turns	3100	1	600	28	33		
Taps	1550	—	—	-	-		
Wind. Lgth.	1-3/32	1-3/32	1-3/32			=1.094"	
Wire Size	#37	Copper Sheet	#28	#21	#22		
T. P. L.	194-16	5-3/8" long	67-9	28-1h	33-1h		
Finish	87%	—	83%	76%	80%		
Type Lead	#22 ~~Collac~~ Dulac		4 #22 Pri Bu Collac	W.O.	W.O.		
Lead Lgth.	6½ Customer specs		4"	6½"	6½"	(from hse)	
Layer Insul.	Double 14#	—	40#	—	—		
Test Volt.	2500		1500	2500	1500		
Wrapper	1L.005VC	1L.005VC	2L.005GA	2L.005GA	2L.005GA		

TUBE	5L.007	IMPREGNATION	VARNISH

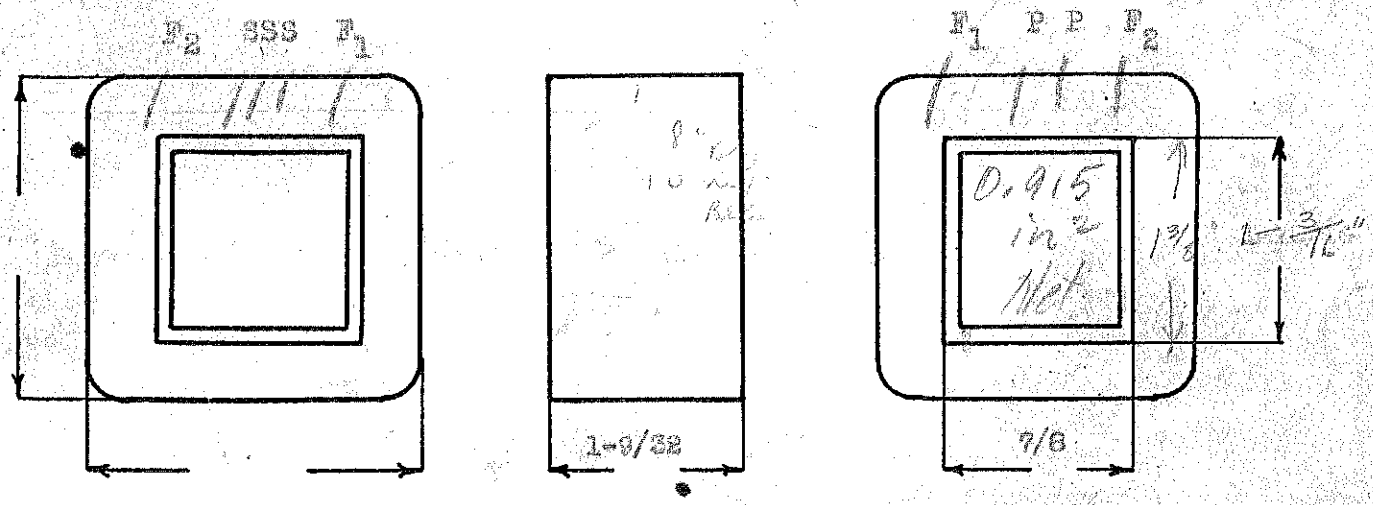
CORE 1¼" x 1 3/16" GA. 24 GRADE D STACK 2 x 2

MOUNTING "A"

P - Black
S - Red, Yellow Center tap
5v - Yellow
6.3v - green

Cu = 830-446-405-400.
Fe = 82 @ 60n
TPV = 5.0
Wire Net = 0.304" (0.297")

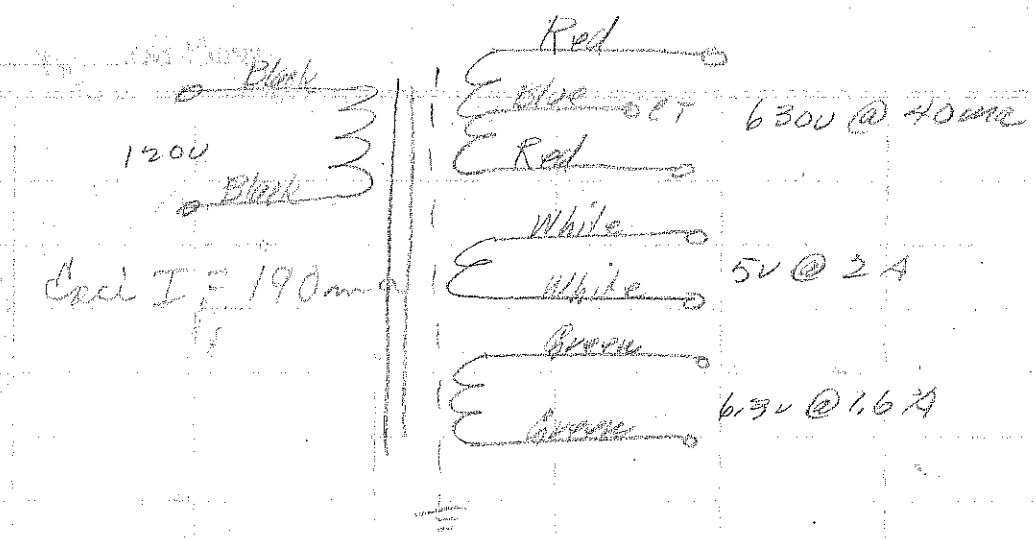
S Sec VA = 32
Pri VA = 43
Pri I = 358 ma
η = 83 Cosφ = 70



DESIGNED BY GW DATE 11/2/38

over

$1.60


Red
Black
Blue CT
630V @ 40mA
120V
Red
Black
White
Coil I = 190mA
5V @ 2A
White
Green
6.3V @ 1.6A
Green

Ep - 115
Es - 710V open
Ef - 5V - 2 Amp.
Ef - 6.0V. - 2 Amp.

similar to 4098-A - higher volt.

File Copy

n/o 5.8

SPEC. NO. 4265

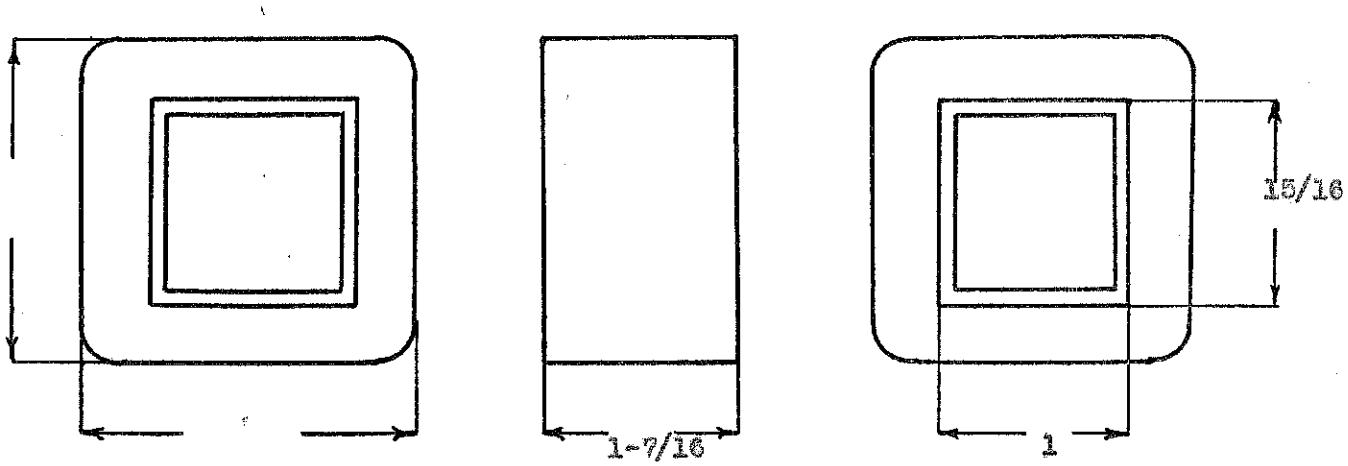
Winding	SEC	SHIELD	PRI	White F_1 Reg	Green F_2 Reg		
Turns	4100		695	32	40		
Taps	2050						
Wind. Lgth.	1.25						
Wire Size	#37	#27	#27	21	#21		
T. P. L.	228-18		72-10				
Finish							
Type Lead	#22 Cellac		#22 Cellac	Wire	only		
Lead Lgth.	see back of spec						
Layer Insul.	Double 14#		40#				
Test Volt.							
Wrapper	1L005VC	1L005VC	2L005GA	2L005GK	2L005GK		

TUBE	5L007	IMPREGNATION	Varnish

CORE 1" X 15/16" GA. 24 GRADE D STACK 2 x 2

MOUNTING A

Pri. - Black
Sec. - Red, Yellow C.T.
5V - Yellow
6.3V - Green



DESIGNED BY GW

DATE 11/2/38

Ep-120
ES- 730V open - 115ma
EF- 5V- 2amps
EF- 6.3V-5.5 tap-3.7amps

80-42-42-25-6J5-6A8-6K7-6K7-6V6
2 pilot lights

GILFILLAN BROS.

SPEC. NO. 4266

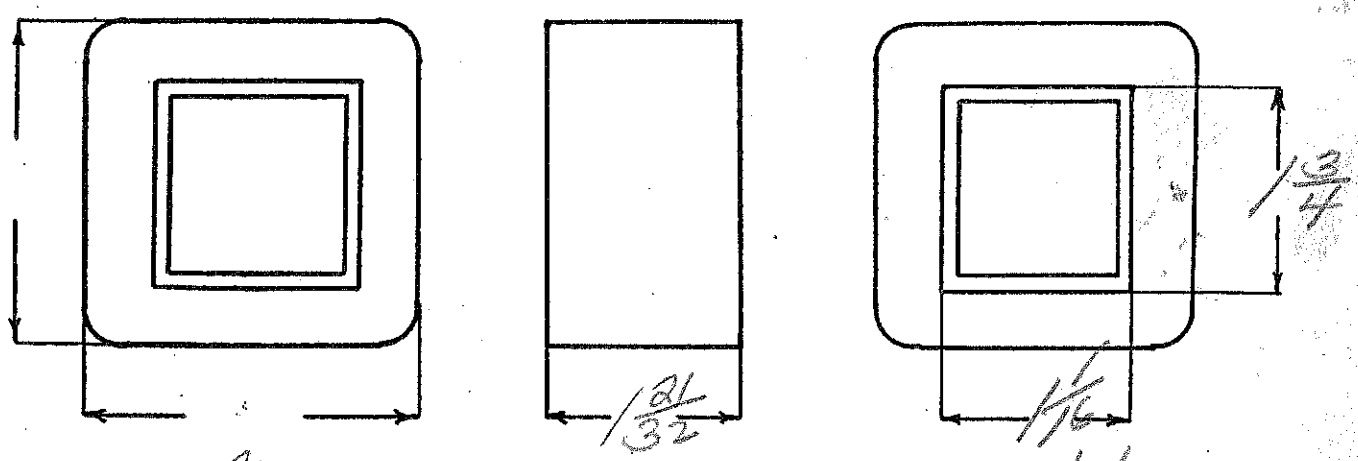
Winding	SEC	SHIELD	PRI	F1	F2		
Turns	2440	1	400	18	23	- Blue	
Taps	1220			—	20	- Red	
Wind. Lgth.	1 21/32				0	- Black	
Wire Size	#32	Copper Sheet	#22	#20	#17		
T. P. L.	153-16		50-8				
Finish							
Type Lead	#20 Dbr	Silbr	#20 Dbr	WIRE OUT			
Lead Lgth.	Customers	specs.					
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1400 7VC	1400 5VC	2400 25GA	2400 5GA	2400 5GA		

TUBE	7W07	IMPREGNATION	VARNISH

CORE	GA.	GRADE	STACK

MOUNTING SA - short bolts - Fibre grommet

blue 7 2
red 6 2
grn 5 6
3 7 2



DESIGNED BY Gw

DATE 11/4/38

Eb-115

Es 6-21V-1amp

FRESE CORP.

64

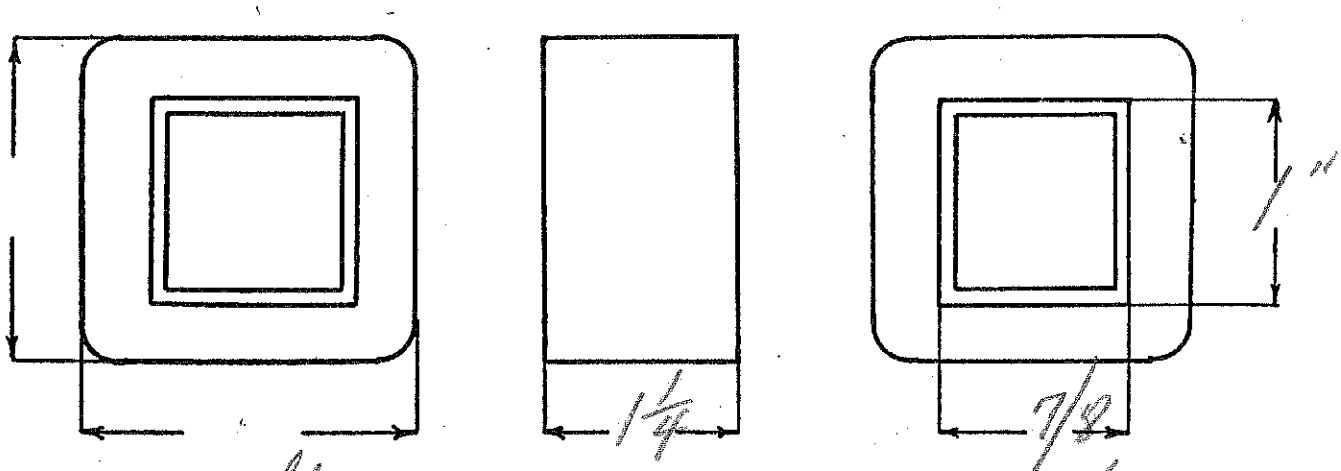
SPEC. NO. 4267

Winding	P	S					
Turns	732	138					
Taps	—	42					
Wind. Lgth.	1 1/16						
Wire Size	#28	#23					
T. P. L.	21-11	42					
Finish							
Type Lead	wire only		To lugs				
Lead Lgth.	3"	3"					
Layer Insul.	40#						
Test Volt.							
Wrapper	260-5GA	260-5GA					

TUBE	52007	IMPREGNATION	Varnish

CORE GA. 24 GRADE 12 STACK 2+2

MOUNTING D



DESIGNED BY Gus

DATE 11/8/38

Vibrator Transf.

