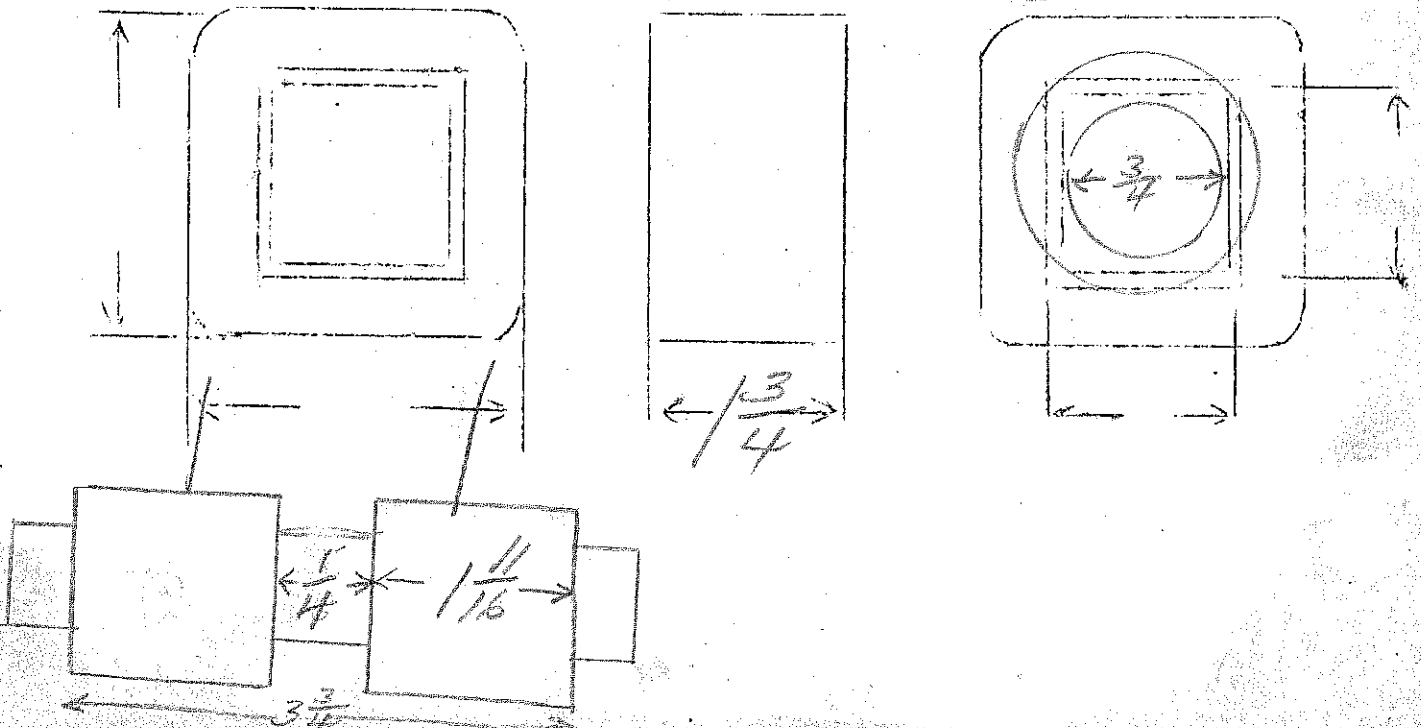


SEC #1

SPEC. NO. 2100

Winding	SEC						
Turns	6000						
Taps							
Wind. Lgth.	1 1/16						
Wire Size	#40						
T.P.L.	270						
Kind Term.	sil Br						
Term. Lgth.	5"						
Layer Insul.	dantale 12						
Wrapper	16005GA						
TUBE	46005 + 16005VC				IMPREGNATION		WAX
CURE							