PIERSON - DELANE

delivers 700V - 65 ma

SPEC. NO. 4269

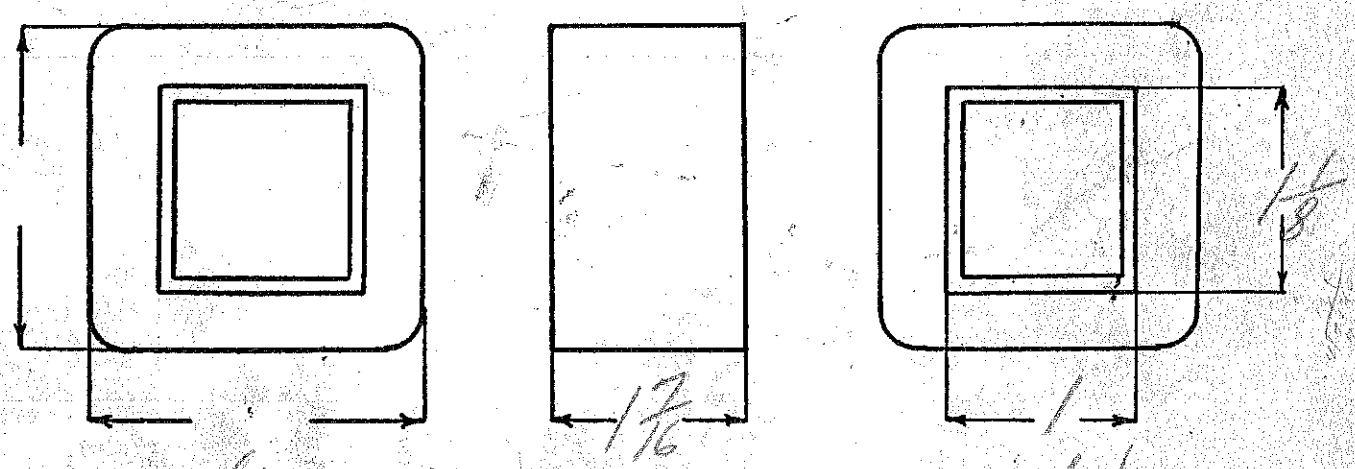
Winding	SEC	SHIELD	PRI				
Turns	2880	1	62	Pri start - black			
Taps	1440		31	Pri tap - black			
Wind. Lgth.	1.125			Pri finish - blue			
Wire Size	#33	SHIM STOCK	#17				
T. P. L.	144-20						
Finish							
Type Lead	Tan	Silver	W.O.	Stranding			
Lead Lgth.	9"	31"	9"				
Layer Insul.	Manila 16#						
Test Volt.							
Wrapper	210056C	210056J	210056A				

TUBE 5A007 IMPREGNATION VARNISH

CORE GA. 24 GRADE D STACK 2"

MOUNTING SA (in copper shell over laminations)

Cadmium shell aluminum lamination



DESIGNED BY Gr

DATE 11/9/38

VA-800 SOUND PRODUCTS CO.

Ep - 100 - 115 - 130 - 160 - 170 - 180

ES - 6000 CT - 250 ma Continuous

$\frac{N}{E} = .9$

SPEC. NO. 4270

Winding	SEC		PRI				
Turns	5600		104	35	22		
Taps	2800		90	13	14		
Wind. Lgth.	3 1/4		3 1/2				
Wire Size	#27		#11	#12	#14		
T. P. L.	190 - 301		3L	1L	1L		
Finish	#20 Dulac		WIRE ONLY				
Type Lead							
Lead Lgth.	4"		4"	4"	4"		
Layer Insul.	double 40#		.007K				
Test Volt.							
Wrapper	6L007VC 3L025GA			3L005GA		Double	
TUBE	10L007+3L007VC			IMPREGNATION		VARNISH	

CORE GA. GRADE STACK

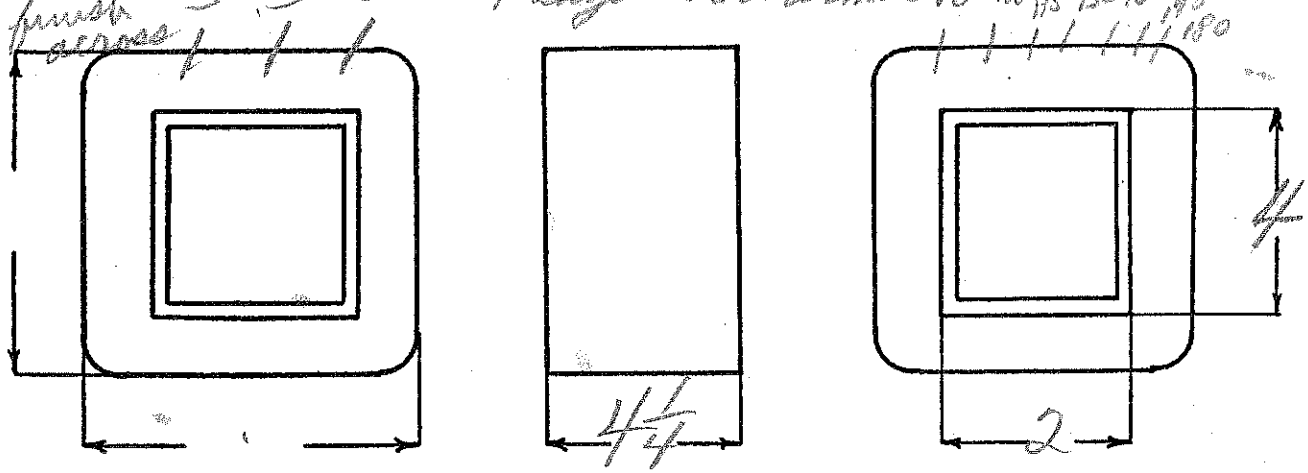
MOUNTING C

Start Sec leading Coil (across)

under sec panel — 2 layers .030" mica
6 layers .010" V.C.
4 layers .030" armite Po

finish across S S S

100 115 130 160 170 180



DESIGNED BY GW DATE 11/14/38

Ep - 100 - 115 - 125 - 140 VA-400 SOUND PRODS. CO.

Es - 3560V.C.T - 250ma - 1500Vdc with choke input

SPEC. NO. 4271

				116			
Winding	SEC		PRI				
Turns	4300		135	29			
Taps	2150		116	12			
Wind. Lgth.	$2\frac{5}{16}$		$2\frac{1}{2}$				
Wire Size	#27		#14	#15			
T. P. L.	135-32		4L				
Finish							
Type Lead	#20 Dulac		WIRE ONLY				
Lead Lgth.	4"		4"	4"			
Layer Insul.	double 30#						
Test Volt.							
Wrapper	4L007VC 2L005GA			3L005GA		Manila Varnish	

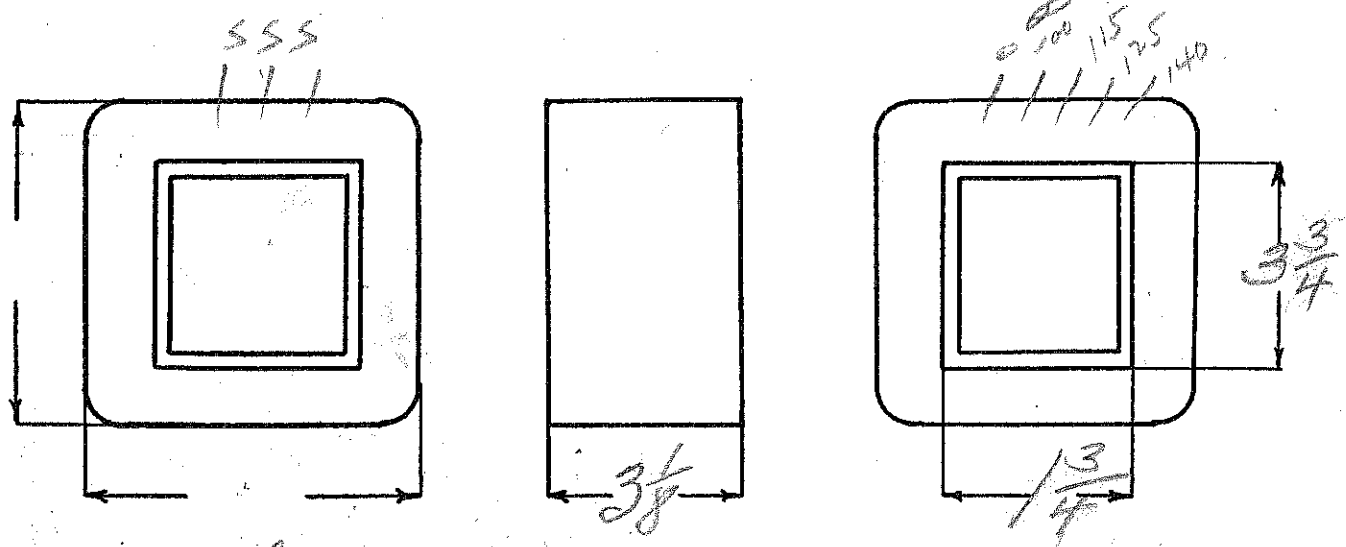
TUBE 1OL007F 2L007VC IMPREGNATION

CORE GA. GRADE STACK

MOUNTING

insulation under panel 2L030 "mica
3L010 VC
3L030 "armite

Start sec lead in coil



DESIGNED BY GW DATE 11/14/38

Ep - 100 - 115 - 125 - 140

Es - 2000VCT - 150 ma

VA - 140

SPEC. NO. 4272

Winding	SEC	SHIELD	PRI				
Turns	3700	1	195	41			
Taps	1850		170	17			
Wind. Lgth.	2 1/4						
Wire Size	#28	Shim Stock	#17	#18			
T. P. L.	145-26						
Finish							
Type Lead	#20 Duplex	W.O.	W.O.				
Lead Lgth.	4"	4"	4"	4"			
Layer Insul.	double 20#						
Test Volt.	3000 VC						
Wrapper	2 Layer 5GA	3 Layer 5GA		3 Layer 5GA			Double

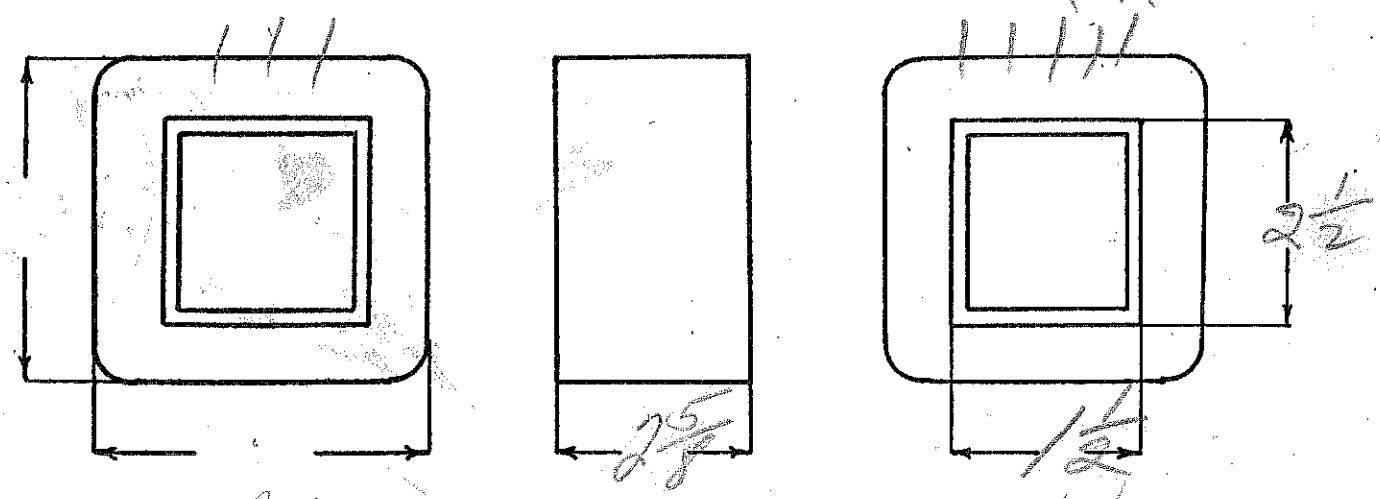
TUBE	1000 7H / 1000 7VC	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING C

Start lead in Coil - insulation under see panel 1 Layer 30 mil
(cross start + finish across) 3 Layer 10 VC
2 Layer 20 GA

SEC



DESIGNED BY Gw

DATE 11/14/38

Ep-115
ES - 2.5V - 10 amp
ES - 2.5V - 10 amp

ES - 2.5V - 5 amp
all 10,000V test
3.85

SPEC. NO. 4273

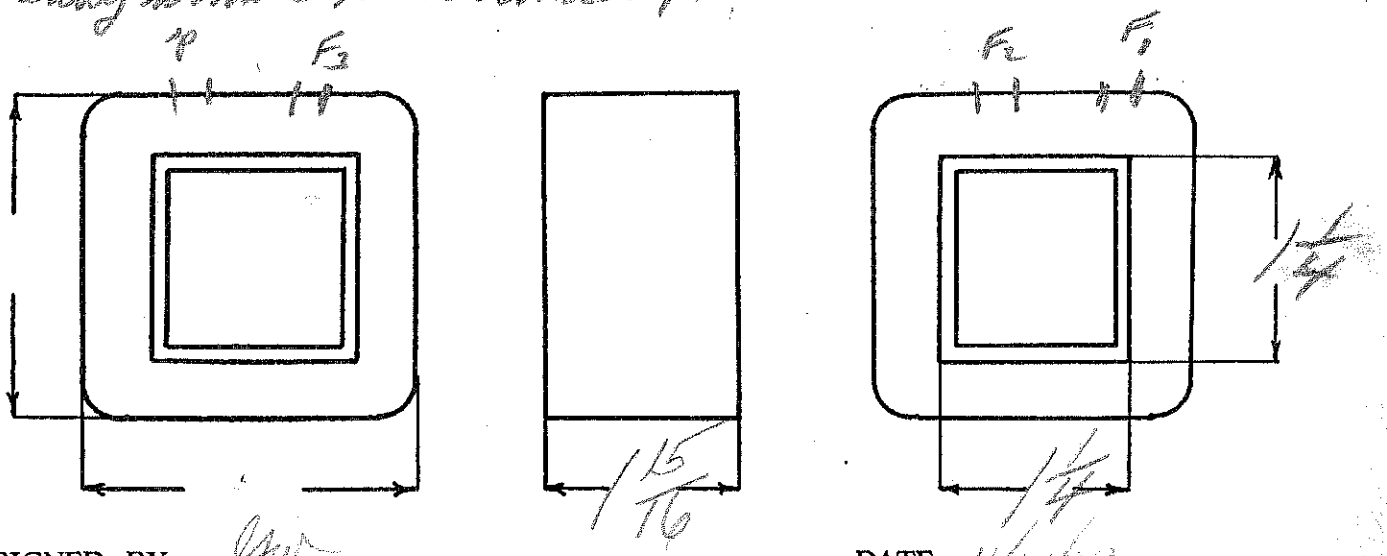
Winding	P	F_1	F_2	F_3			
Turns	445	11	11	11			
Taps	—	—	—	—			
Wind. Lgth.	1.75						
Wire Size	#23	#13	#13	#16			
T. P. L.	67-7						
Finish	wire only						
Type Lead							
Lead Lgth.	3"	3"	3"	3"			
Layer Insul.	50#						
Test Volt.							
Wrapper	3400VC 3400GA	3400VC 3400GA	3400VC 3400GA	3400VC 3400GA		Double	

TUBE	7400 + 1400VC	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING C

separate bugs for 10,000V ins - use mica and heavy bakelite base under panel



DESIGNED BY [illegible]

DATE 11/14/32

modulation transf 200 watts audio

P - 14,000 Ω P-P (PP808)

S - 8,000, 10,000, 12,000 ohm - 200 ma

SOUND PRODUCTS CO.