wind 2 coils per order

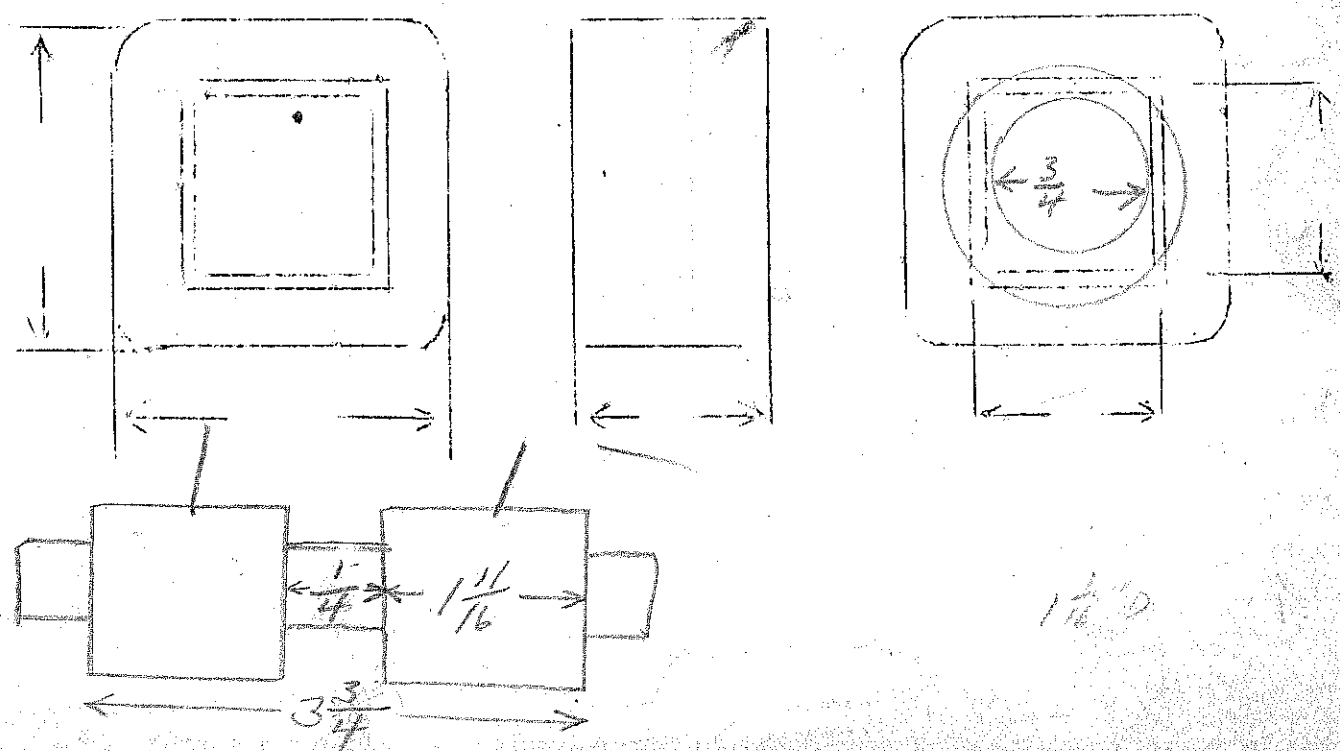


SEC #2

SPEC. NO. 2101

Winding							
Turns	8100						
Taps	—						
Wind. Lgth.	1 1/16						
Wire Size	#40						
T.P.L.	270						
Kind Term.	sil Br						
Term. Lgth.	5"						
Layer Insul.	double 12*						
Wrapper	10056-A						
TUBE	4007H/1007 VC	IMPREGNATION	WAX				
CURE	—						

wind 2 coils per order



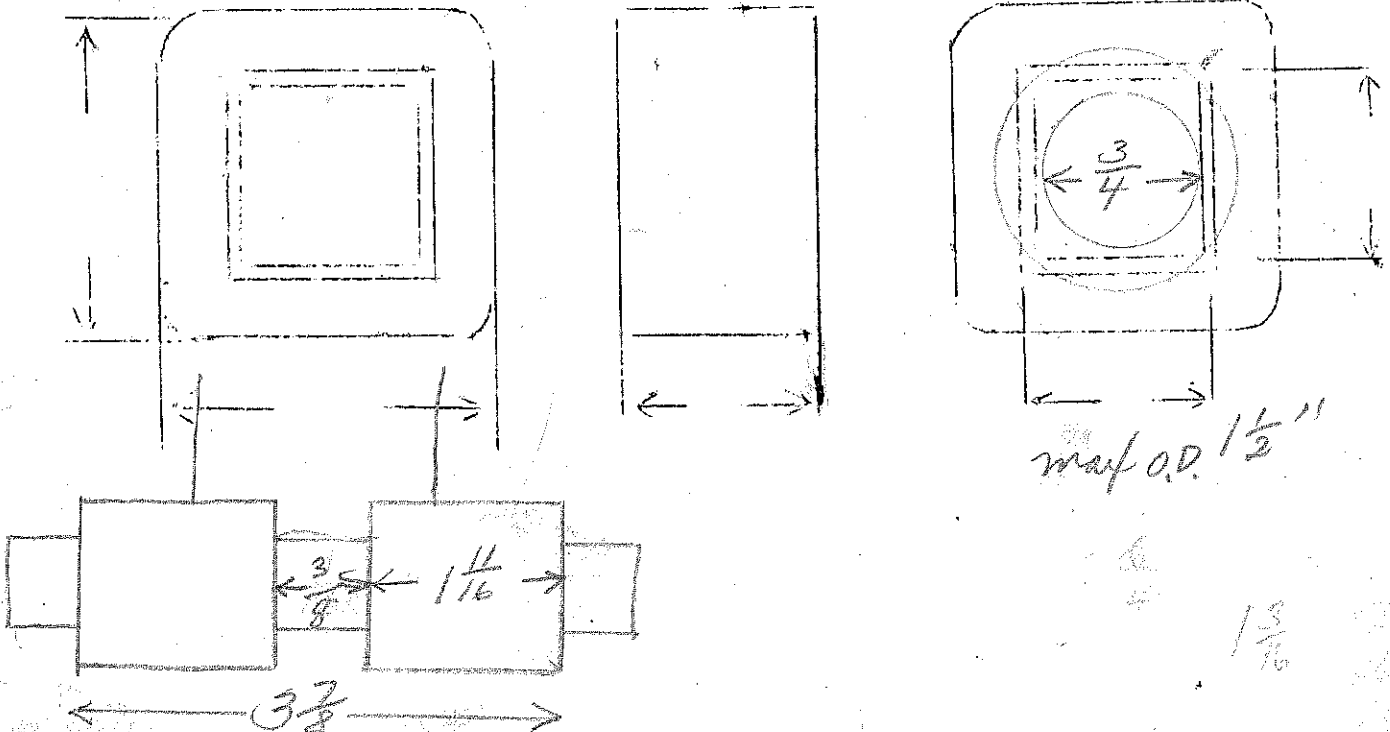
40-70

19 30

SPEC. NO. 2102

Winding				.820-.825 OS		
Turns	15000			OS on mandrel	1 L .005 GA + 2 L .005	
Taps				4 2L .002 C.P.		
Wind. Lgth.	1 1/16					
Wire Size	#40					
T.P.L.	285 270					
Kind Term.	sil br	#20 P/B				
Term. Lgth.	5 1/4 5 1/8"					
Layer Insul.	nylon 2#					
Wrapper	1005 GA					
TUBE	4007 + 1005 VC			IMPREGNATION	WAX	
CURE	—					

wind 2 coils per order



Universal DRIVER

New stock

Push Pull Plates to Push Pull grids

30 watts Audio

Pri / 1/2 Sec 1.5 - 2 - 2.5 : 1

max Pri D.C. = 200 ma. per side

SPEC. NO. 2103
500 5596

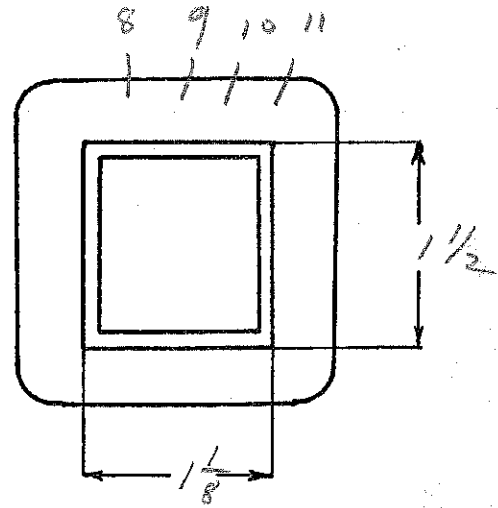
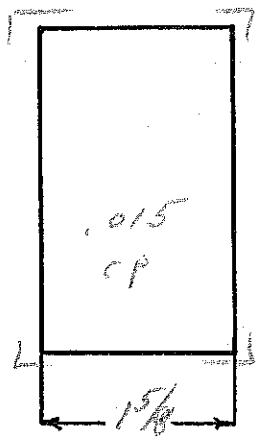
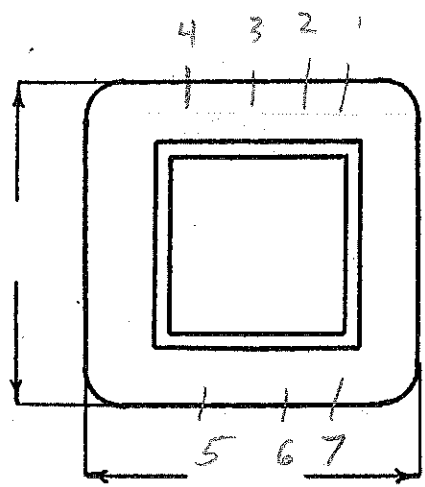
Winding	1-2-3-4 Sec	5-6-7 Pri	8-9-10-11 Sec			
Turns	800	1200	800			
Taps	200-319	600	481-600			
Wind. Lgth.	1 3/8	1 3/8	1 3/8			
Wire Size	# 29	# 29	# 29			
T. P. L.	100-9L	100-12L	100-9L			
Finish	89%	89%	89%			
Type Lead	# 22 Dulae					
Lead Lgth.	cut 14"					
Layer Insul.	30#	30#	30#			
Test Volt.	2500	2500	2500			
Wrapper	2L005VC	2L005VC	2L007LA			

TUBE 5L010 GK * 2L005VC IMPREGNATION Varnish

CORE 1 1/8 x 1 1/2 GA. 2 GRADE A STACK 89%
No Gap

MOUNTING AA

WT = 89%



DESIGNED BY S. Babcock

DATE 4-26-49

DESIGN AND TEST DATA

Rating: _____

Winding	Sec	Pri	Sec				
Mean Turn	6.11	7.24	8.37				
Resistance 25° c	34.0	60.3	46.5				
Pounds Copper	.091	.282	.218				
Copper Density							
Ratio Volts							
Test to Ground	2500	2500	2500				

Iron Induction _____ @ _____ Cycles

Exciting Current _____ amperes @ _____ volts 60 cycles on _____

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

Remarks:

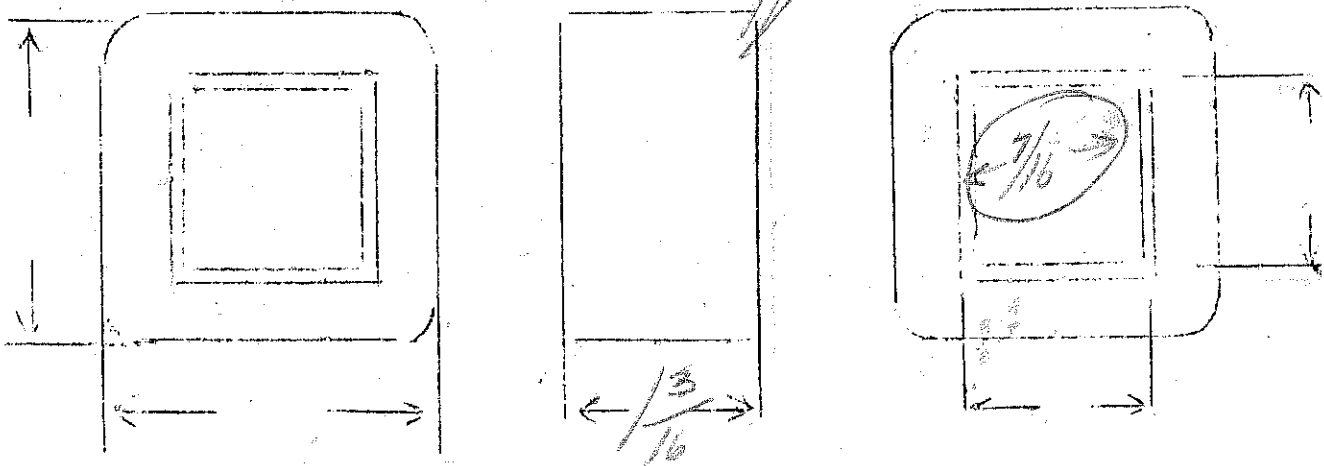
- 5 - Red
- 6 - Blue
- 7 - Brown
- 1-11 Blue - White
- 2-10 Yellow
- 3-9 Green
- 4-8 Black

coil only

SPEC. NO. 2105 (same as 928)