SPEC. NO. 4275

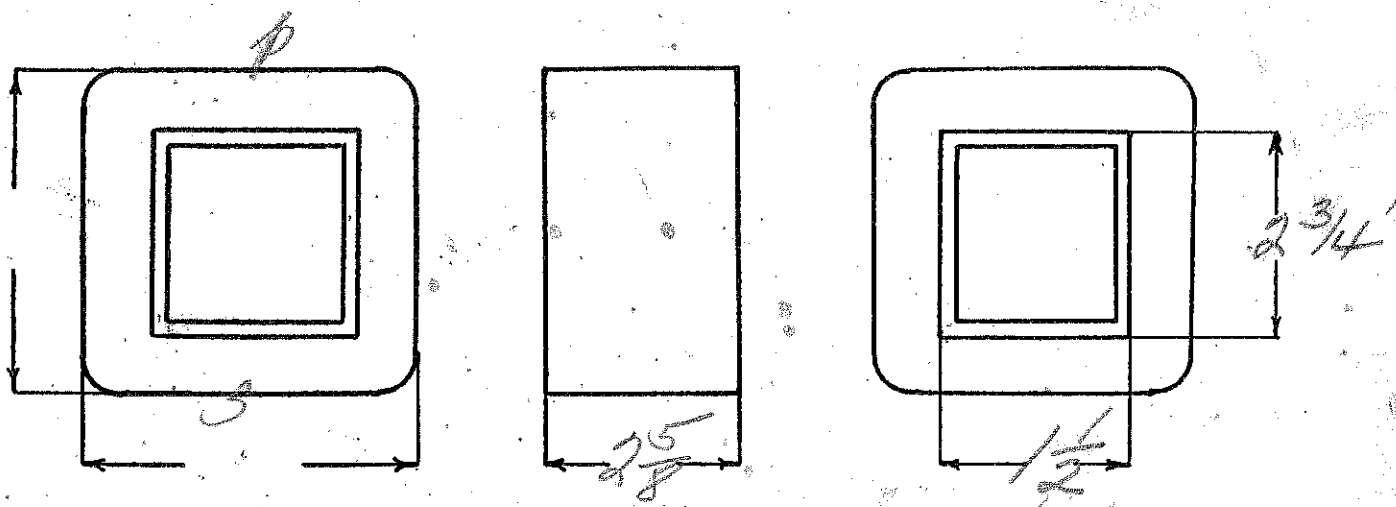
Winding	PRI		SEC				
Turns	1900		1760				
Taps	950		1440 - 1650				
Wind. Lgth.	2"		2"				
Wire Size	#27		#27				
T. P. L.	120-16		120-16				
Finish	WIPE ON						
Type Lead	6"		6"				
Lead Lgth.							
Layer Insul.	double 30#		double 30#				
Test Volt.	7500 V						
Wrapper	34007VC 34005GA		34007VC 34005GA			Double	

TUBE	106007# 24007VC	IMPREGNATION	Varnish

CORE GA. 24 GRADE D STACK .020" gap

MOUNTING J

over for Load Test



DESIGNED BY Gw

DATE 11/14/38

P-240
S-120V- 200 watt

DEPT. OF WATER & POWER

1.75

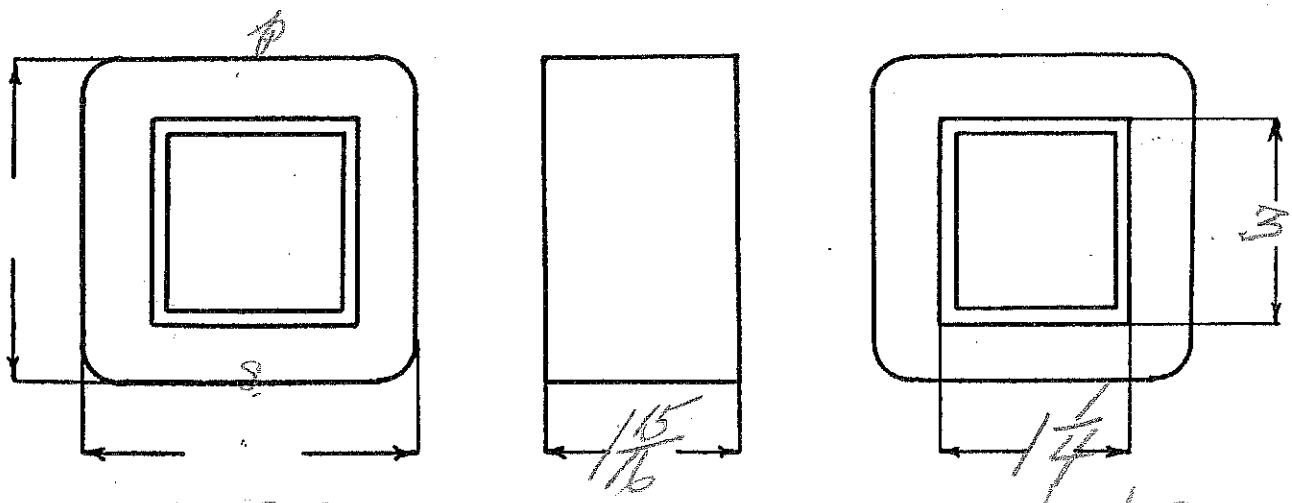
SPEC. NO. 4276

Winding	PRI	SEC					
Turns	420	222					
Taps							
Wind. Lgth.	1.75						
Wire Size	#21	#18					
T. P. L.	53-8	38					
Finish							
Type Lead	wire	only					
Lead Lgth.	3"	3"					
Layer Insul.	.007K						
Test Volt.							
Wrapper	2007GA	2007GA					

TUBE	7007	IMPREGNATION	VARNISH

CORE	GA.	GRADE	STACK

MOUNTING BB



DESIGNED BY RW

DATE 11/23/38

Input transf.

PP 6A3 (32002) to 800 Ω CT

Plate ckt current 100 ma.
Sec 20-15 Ω max

SOUND PRODS. CO.

½ P to ½ S - 2:1 step down

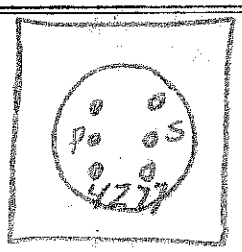
SPEC. NO. 4277

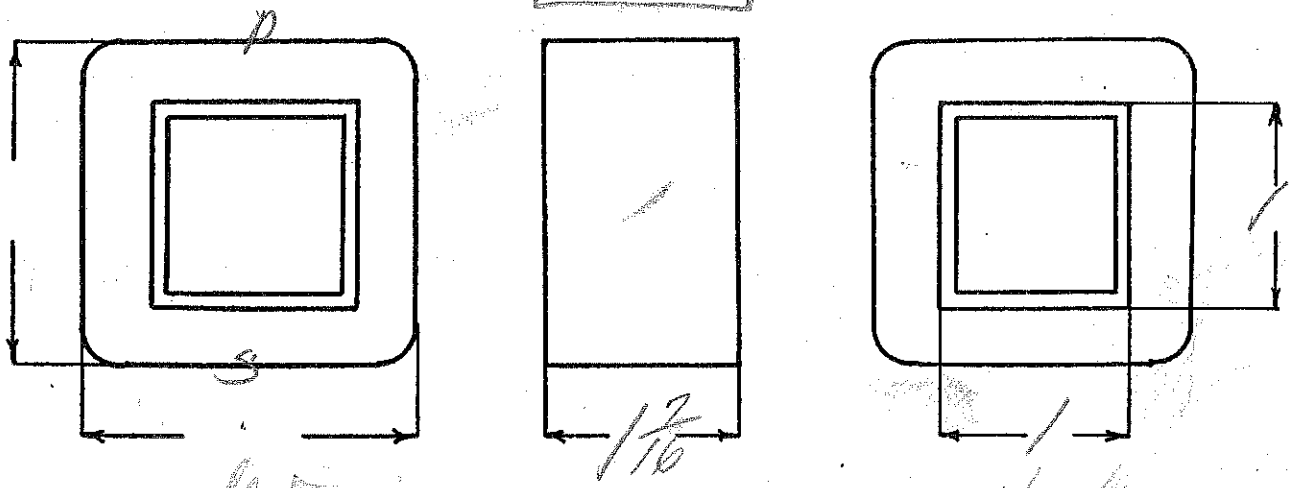
Winding	P	S	P				
Turns	880	880	880				
Taps		440					
Wind. Lgth.	1.25						
Wire Size	#32	#27	#32				
T. P. L.	129-7	74-12	129-7				
Finish		30 Pair					
Type Lead							
Lead Lgth.	4"	4"	4"				
Layer Insul.	30#	45#	30#				
Test Volt.							
Wrapper	3L #1 1600 VC	3L #1 1600 VC	2L 0.05 GA			Double	

TUBE	7N07	IMPREGNATION	Varnish

CORE GA. 29 GRADE B STACK 2x2

MOUNTING K - Lingo





DESIGNED BY Gw

DATE 11/14/38

11,000 ohm pt (8 ma) to 500 Ω line

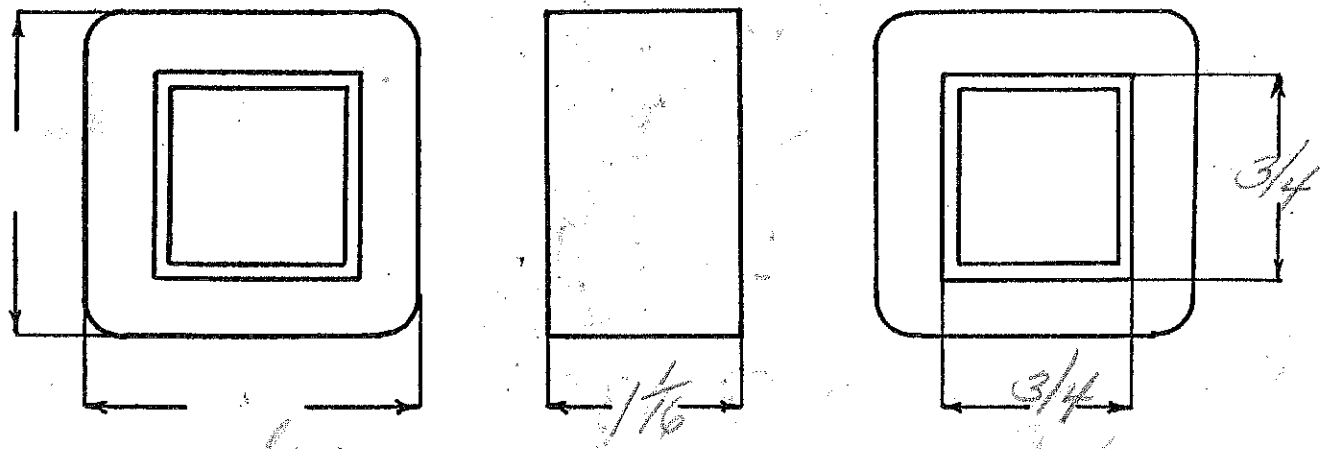
SPEC. NO. 4289

Winding	PRI	SEC					
Turns	3600	760					
Taps		–					
Wind. Lgth.	7/8						
Wire Size	#38	#30					
T. P. L.	180-20	89-9					
Finish							
Type Lead	#20 Pa Ba						
Lead Lgth.	6"	6"					
Layer Insul.	20#	30#					
Test Volt.							
Wrapper	1400 7/16 4CM	2005GA				Paper	

TUBE 5007 IMPREGNATION varnish

CORE GA. 29 GRADE B STACK 2x2

MOUNTING K - lugs



DESIGNED BY [illegible] DATE 11/14/30

R 500 ohm
5 - 4800 ohm CT (6A3 grids)
no-die

Input Choke

SOUND PRODUCTS CO.

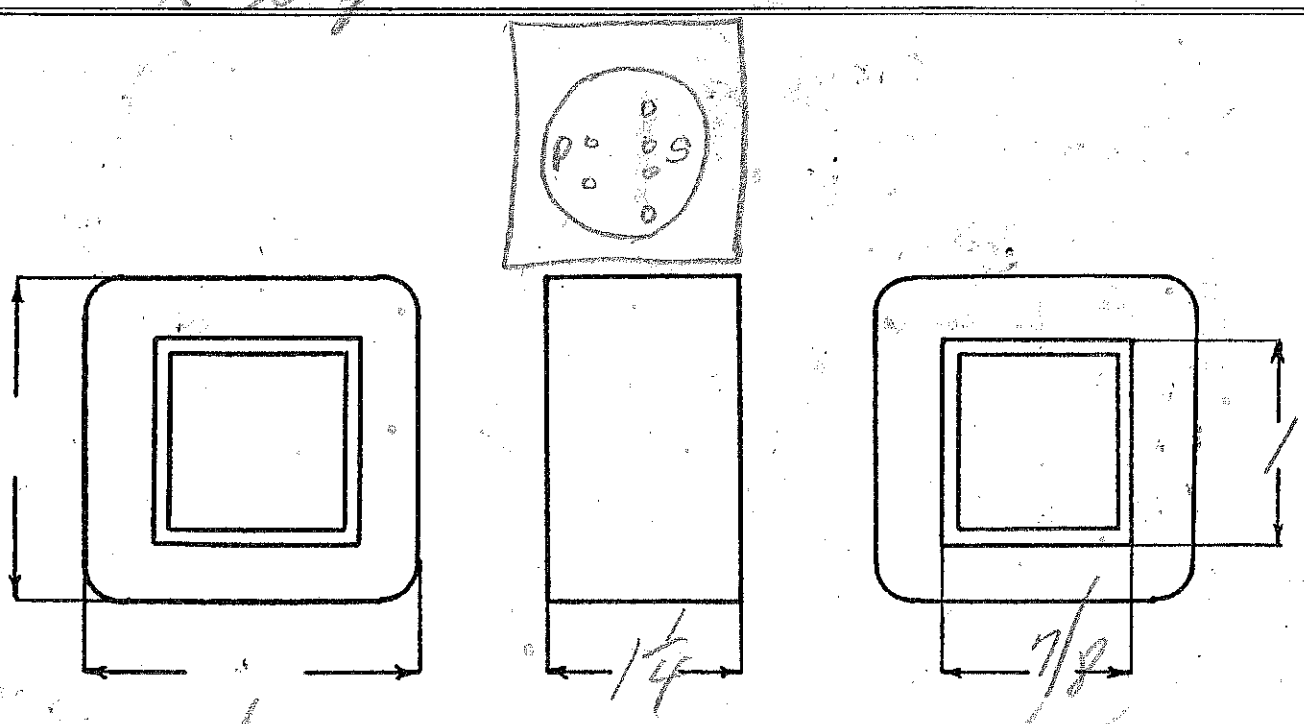
SPEC. NO. 4279

Winding	PRI	SEC	(split)				
Turns	800	1250	1250				
Taps	—	—	—				
Wind. Lgth.	1 1/16						
Wire Size	#29	#33	#33				
T. P. L.	80-10	125-10	125-10				
Finish							
Type Lead	#20 Br						
Lead Lgth.	9"	9"	✓				
Layer Insul.	30#	30#					
Test Volt.							
Wrapper	1600 7VC 4L SP	1600 5VC	2600 5GN			Double	

TUBE	5U007	IMPREGNATION	Varnish

CORE GA. 29 GRADE B STACK 2x2

MOUNTING K-lugs



DESIGNED BY Lyon

DATE 11/29/32

Ep-120
Es- 650VCT-50ma
EF- 5V-2amp
EF- 6.3V-2amp

TROY RADIO CO.