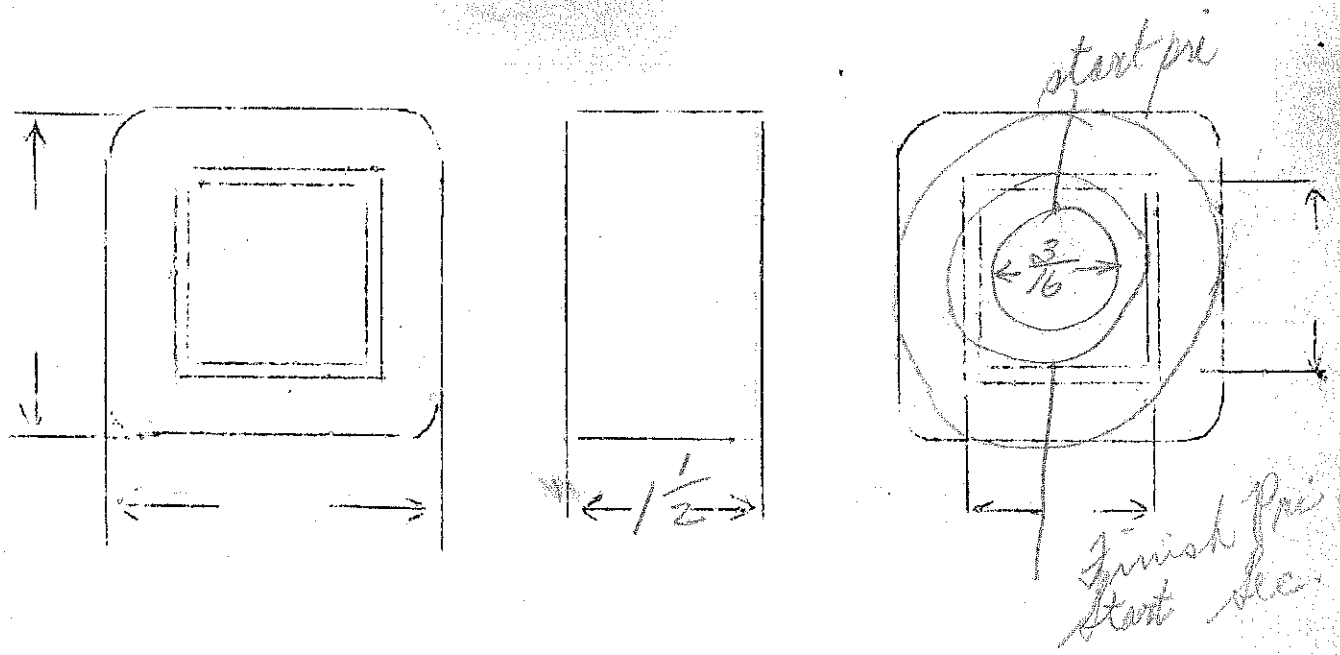
Winding							
Turns	900						
Taps	530						
Wind. Lgth.	1"						
Wire Size	#26						
T.P.L.	53-17						
Kind Term.	#22 round						
Term. Lgth.	6"						
Layer Insul.	30#						
Wrapper	210056A						
TUBE	42007				IMPREGNATION		varnish
CURE	7/16 round						

Color Code
 Black Start
 Red Tap
 Blue Finish



SPEC. NO. 2nd coil

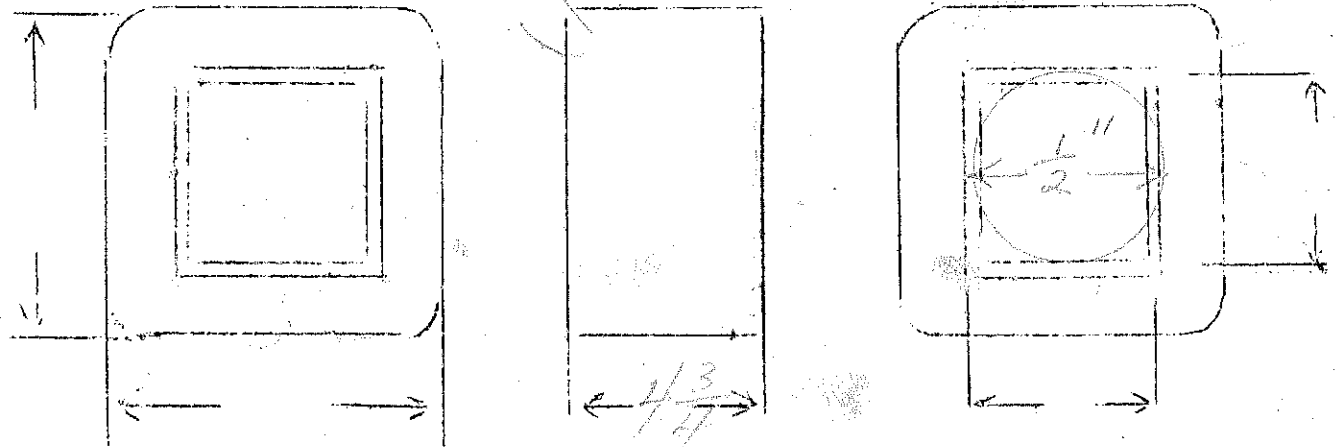
Winding	PRI	SEC					
Turns							
Taps							
Wind. Lgth.	1 1/4	1 1/4					
Wire Size	25	40					
T.P.L.							
Kind Term.	W.O	shim stock					
Term. Lgth.	3'	3"					
Layer Insul.	30#	hardbk 125					
Wrapper	10003 W						
TUBE	31003 Kraft 11 1/2" x 5 1/2"			IMPREGNATION		WAX	
CURE							



Primary to 2100, 2101, 2102

SPEC. NO. 2107

Winding	PR1						
Turns	236						
Taps	()						
Wind. Lgth.	4 1/2						
Wire Size	#19						
T.P.L.	118-2						
Kind Term.	WIPE ONLY - strip in machine						
Term. Lgth.	start 1 end 3" - must be stripped						
Layer Insul.	007 Kraft						
Wrapper	()						
TUBE	11005 GA + 31007 GA	IMPREGNATION	WAX				
CURE	special wire lamination						

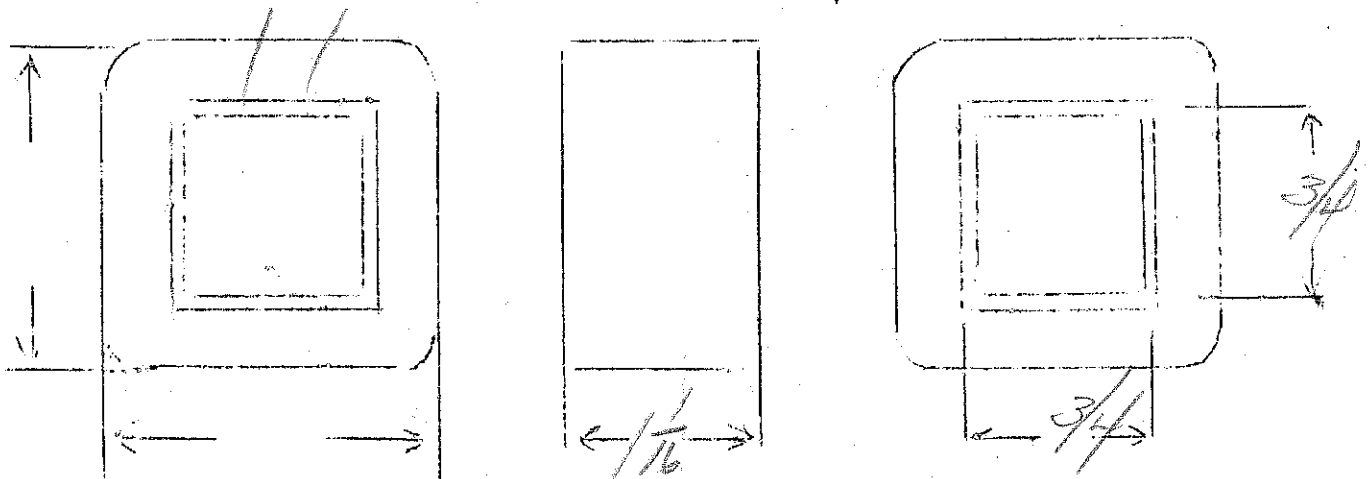


Core length 9 3/8

4# - 25V winding

SPEC. NO. 2108

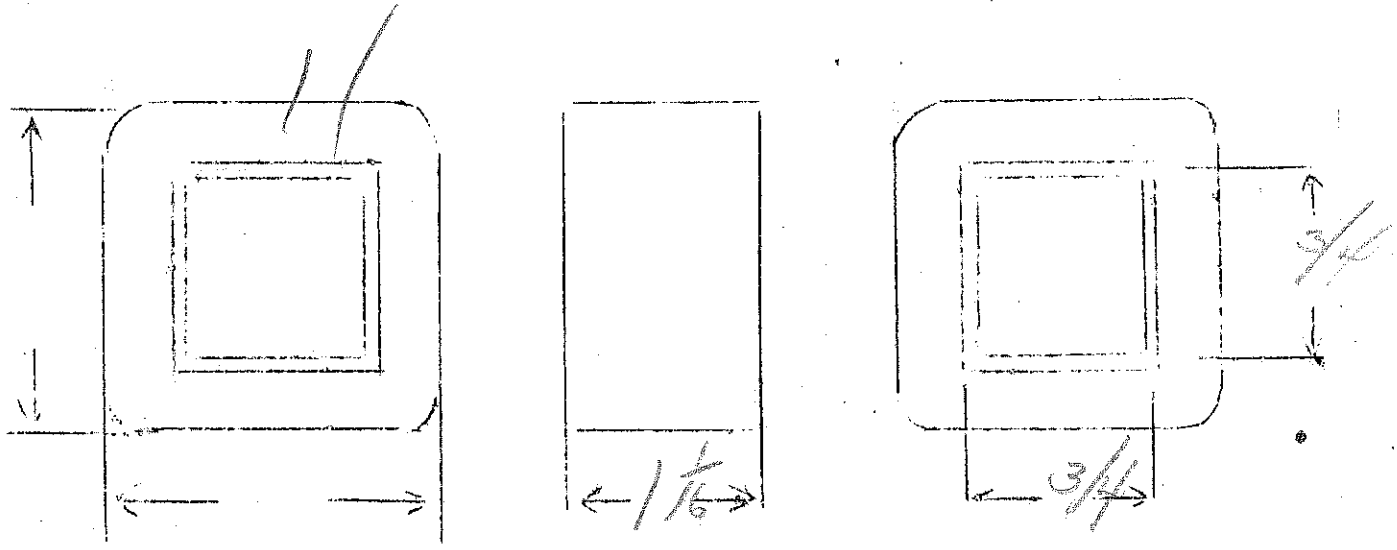
Winding	Pri						
Turns	2250						
Taps							
Wind. Lgth.	7/8						
Wire Size	#33						
T.P.L.	103-22						
Kind Term.	sil Br						
Term. Lgth.	3"						
Layer Insul.	40#						
Wrapper	210056A						
TUBE	76007			IMPREGNATION		VARNISH	
CURE	3/4 x 3/4	26	80	2x2			