5.55

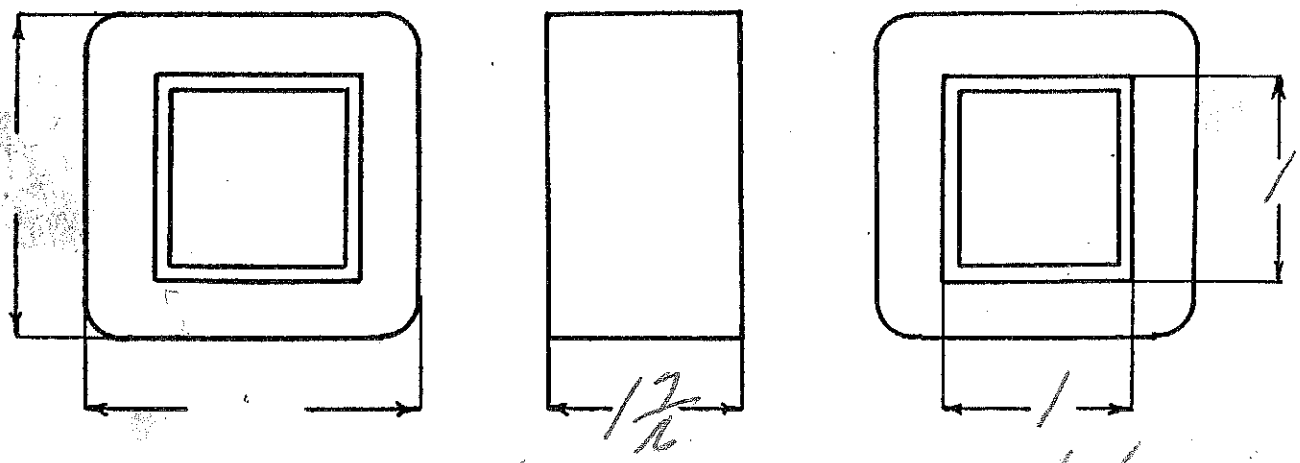
SPEC. NO. 4280

Winding	SEC	SHIELD	PRI	F	F		
Turns	3600	74	665	31	38		
Taps	1800		—	—	—		
Wind. Lgth.	1.25						
Wire Size	#36	#27	#27	#21	#21		
T. P. L.	200-18		74-9				
Finish							
Type Lead	#20 PB		#20 PB	wire only			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	16#		40#				
Test Volt.							
Wrapper	2005VC	2005K	2005GA	2005GA	2005GA		

TUBE	5U07	IMPREGNATION	VARNISH

CORE 1x1 GA. 24 GRADE D STACK 2x2

MOUNTING A



DESIGNED BY Guerrero DATE 11/9/38

Similar to 4024
EP-115V
ES-800VCT-125ma

EE-5V 3amps
EF-6.3VCT-4amps

ALLIED PHONOGRAPH CO.

SPEC. NO. 4281

2.85 mm

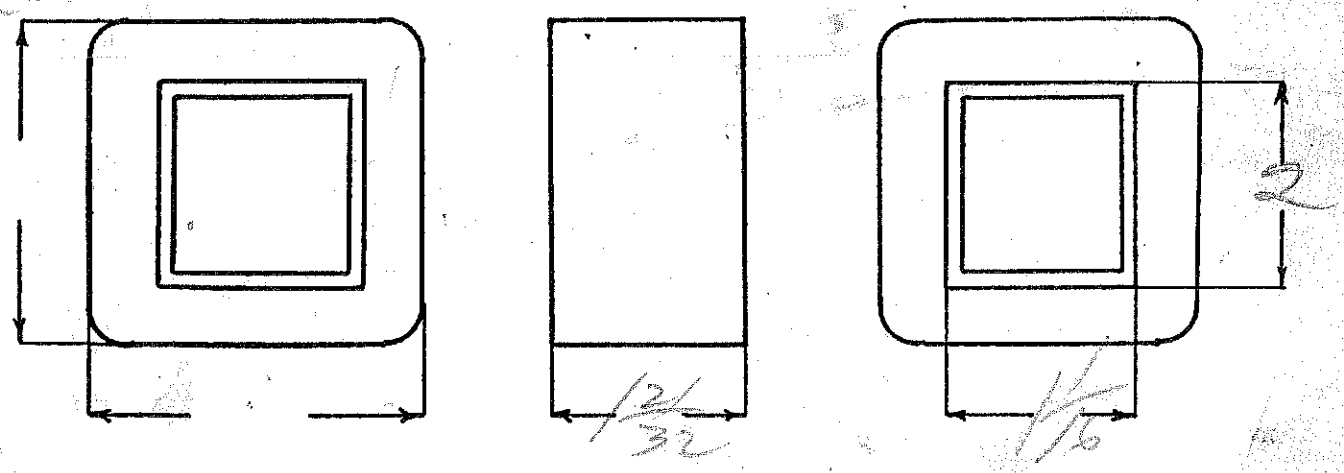
Winding	S	SH	P	A	F		
Turns	2400	48	330	16	20		
Taps	1200		—	—	10		
Wind. Lgth.	1 15/32						
Wire Size	#32	#22	#22	#18	double #19	tap on wire	
T. P. L.	150-K		48-7				
Finish							
Type Lead	#20 PM	W.O.	#20 PM	WIRE ONLY			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1600VC 32#	1600VC	2400SG	✓	✓		

TUBE	72007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A

S. 4.50
SH. 14
P. 6.
BC. 7.5



DESIGNED BY

DATE

similar to 4282

2.95

SPEC. NO. 4282-115-230v

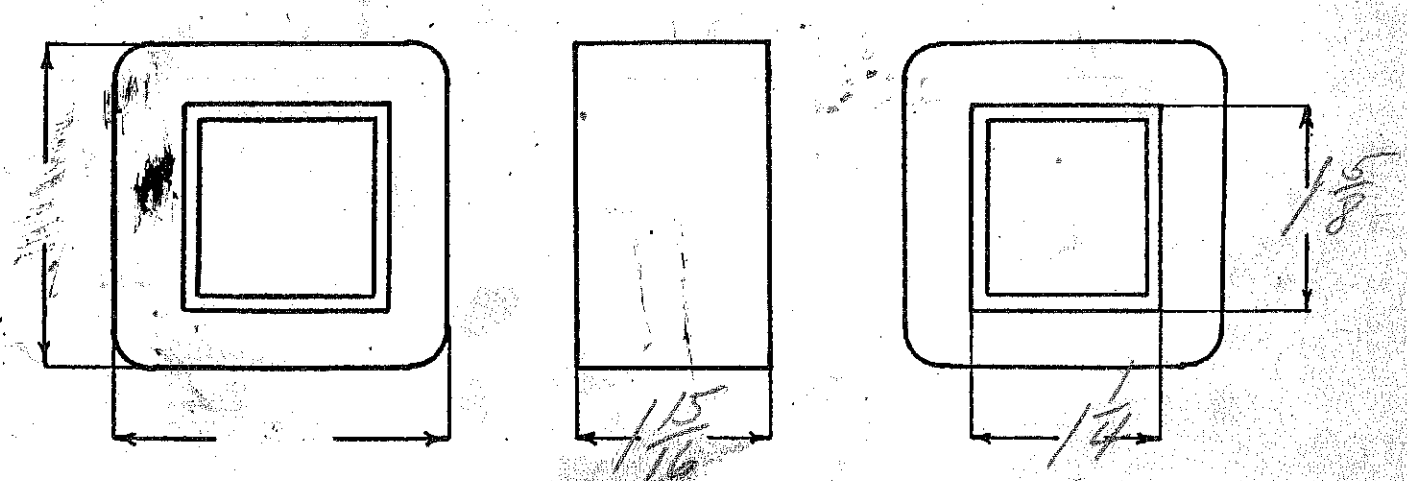
Winding	SEC	SHIELD	PRI	PRI	S_2	F_1	F_2
Turns	2150	1	340	340	77	16	20 Blue
Taps	1075						18 Red
Wind. Lgth.	1.75	Copper					Black
Wire Size	#32	Shield	#22	#25	#22	#19	#17
T. P. L.	180-12		58-6	90-4	58-2		
Finish							
Type Lead	#20 DB	Solder	#20 DB	✓	#20 DB	wire only	
Lead Lgth.							
Layer Insul.	Kraft 16#		50#				
Test Volt.							
Wrapper	1400VC	1400VC	—	1400VC	2400VCA	✓	✓

TUBE	7607	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING SA - short bolts

Primary Common White } Pri 1
115v - Black } Fin + Sta
230v - Yellow } Pri 2



DESIGNED BY DATE

Ep - 90 - 115 - 125 - 150 - 220 - 250 NK 2.52 11,000

253 Continuous SPEC. NO. 4282 - Unit Pri

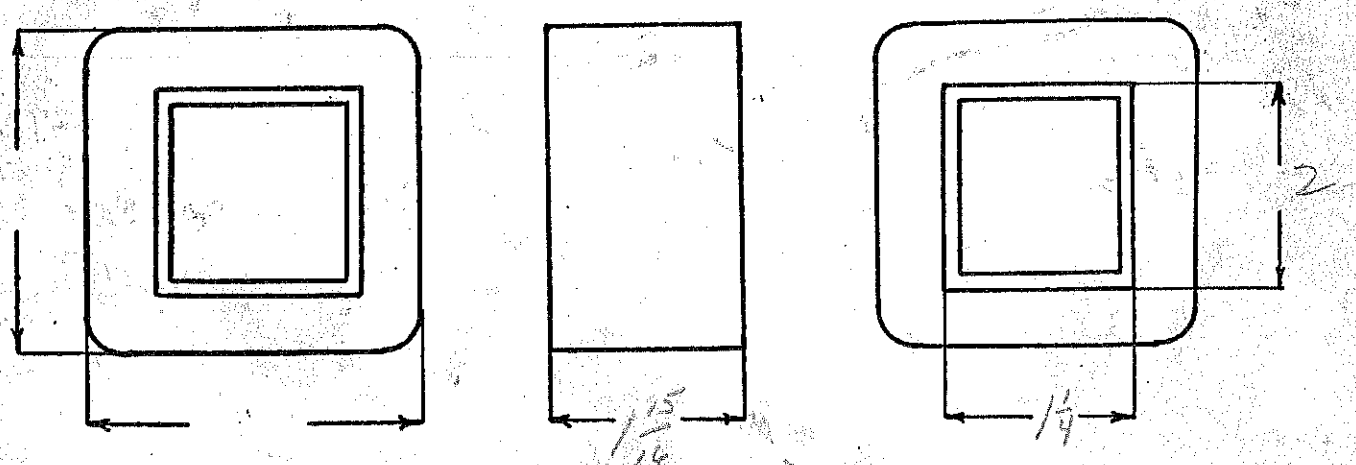
Winding	Sec	Sh	Pri 1	Pri 2	Pri 3	white Sec 2	green F1	F2	
Turns	183	1	318	62	255	66	14	17	
Taps	915	—	228-272	—	186	—	—	15	
Wind. Lgth.	1 3/4"	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	.	0	
Wire Size	#32	Shunt	#21	#23	#25	#21	#20	#17	
T. P. L.	184-10	stick	53-8	66-1	82-4	2L	F1+F2 on	same	
Finish									
Type Lead	#22 PB	Sol Br	#20 PB	#20 PB	#20 PB	Wire	Wire	Wire	
Lead Lgth.	9"	9"							
Layer Insul.	Double #16	—	.005 K	—	50#	.005 K	—	—	
Test Volt.									
Wrapper	1L.007 VC	1L.005 VC 1L GA	1L.005 GA	1L.005 GA	2L.005 GA	2L.005 GA	2L .005 GA		

TUBE 7L.007" IMPREGNATION Double Varnish

CORE 1 1/4 x 2 GA. 24 GRADE D STACK 2 x 2

MOUNTING S.A.

Pri 1 white
2 black
3 yellow
4 brown
5 blue-Tr.
6 Brown
7 slate — yellow Tr.



DESIGNED BY DEJ DATE 6/27/38

E_p - 230
E_s - 730V. Open - 115Ma.
E_f - 5V - 2amp
E_f - 6.3 - 5.5 E_p - 3amp E_s - 24V - 2amp (Test)

4282 under 230V primary

SPEC. NO. 4282-230V.

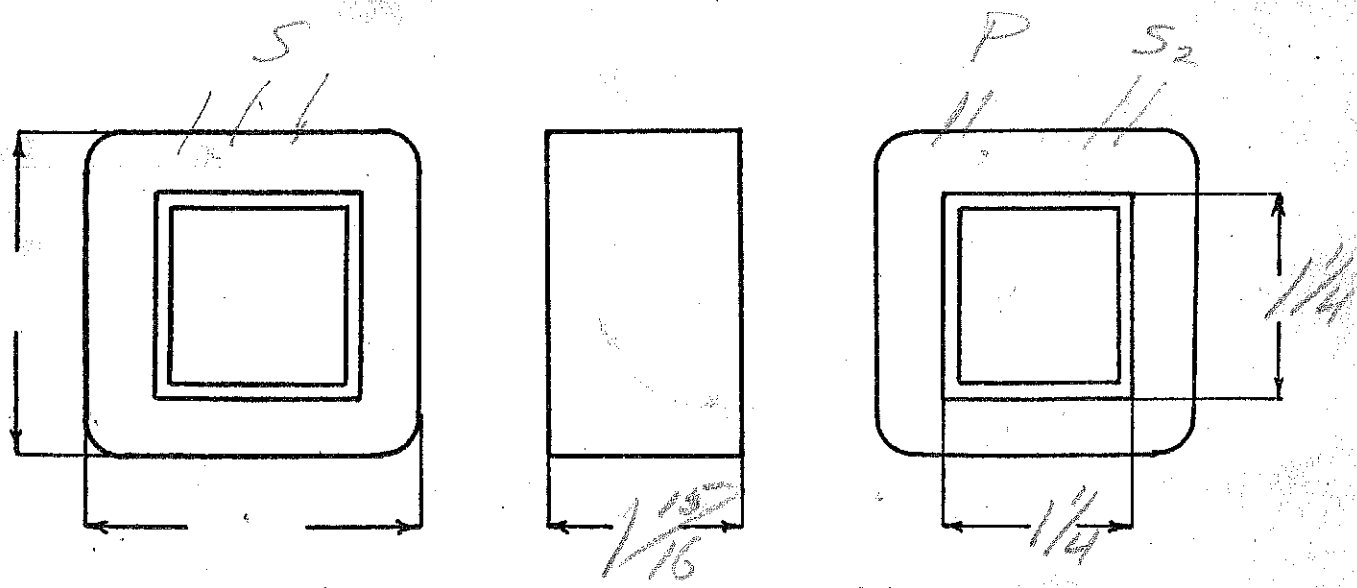
Winding	Sec	Shield	Pri	S_2	F_1	F_2	
Turns	2840	1	885	105	22	27	Blue Bq
Taps	1420			—		24	Red 7"
Wind. Lgth.	1 3/4"	—	—			0	Black 7"
Wire Size	#32	Shim	#25	#22	#20	#17	
T. P. L.	178-16		81-11	59-2			
Finish							
Type Lead	#20 Pa Bn	Sol. Bn.	#20 Pa Bn	#20 Pa Bn	Wire Only		
Lead Lgth.							
Layer Insul.	double #16		50#	Double 50#			
Test Volt.							
Wrapper	1L007VC	1L005VC	1L005VC	2L007GA	2L007GA	2L007GA	

TUBE 7L007G-K IMPREGNATION Double Varnish

CORE 1 1/4 X 1 1/4 GA. 24 GRADE D STACK 2 x 2

MOUNTING SA - Short Bolts

Sec #2 - white



DESIGNED BY JC DATE 12-22-38

Ep-120
ES- 730V open - 115 ma
EF- 5V- 2amp
EF- 6.3V-5.5tap-3.7amp Es- 244-2amp (2nd)

GILFILLAN BROS

3.85

SPEC. NO. 4252

Winding	SEC	SHIELD	PRI	S_2	F_1 Pg	F_2	
Turns	2840	1	465	105	22	27	Blue PK
Taps	1420		—	—	—	24	Red 7"
Wind. Lgth.	1.75	6 Copper Sheet					Black 7"
Wire Size	#32		#22	#22	#20	#17	
T. P. L.	178-16		59-8	59-2			
Finish							
Type Lead	#20 DSC	SLL Br	#20 DSC		W		
Lead Lgth.							
Layer Insul.	double 16#		50#	2L-50#			
Test Volt.							
Wrapper	1400VC	1400SVC 1L52	1400SVC 1L52	2L00TGA	2L00SGA	2L00TGA	

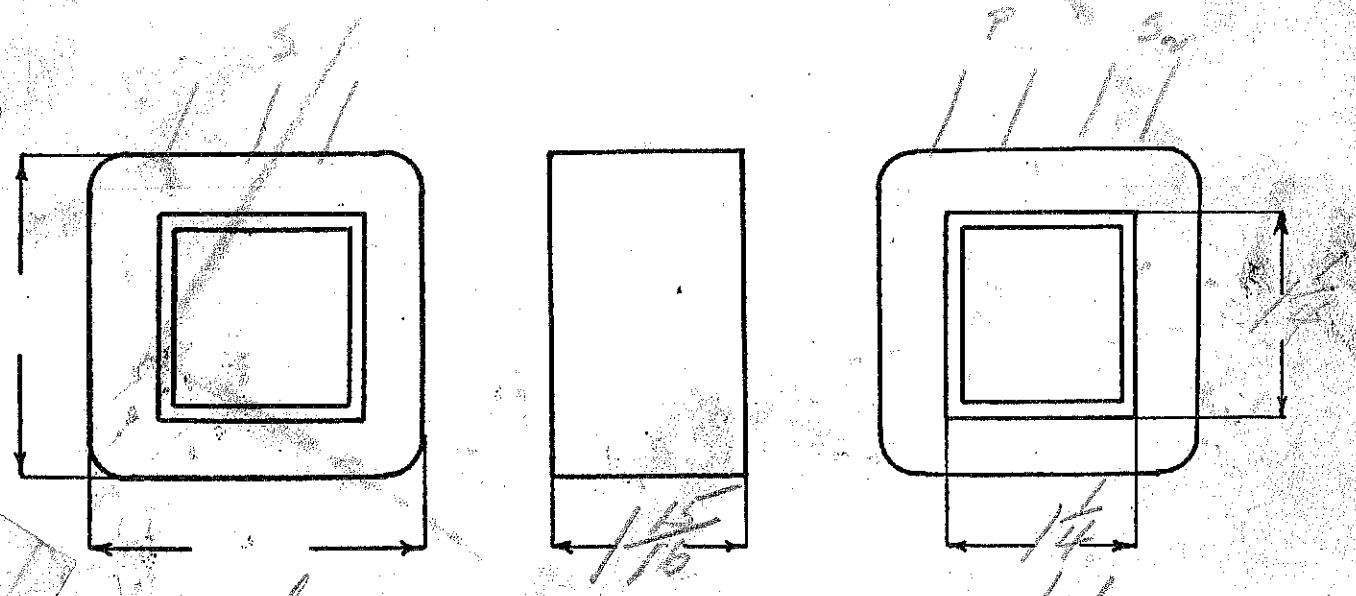
TUBE	7L007	IMPREGNATION	VARNISH

CORE	GA.	GRADE	STACK

MOUNTING SA- Mount bolts

Sec 2 white

3.10
5.8
7.2
4.9



GNED BY [illegible]

DATE 11/4/38

P-230V

S-24V- 50VA, 20 watts

KARR

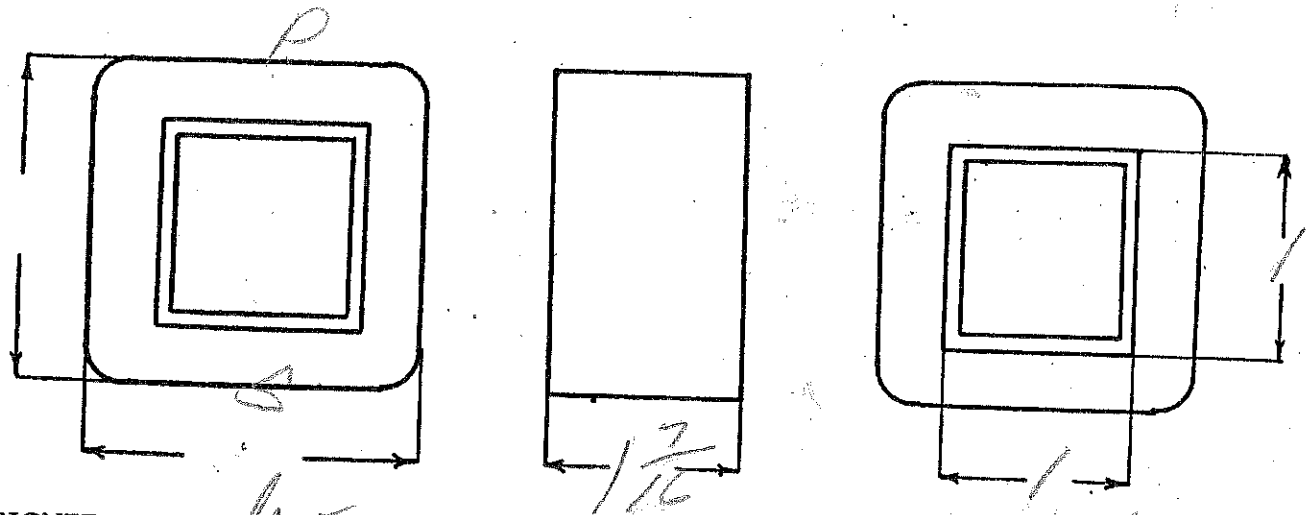
SPEC. NO. 4283

Winding	P	S					
Turns	1380	153					
Taps							
Wind. Lgth.	1.25						
Wire Size	#29	#21					
T. P. L.	94-152						
Finish							
Type Lead	#14 motor lead						
Lead Lgth.	12"	12"					
Layer Insul.	307						
Test Volt.							
Wrapper	2005GA	2005GA					

TUBE 64007 IMPREGNATION VARNISH

CORE GA. 24 GRADE D STACK 2x2

MOUNTING S



DESIGNED BY GW

DATE 11/10/38

EP-115
ES-1100VCT 250ma

SOUND PRODUCTS COMPANY

1.68

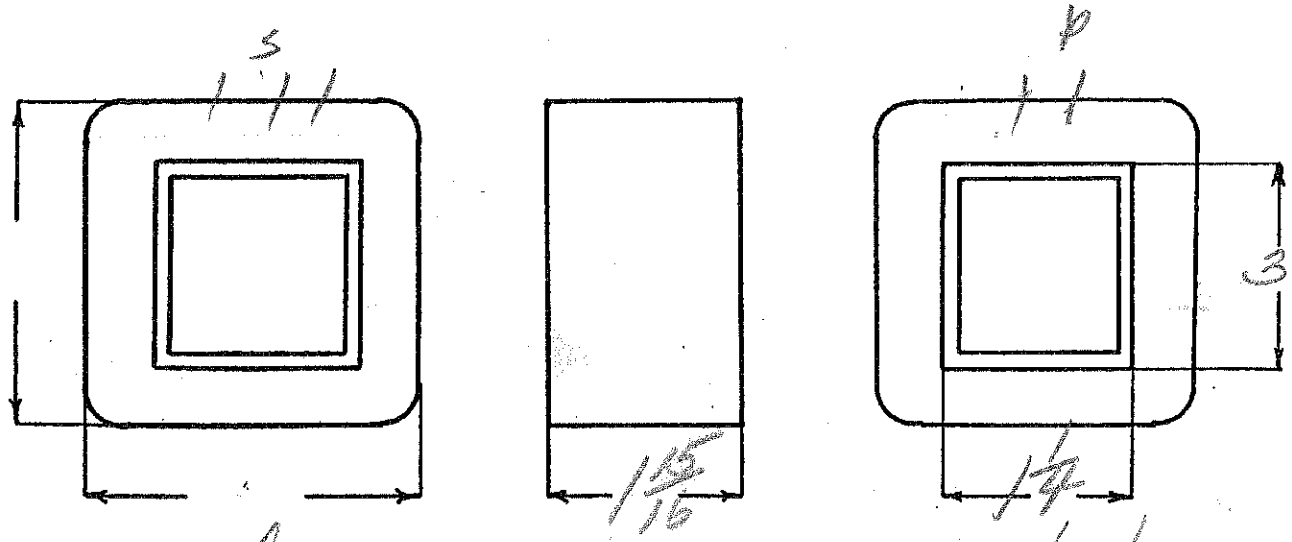
SPEC. NO. 4284

Winding	SEC	SHIELD	PRI				
Turns	1800	113	195				
Taps	940						
Wind. Lgth.	1 1/16						
Wire Size	#28	#28	#18				
T. P. L.	113-16		35-6				
Finish	Sil. th.		n.o.				
Type Lead							
Lead Lgth.	3"	3"	3"				
Layer Insul.	double 20#		.005				
Test Volt.							
Wrapper	2007VC	2007GA	2007GA				double

TUBE	7007+1007VC	IMPREGNATION	VARNISH

CORE GA. 24 GRADE D STACK 2x2

MOUNTING C



DESIGNED BY [illegible] DATE 11/14/38

SOUND PRODUCTS COMPANY

Eb-115

EF-6.3V-2 amp CT
EF-5V-10 amp CT
EF-7.5V-4 amp CT

3/8

SPEC. NO. 4285

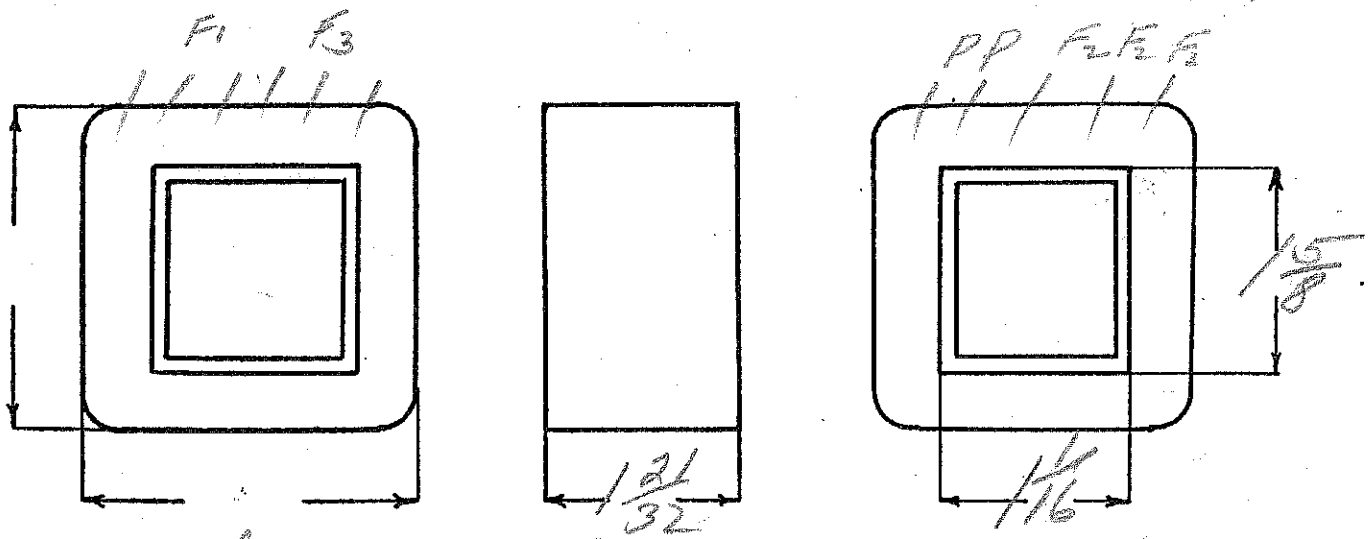
Winding	P	F1	F2	F3			
Turns	400	24	19	28			
Taps		12	10	14			
Wind. Lgth.	1 15/32						
Wire Size	#22	#19	double #15	#16			
T. P. L.	50-8						
Finish	w.a.	″	″	″			
Type Lead							
Lead Lgth.	3″	″	″	″			
Layer Insul.	50#						
Test Volt.							
Wrapper	2005GA	3005GA	3005GA	2005GA		Double	

TUBE	7007	IMPREGNATION	Varnish

CORE GA. GRADE STACK

MOUNTING C

7.35
8.5
5.8



DESIGNED BY Lyn

DATE 11/14/38

EP - 115
ES - 7.5V CT 8 amps
ES - 2.5V CT 5 amps
ES - 6.3V.C.T. - 3 amps 348

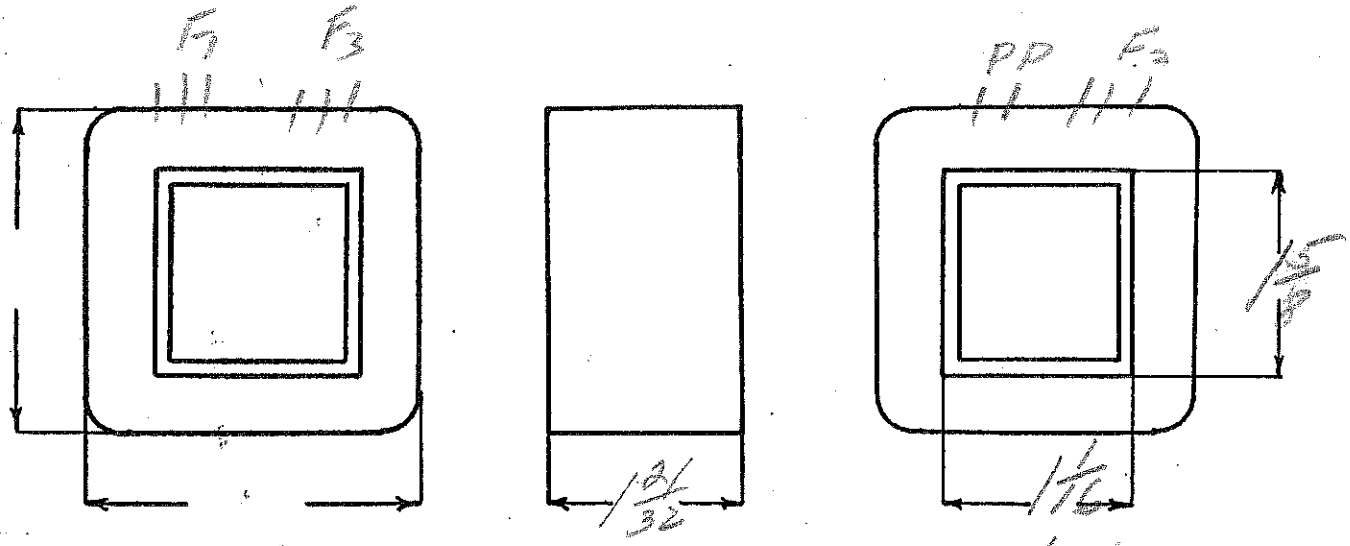
SPEC. NO. 4286

Winding	P	F_1	F_2	F_3			
Turns	400	28	10	24			
Taps		14	5	12			
Wind. Lgth.	$1\frac{15}{32}$						
Wire Size	#22	#13	#16	#17			
T. P. L.	5D-8						
Finish	wire only		"	"			
Type Lead							
Lead Lgth.	3"	"	"	"			
Layer Insul.	50#						
Test Volt.							
Wrapper	2005GA	2005GA	2005GA	2005GA			

TUBE	76007	IMPREGNATION	Dielectric Varnish

CORE	GA.	GRADE	STACK

MOUNTING C



DESIGNED BY [illegible]

DATE 11/14/38

SOUND PRODUCTS CO.