04H

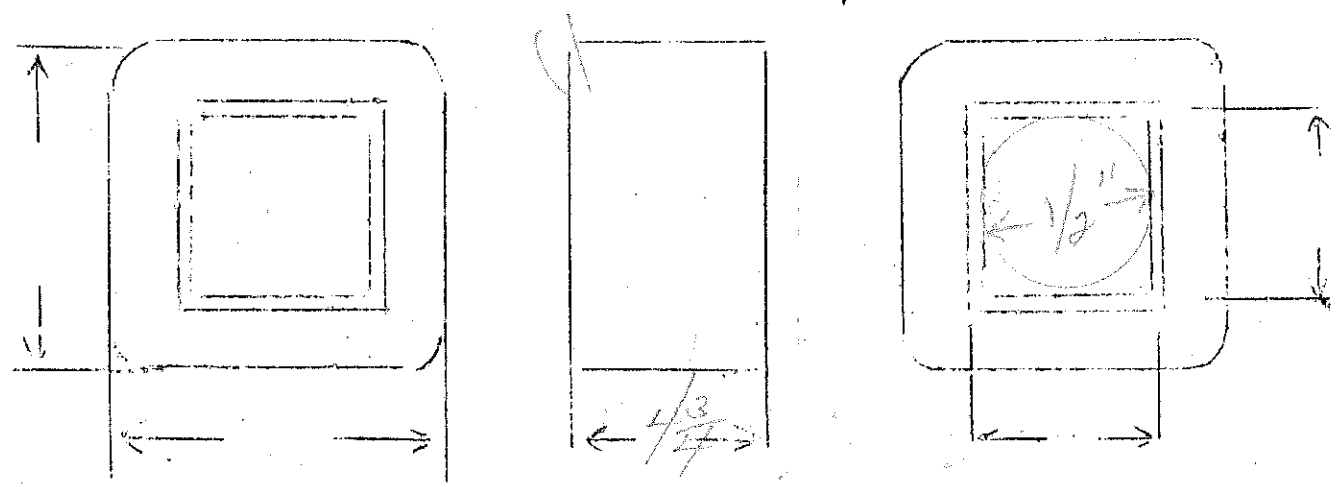
SPEC. NO. 2109

Winding	PRI						
Turns	250						
Taps							
Wind. Lgth.	7/8						
Wire Size	#28						
T.P.L.	58-13						
Kind Term.	silver						
Term. Lgth.	3"						
Layer Insul.	40#						
Wrapper	20056A						
TUBE	7L007	IMPREGNATION				VARNISH	
CURE	3/4 x 3/4 - 26 to 2x2						



SPEC. NO. 2110

Winding	PRI						
Turns	194						
Taps	—						
Wind. Lgth.	4 1/2						
Wire Size	#19						
T.P.L.	100						
Kind Term.	WIRE ONLY						
Term. Lgth.	6"						
Layer Insul.	007 Kapak						
Wrapper	none						
TUBE	12005 GA x 360076x IMPREGNATION					W AX	
CURE	special wire laminator						

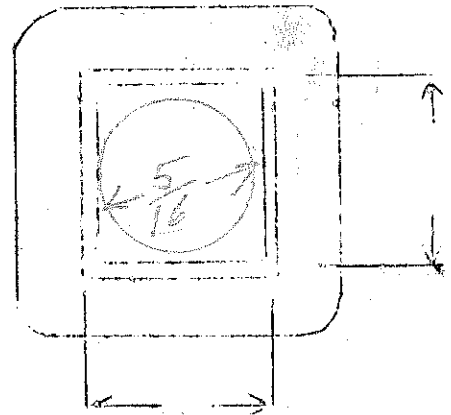
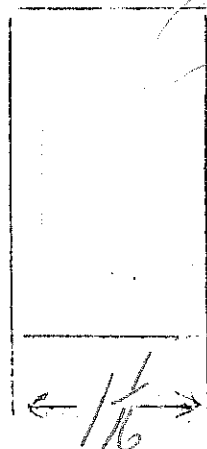
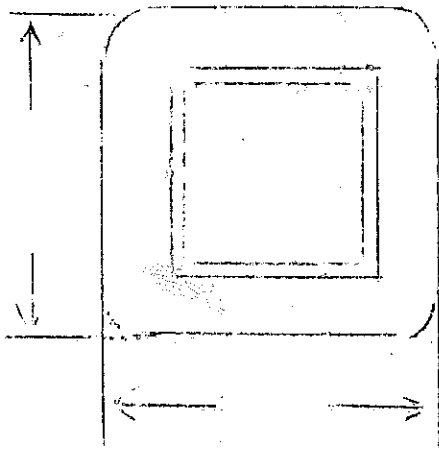


Core length $4 \frac{7}{8}$

SPEC. NO.

2111 Coil only

Winding	PR1						
Turns	500						
Taps	—						
Wind. Lgth.	15/16						
Wire Size	23						
T.P.L.	34-15						
Kind Term.	WIRE ONLY						
Term. Lgth.	6"						
Layer Insul.	40#						
Wrapper	210056A						
TUBE	44007	IMPREGNATION			VARNISH		
CURE	—						