EP-115
ES-24V-100watt

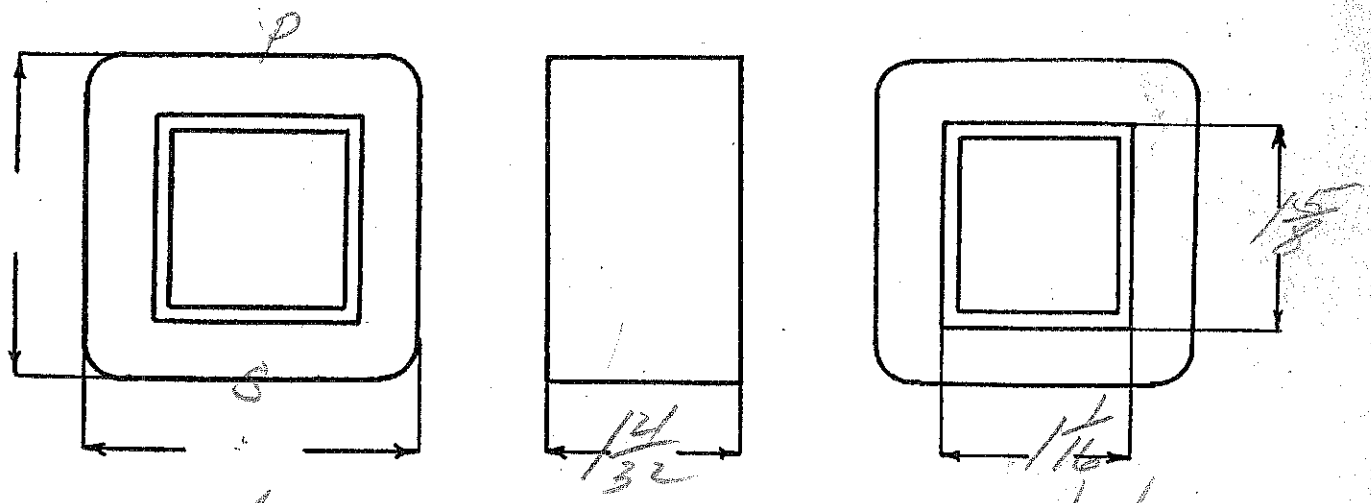
SPEC. NO. 4287

Winding	PRI	SEC					
Turns	400	90					
Taps							
Wind. Lgth.	1 15/32						
Wire Size	#22	#16					
T. P. L.	50-8	25-4					
Finish							
Type Lead	WIRE	ONLY					
Lead Lgth.							
Layer Insul.	50#						
Test Volt.							
Wrapper	2005GA	2005GA				Double	

TUBE 7L007 IMPREGNATION Varnish

CORE GA. GRADE STACK

MOUNTING F



DESIGNED BY [illegible] DATE 11/14/38

E_p - 120-137-153-168-192

E_s - 1800V - 300 ma.

1.24

SPEC. NO. 4288-25N

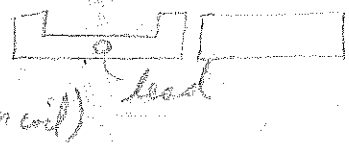
Winding	Sec		Continuous Pri				
Turns	2400		149	38	46		
Taps	—			18	25		
Wind. Lgth.	2 9/16						
Wire Size	#26		#13	#15	#18		
T. P. L.	134-18						
Finish							
Type Lead	#20 Duplex		Wire Only				
Lead Lgth.	12"		3"	3"	3"		
Layer Insul.	Double 40#			.007K			
Test Volt.	5000V			1250			
Wrapper	3L007VC 3L0056A			3L0056A			

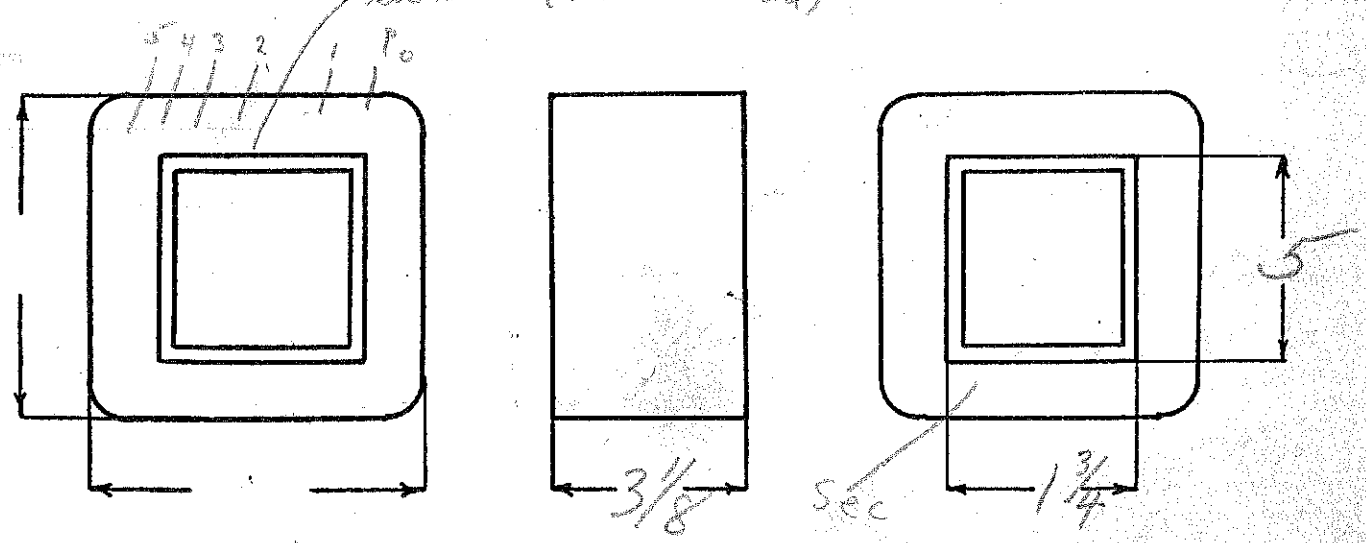
TUBE 1OL007+1L007VC IMPREGNATION Varnish

CORE 1 3/4 X 5 GA. 24 GRADE D STACK 2 X 2

MOUNTING C - Cadmium plated bracket - black lamination

Pri to leads on coil
Mount brackets (Rec. 5035-6)





DESIGNED BY JCG DATE 2-24-39

Ep - 120-137-153-168-192 Similar to 5563-0 E. J. ROSE
Es - 1800 V. - 500 Ma.

SPEC. NO. 4288

POWER

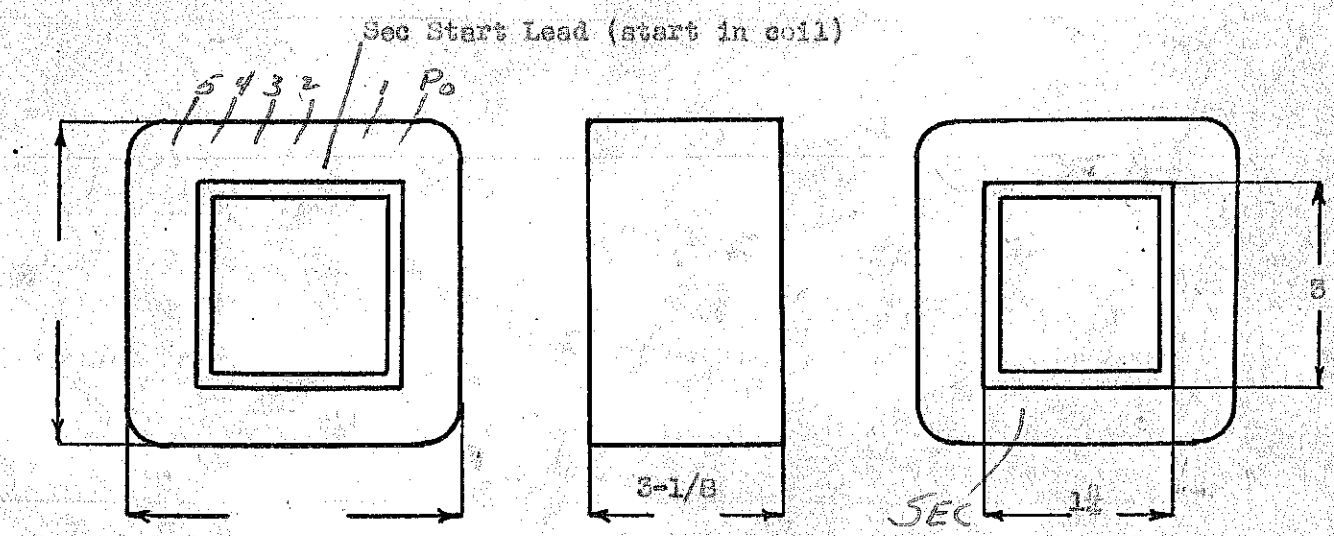
			Continuous				
Winding	SEC		PRI				
Turns	3310		140	38	46		
Taps	-			18	25		
Wind. Lgth.	2-9/16						
Wire Size	#26		#18	#15	#16		
T. P. L.	136-17		2 layer	1 L.	1 L.		
Finish			WIRE ONLY				
Type Lead	#20 Dulac						
Lead Lgth.	12"		5"	5"	5"		
Layer Insul.	Double 40#		.007" KRAFT				
Test Volt.	5000 V.		1250 V.				
Wrapper	3L.007VC 3L.0050A			3L.0050A			

TUBE	10L.007 + 1L.007VC	IMPREGNATION	VARNISH

CORE GA. 24 GRADE D STACK 2 x 2

MOUNTING C - Cadmium plated Bracket - Black lamination

Pri to lugs on coil Mount brackets (Rose 5055-6)



DESIGNED BY GW DATE 11/14/38

12V dc vibrator output

Sec - to deliver 225V dc at 60 ma post C303 choke.

Kear Engineering Company

SPEC. NO. 4289

VIBRATOR

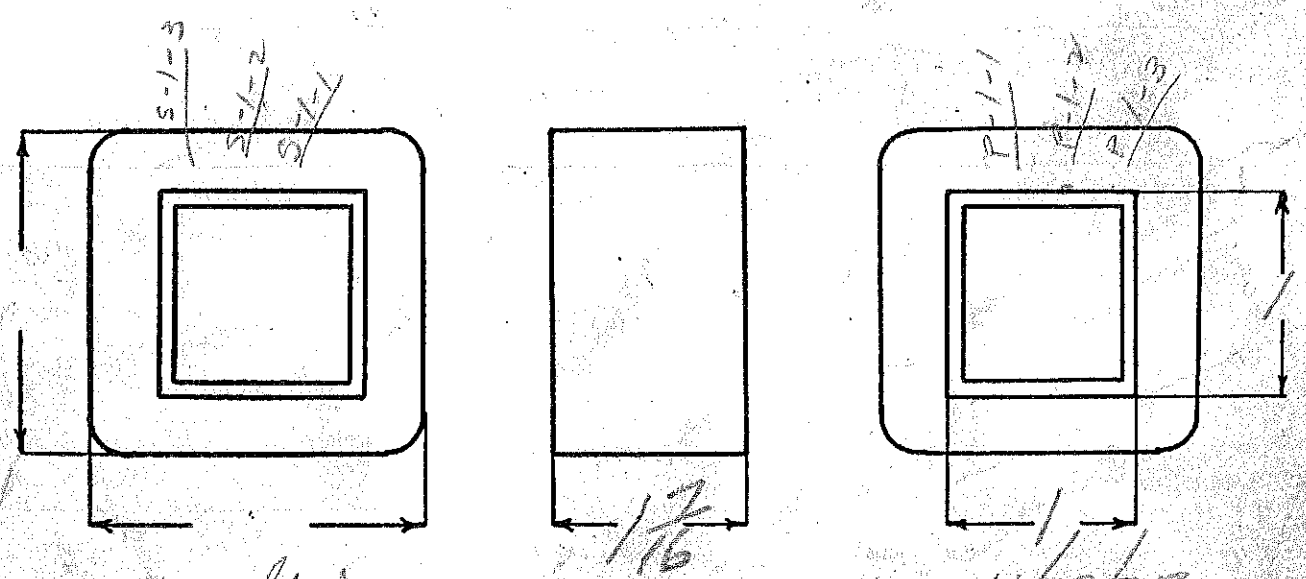
Winding	SEC	SHIELD	PRI	SHIELD			
Turns	3600	1	130	1			
Taps	1800		65				
Wind. Lgth.	1.25						
Wire Size	#35	Copper Shim Stock	#20	Copper Shim			
T. P. L.	182-20		33-41				
Finish	89%	Silk	88%	Silk			
Type Lead	#20 Par Cy		W.O.				
Lead Lgth.	9"	3"	9"				
Layer Insul.	double 104		.005				
Test Volt.							
Wrapper	1400WC	1400SGA		1400SGA			

TUBE 7007 IMPREGNATION Varnish

CORE 1"x1" E&I GA. 24 GRADE D STACK 2x2

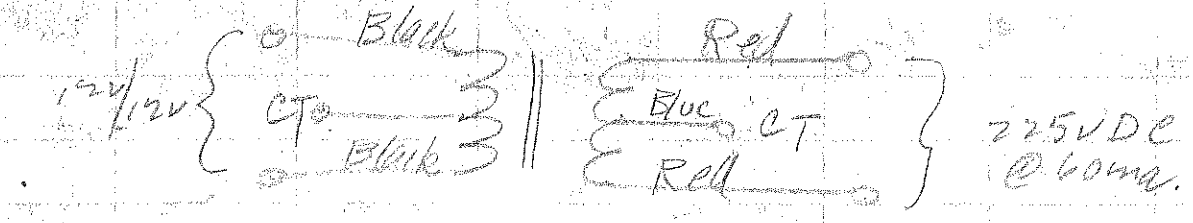
MOUNTING A- Copper strip over lamination

Wire Net = 0.348" (0.307") Multi Wind Sec & Pri



DESIGNED BY GW

DATE 11/18/38


Pri.
Sec
Black
Red
12V/12V
CT
Blue
CT
Black
Red
225VDC
@60ma.