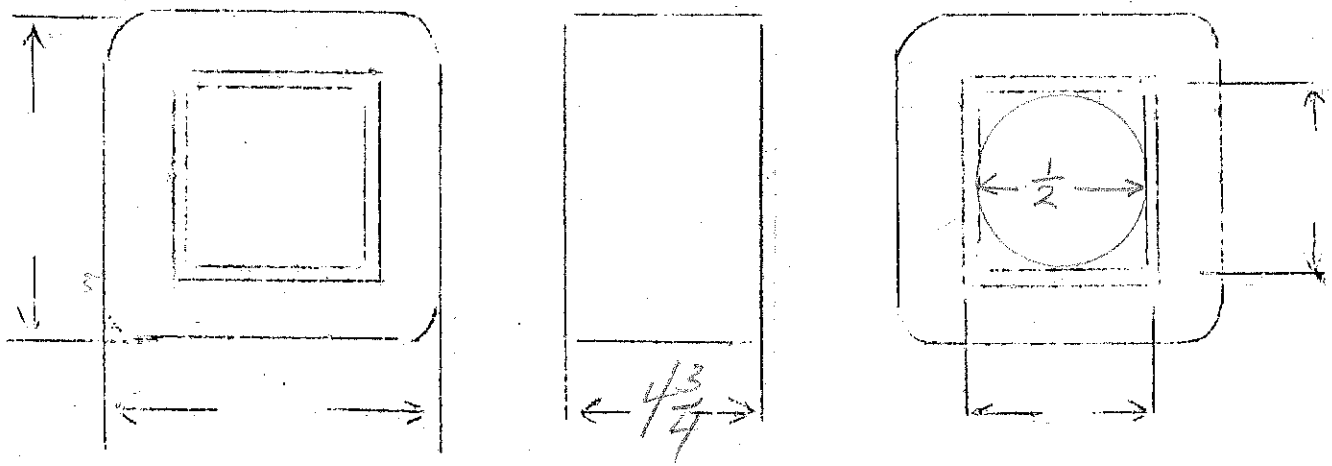


SPEC. NO. 2112

Winding	PR1						
Turns	132						
Taps	—						
Wind. Lgth.	4 1/2						
Wire Size	#19						
T.P.L.	182						
Kind Term.	W-ONLY						
Term. Lgth.	start 1" finish 3"						
Layer Insul.	.007 Kraft						
Wrapper	—						

TUBE | 120056A + 320078A | IMPREGNATION | WAX

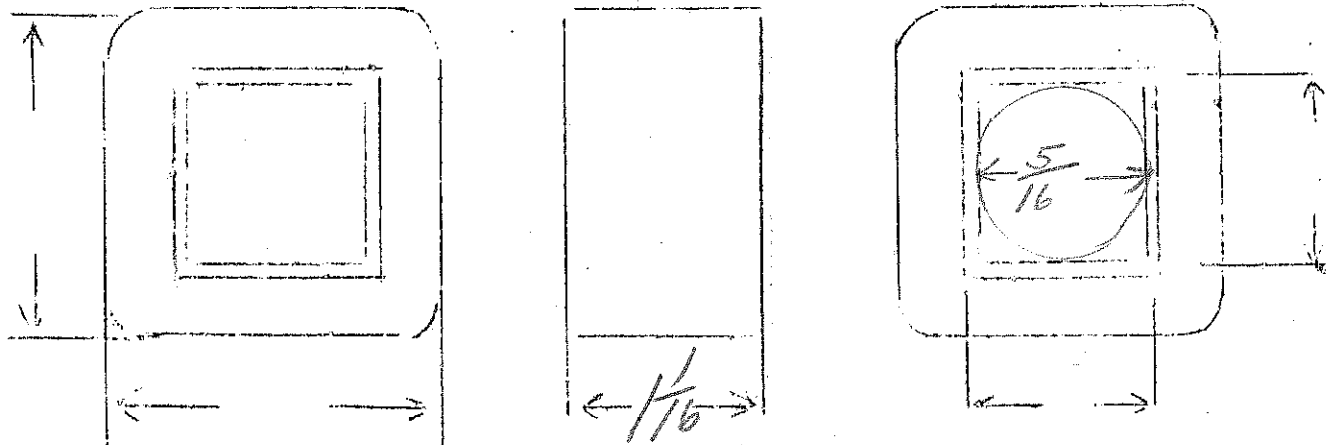
CURE | Special wire laminator



core length 4 3/4

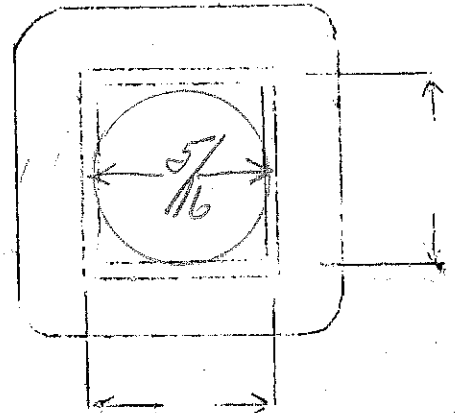
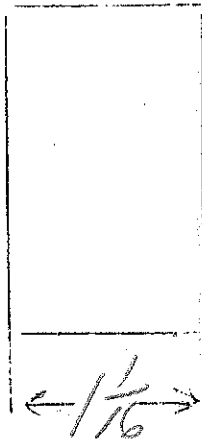
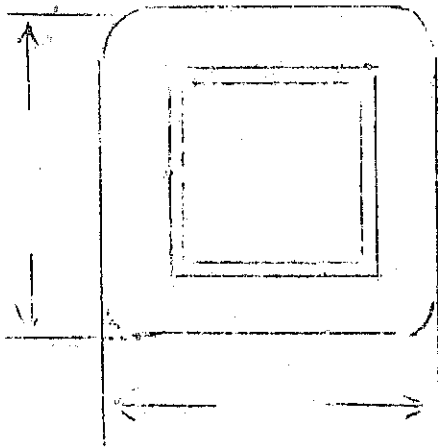
SPEC. NO. 2113

Winding	PRI						
Turns	1260						
Taps	—						
Wind. Lgth.	15/16						
Wire Size	#28						
T.P.L.	58-22						
Kind Term.	WIRE ONLY						
Term. Lgth.	6"						
Layer Insul.	30#						
Wrapper	2L0056A						
TUBE	4L007	IMPREGNATION			Varnish		
CURE	_____						