E_p - 115 V - 25 ~

E_f - 10.5 VCT - 4 Amp

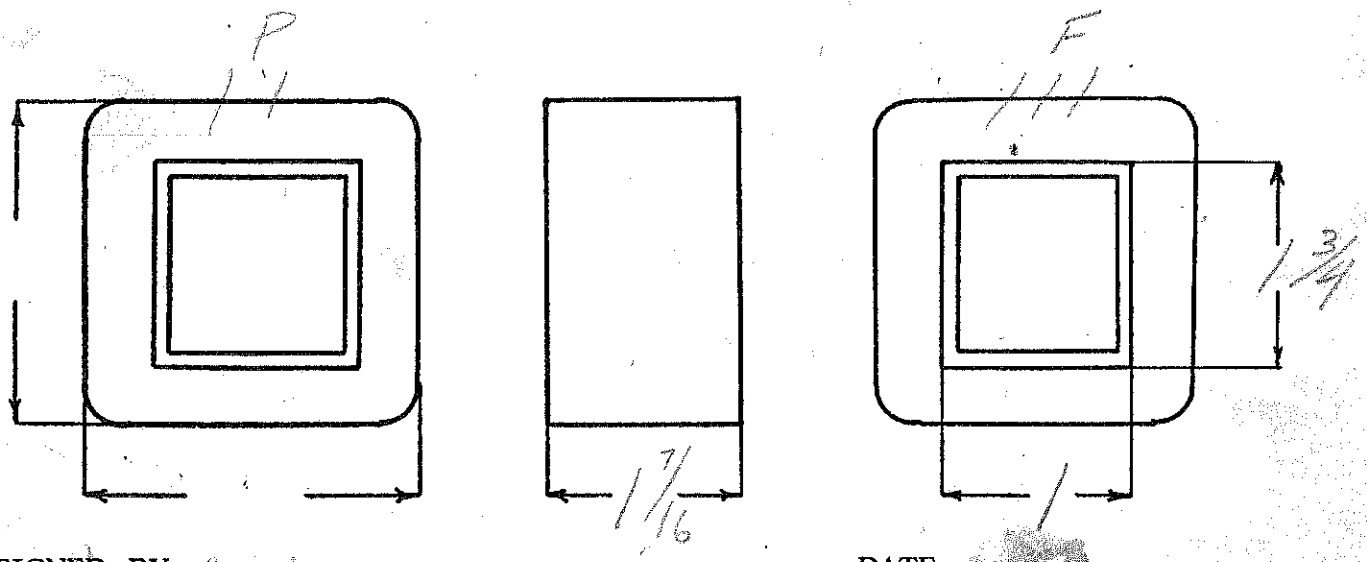
SPEC. NO. 4290-25 ~

Winding	Pri	Sec					
Turns	645	72					
Taps		36					
Wind. Lgth.	1.25						
Wire Size	#26	#17					
T. P. L.	65-10	3L					
Finish							
Type Lead	Wire Only						
Lead Lgth.	3"	3"					
Layer Insul.	50#	.005					
Test Volt.	Standard						
Wrapper	3L005GA	3L005GA					

TUBE	5L007GK	IMPREGNATION	Varnish

CORE 1 X 1 3/4 GA. 24 GRADE D STACK 2 X 2

MOUNTING C - Cadmium shell



DESIGNED BY JCB

DATE 2-24-39

E_p - 115 V - 25 ~

E_f - 10.5 VCT - 4 Amp

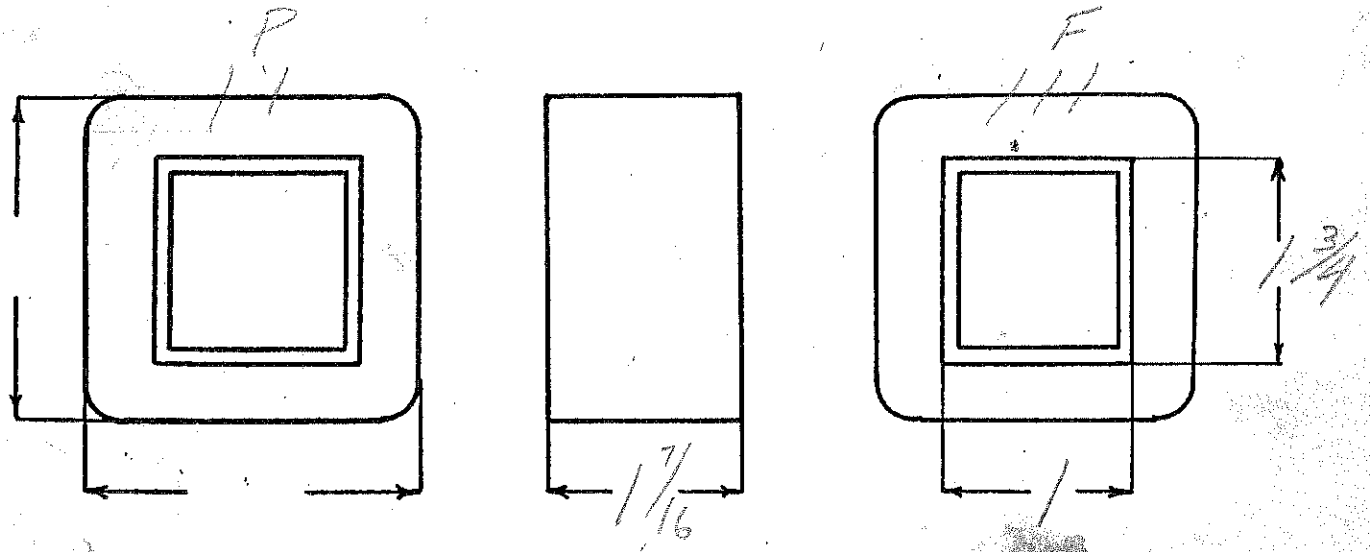
SPEC. NO. 4290-25 ~

Winding	Pri	Sec					
Turns	645	72					
Taps		36					
Wind. Lgth.	1.25						
Wire Size	#26	#17					
T. P. L.	65-10	3L					
Finish							
Type Lead	Wire Only						
Lead Lgth.	3"	3"					
Layer Insul.	50 #	.005					
Test Volt.	Standard						
Wrapper	3L005GA	3L005GA					

TUBE	5L0070K	IMPREGNATION	Varnish

CORE 1 X 1 3/4 GA. 24 GRADE D STACK 2 X 2

MOUNTING C - Cadmium shell



DESIGNED BY JCK

DATE 2-24-39

FILAMENT

EO-115

EF-10.5VCT-4 amps

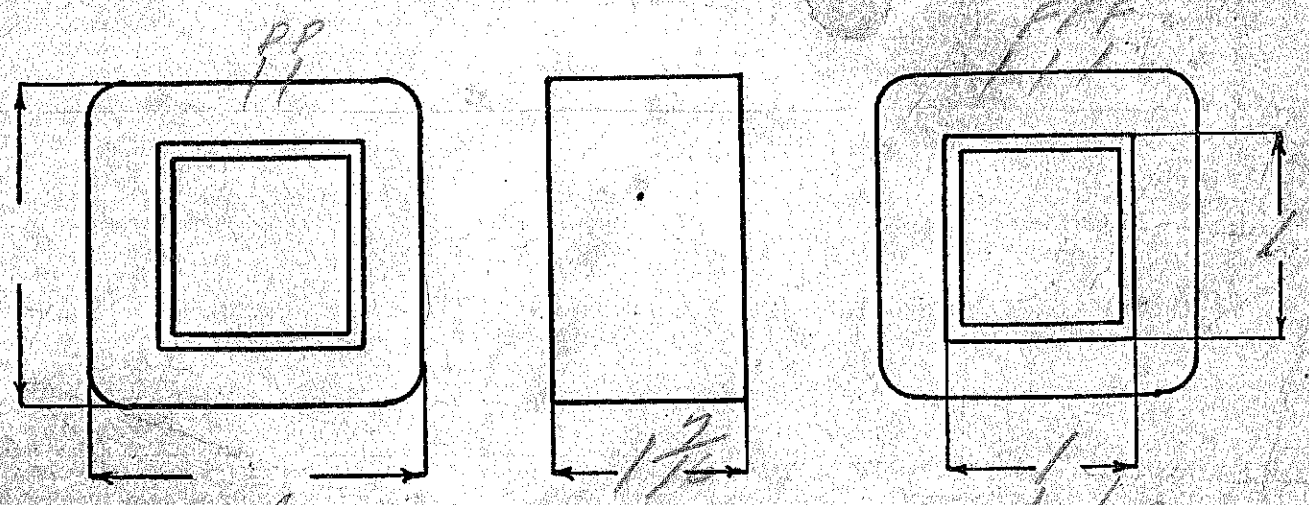
SPEC. NO. 4290

Winding	PRI	FIL					
Turns	660	72					
Taps	—	36					
Wind. Lgth.	1.25						
Wire Size	#27	#17					
T. P. L.	14-9	32					
Finish	WIRE	ONLY					
Type Lead							
Lead Lgth.	3"	3"					
Layer Insul.	40#						
Test Volt.							
Wrapper	2405GA	2405GA					

TUBE 5Z4GT IMPREGNATION VARNISH

CORE GA. GRADE STACK

MOUNTING C - aluminum shell



DESIGNED BY [illegible] DATE 11/24/35

E_P = 115 V.AC or 12V d.c. vibrator (24V c.t.) UNIVERSAL VIBRATOR KAAR

E_S = to deliver 200 V d.c. - 50 ma
Past 84 - and 302 choke - 8 mfd cond - input

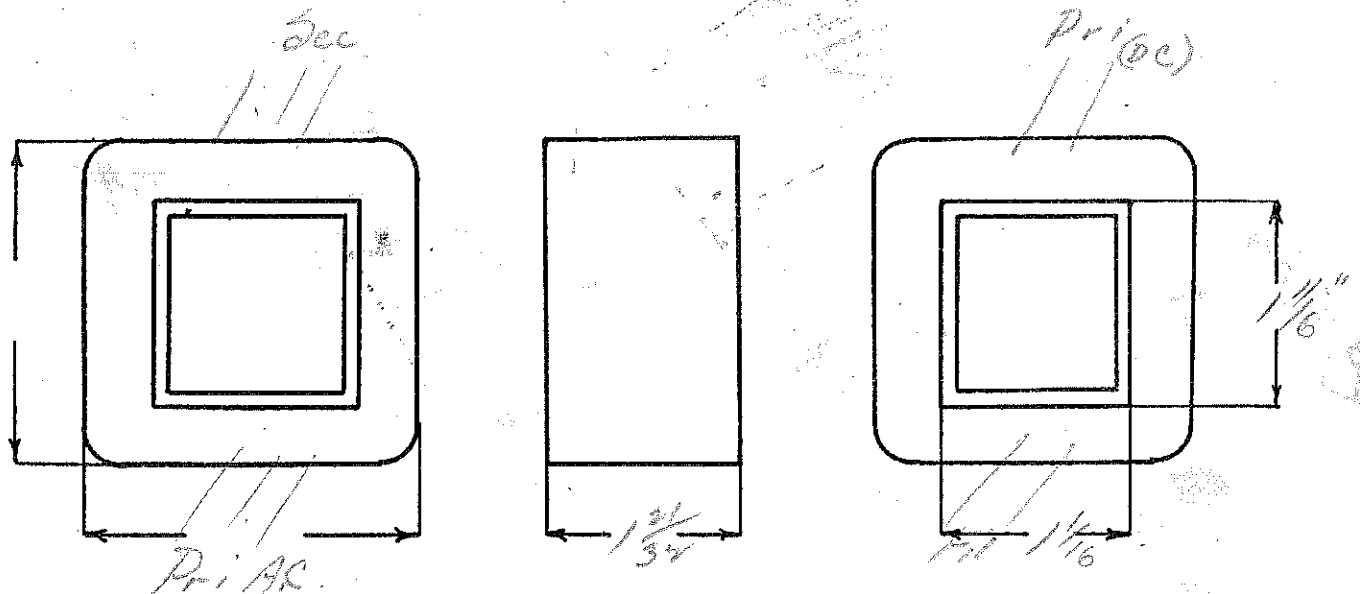
E_F = 12.6 V @ 1.2 amp - N/E = 5.2 SPEC. NO. 4291

Winding	Pri (ac)	Shield	Sec	Shield	Pri. (dc) Black	Fil White	
Turns	600		2160	1	94	71	
Taps	—		1080		47		
Wind. Lgth.	1 15/32"		—		—	—	
Wire Size	#26		#35		#19	#21	
T. P. L.	76 - 8		216 - 10				
Finish	#30 P.Br		#30 P.Br		Wire only		
Type Lead							
Lead Lgth.	9"		9"		9"	9"	
Layer Insul.	#40		D-16				
Test Volt.							
Wrapper	1L.005K	1L.007K	3L.005GA	1L.005GA	2L.005GA	1L.005GA	

TUBE	7L.007 K	IMPREGNATION	Varnish

CORE 1 11/16 x 1 11/16 GA. 24 GRADE D STACK 2 X 2

MOUNTING "AA" Copper Strip over Laminations



DESIGNED BY LJW DATE 4/11/50

Fil-Drop Revised

Ep - 12Vdc (24VCT) vibrator source KHAK

E3 - 400VCT - delivers 200VDC - 15 ma post C15b choke

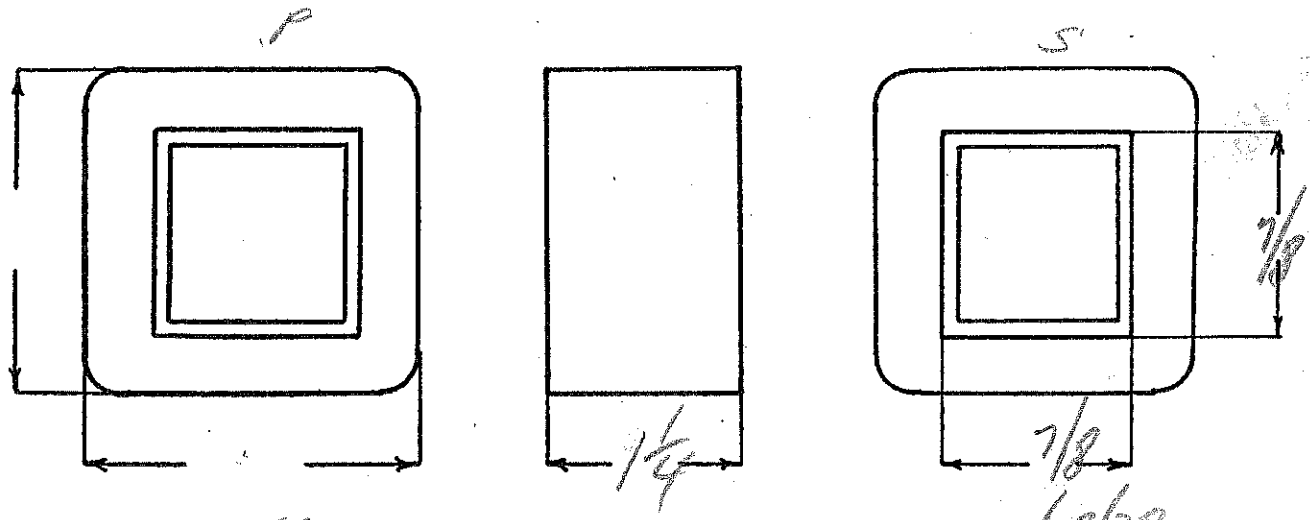
SPEC. NO. 4292

Winding	SEC	SHIELD	WHITE PRI				
Turns	3300	1	160				
Taps	1650		80				
Wind. Lgth.	1 1/16	Shim					
Wire Size	#38		#23				
T. P. L.	240-14		40-4				
Finish							
Type Lead	#26 PBr	Sil Bg	W.O.				
Lead Lgth.	9"	3"	9"				
Layer Insul.	30#		30#				
Test Volt.							
Wrapper	1600VDC	1600VDC	2W056A				

TUBE	5L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A - copper strip over Lam.



DESIGNED BY Geo

DATE 11/18/38

similar to P653
POWER

EP - 145
ES - 750 VCT - 100 ma
EF - 5V - 3 amp
EF - 6.3V - 4 amp

IDEWARE & HARD ELEC. CO.
ELECTRONIC DEVICES LAB.

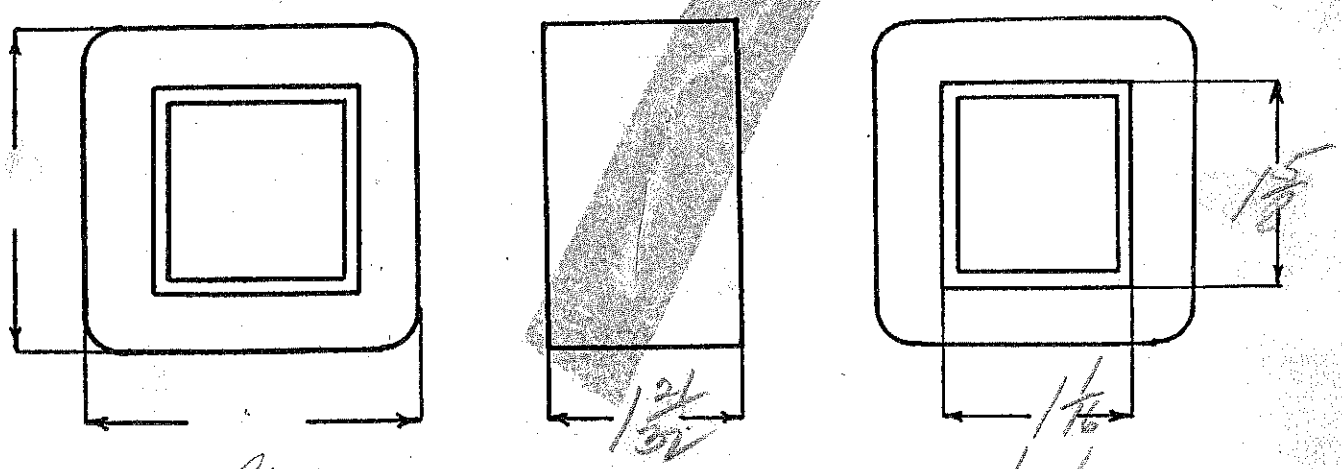
SPEC. NO. 4293

Winding	SEC	SHIELD	PRI	F_1	F_2		
Turns	2740	173	380	18	23		
Taps	1370		—	—	—		
Wind. Lgth.	$1\frac{15}{32}$						
Wire Size	#33	#33	#22	#18	#17		
T. P. L.	173-16		48-8				
Finish							
Type Lead	#20 P Braid	Scr Pr	#20 P Braid	Same as F_2			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	double 16#		50#				
Test Volt.							
Wrapper	1600 VC	1600 VC	2005 GA		2005 GA		

TUBE	7007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A



DESIGNED BY GW

DATE 11/14/38

Ep - 115V(ac) or 6V.DC.
Es - to deliver 475 to 500V dc @ 200 ma
EE - 5V 3 amp
EF - 6.3V filOT - 3 amp

RADIO SPECIALTIES CO.

2.0

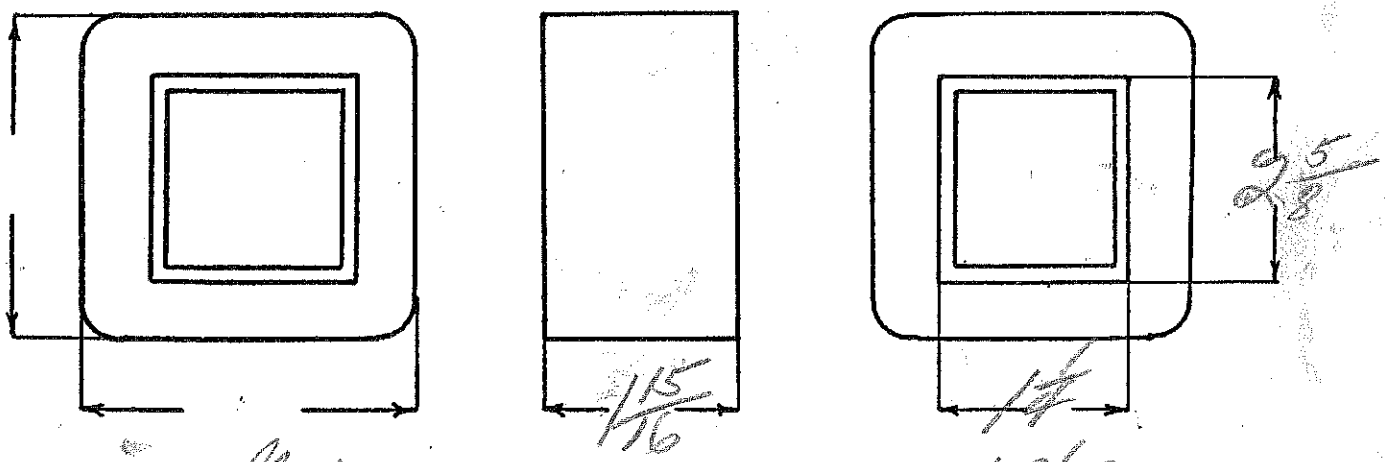
SPEC. NO. 4295

Winding	P_1	SHIELD	SEC	SHIELD	P_2	F_1	F_2
Turns	230	1	2040	1	20	11	13
Taps			1020		10		6
Wind. Lgth.	1.75	✓	✓	✓	✓		
Wire Size	#20	SHIM	#29	SHIM	#13	#17	#17
T. P. L.	47-5		130-16		85		
Finish							
Type Lead	#20 DBC	Sil Bn	#20 DBC	Sil Bn	wire	only	
Lead Lgth.	9"	3"	9"	3"	9"	9"	
Layer Insul.	50#		double 16#				
Test Volt.							
Wrapper	2400SVC	2400SVC	2400SVC	2400TGA	✓	✓	2400TGA

TUBE	7L007	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A - Copper shield over lamination



DESIGNED BY Gw

DATE 11/18/38

Pilot No. 150 E. J. ROSE

230 to 125V step down – 10 amp

1.75 SPEC. NO. 4297

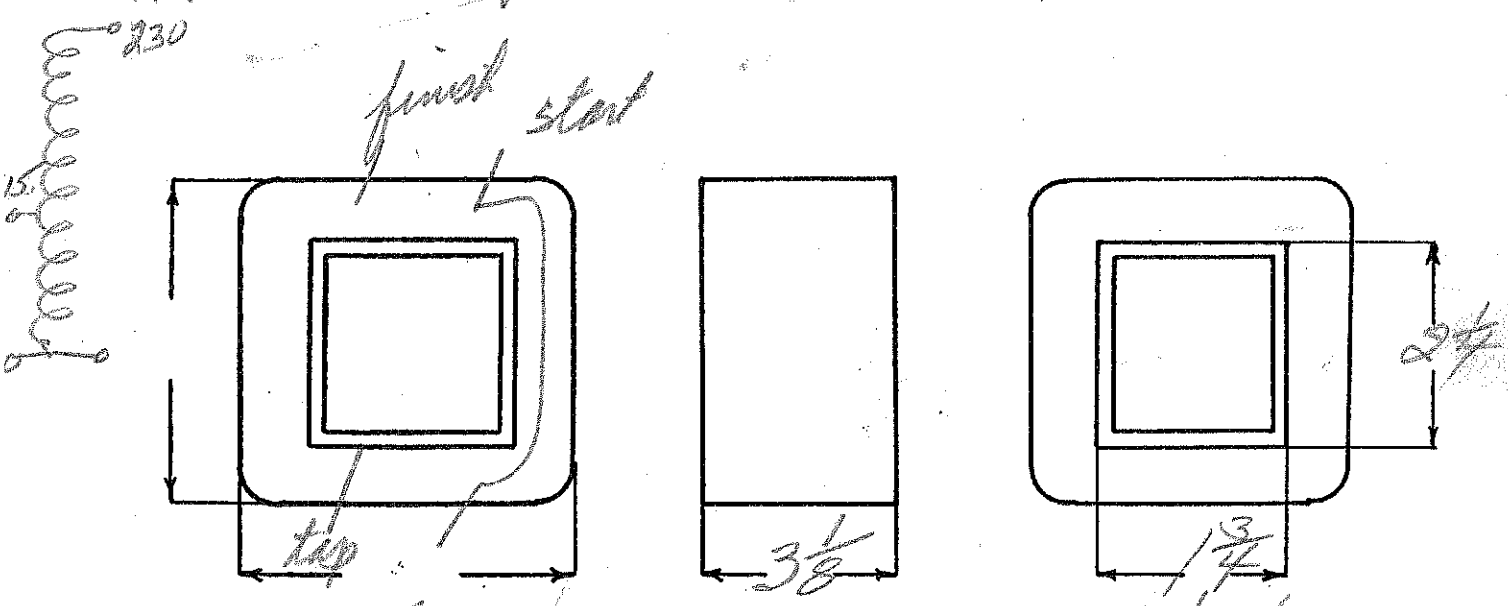
Winding	PR1						
Turns	400						
Taps	210						
Wind. Lgth.	2 3/4						
Wire Size	#13						
T. P. L.	34-12						
Finish	W. O.						
Type Lead	#14 SJ Cord						
Lead Lgth.	6'						
Layer Insul.	.007K						
Test Volt.							
Wrapper	31085-A						Oil Cloth

TUBE 10L007 IMPREGNATION Varnish

CORE GA. 24 GRADE D STACK 2x2

MOUNTING T – Cast iron case

mount white porcelain sec. in panel



DESIGNED BY GW DATE 11/15/38

ALLIED PHONOGRAPH CO.

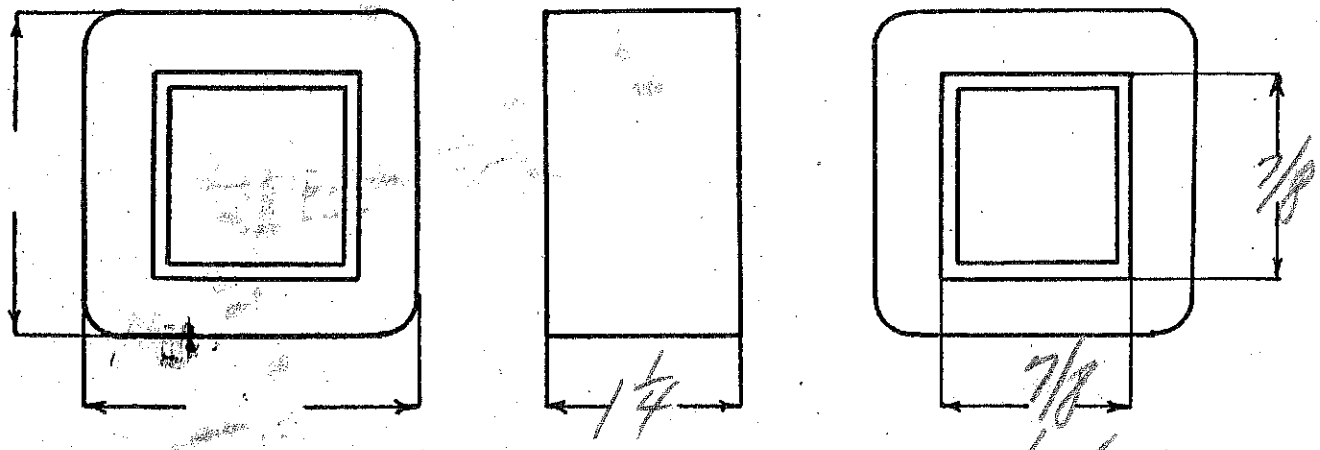
EP - 115
ES - 400VCT - 15 ma
EF - 5V, 2amp EF - 6.3V - 1amp 7.25 SPEC. NO. 4298

Winding	SEC	SHIELD	PRI	F1	F2		
Turns	3260	85	830	42	52		
Taps	1630			—	—		
Wind. Lgth.	1 1/16	✓	✓	✓	✓		
Wire Size	#39	#30	#30	#21	#23		
T. P. L.	235-14		85-10	1.3L	1.3L		
Finish							
Type Lead	#22 collar	Silk	#20 collar	wire only			
Lead Lgth.	9"	3"	9"	9"	9"		
Layer Insul.	20#		30#				
Test Volt.							
Wrapper	1605VC	1605VC	2605GA	✓	2605GA		

TUBE	5U07	IMPREGNATION	Varnish

CORE	GA.	GRADE	STACK

MOUNTING A



DESIGNED BY Gus DATE 11/16/38

Ep-115

Es1 - 14V tap 12 - 1.5 amp

Es2 - 14V tap 12 - 1.5 amp

M/E=5

REMLER COIL CO.

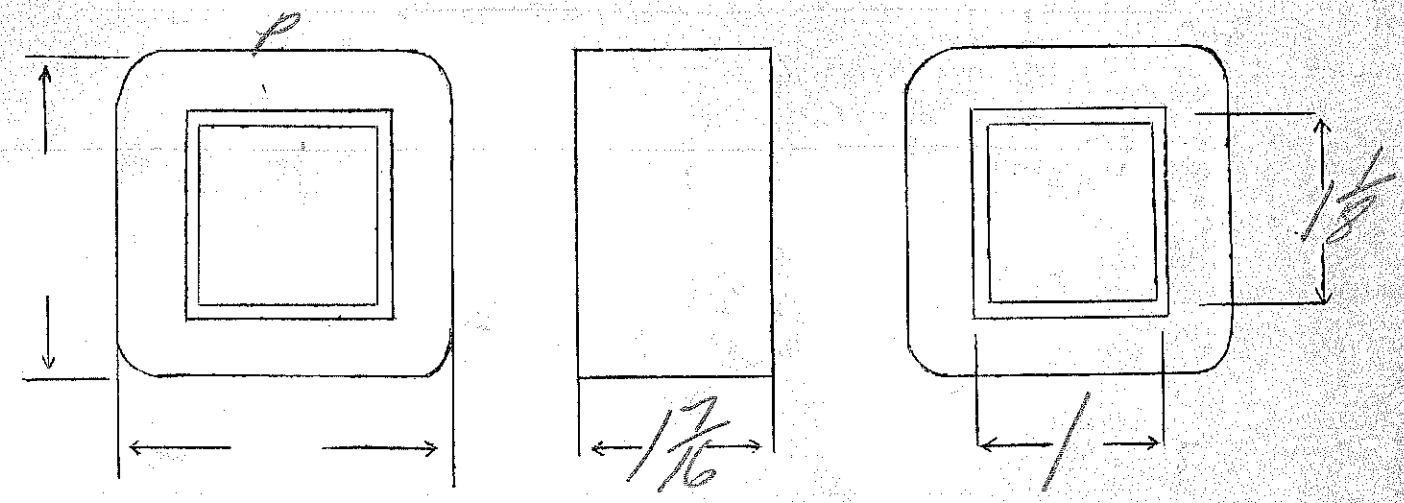
SPEC. NO. 4299

Winding	PRI	S_1	S_2	Black			
Turns	575	78	78	Black			
Taps		67	67	white			
Wind. Lgth.	1.25	✓	✓				
Wire Size	#26	#21	#21				
T.P.L.	65-9	2L	2L				
Kind Term.	#20 Parkin	wire	only				
Term. Lgth.	9"	9"	9"				
Layer Insul.	40#						
Test Volt.	—	—	—				
Wrapper	2400SGA	✓	2400SGA				

TUBE 5L007 | IMPREGNATION Varnish

CORE | PRIMARY V.A.

MOUNTING A



DESIGNED BY [illegible] DATE 11/15/38