SPEC. NO. 2114

Winding	PRI						
Turns	930						
Taps							
Wind. Lgth.	7/8						
Wire Size	26						
T.P.L.	46-20						
Kind Term.	WIPE ONLY						
Term. Lgth.	6"						
Layer Insul.	30 #						
Wrapper	2205 GA						
TUBE	4007			IMPREGNATION		VARNISH	
CURE							



$\frac{N}{E} = 2$

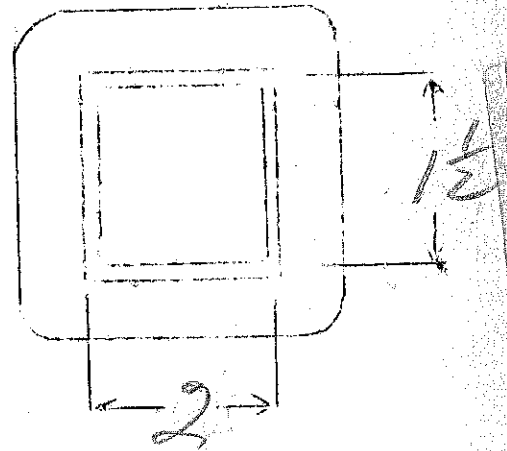
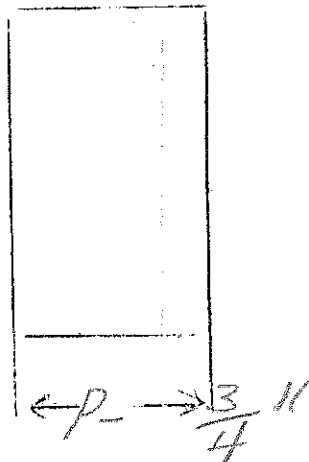
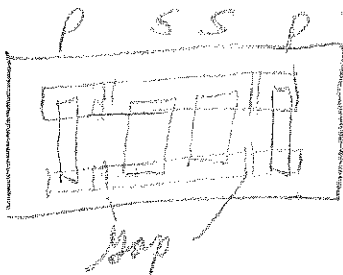
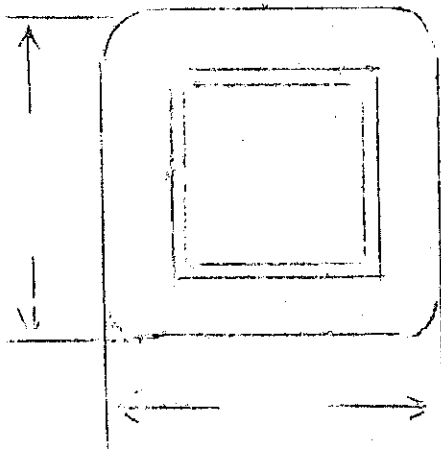
Pri - 115V
Sec - 45000V - 7ma

SPEC. NO.

2115

Winding	PRI	SEC				
Turns	115	45,000				
Taps	—	—				
Wind. Lgth.	3/4	3/4				
Wire Size	#21	#41				
T.P.L.	6	240				
Kind Term.	W.O. ^{no} sewing	Sil Br	start inside coil			
Term. Lgth.	9"	9"				
Layer Insul.	50 #	double 12 #				
Wrapper	20056A	52010VC 310056A				
TUBE	10L007 + 3L007VC		IMPREGNATION	WAX		
CURE	2 x 1 1/2		double E - 1 3/8" short - 1 cut 1/2"			

1 2 pri + 2 sec



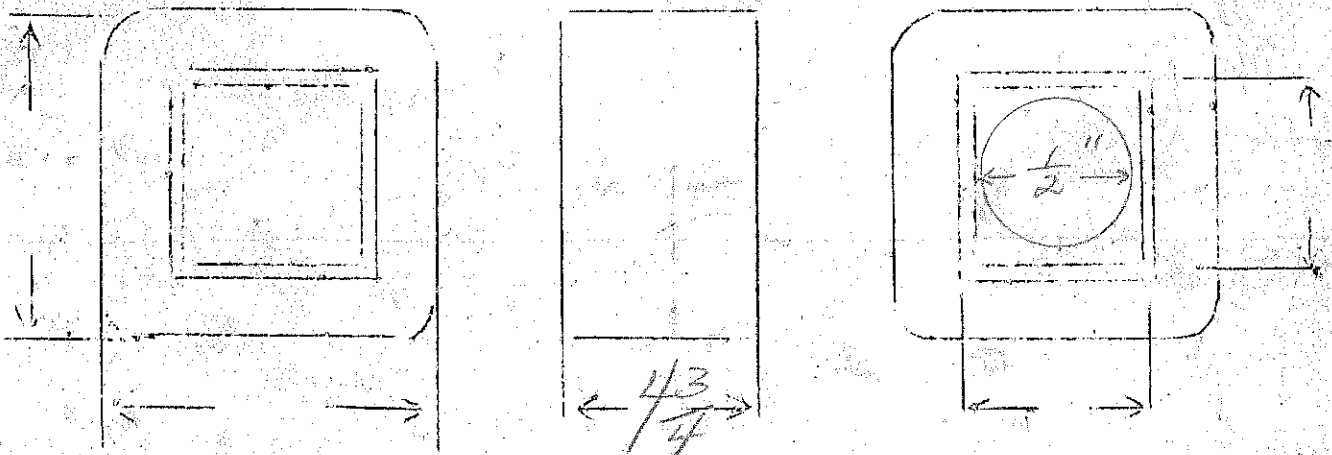
special multi Ray Primary

SPEC. NO. 2116

Winding	PR1					
Turns	450					
Taps	225					
Wind. Lgth.	4 1/2					
Wire Size	#22					
T.P.L.						
Kind Term.	W.O					
Term. Lgth.	3"					
Layer Insul.	30#					
Wrapper						

TUBE 1L0056A + 2L0076A IMPREGNATION _____
 CURE special wire lamination

33
10
10



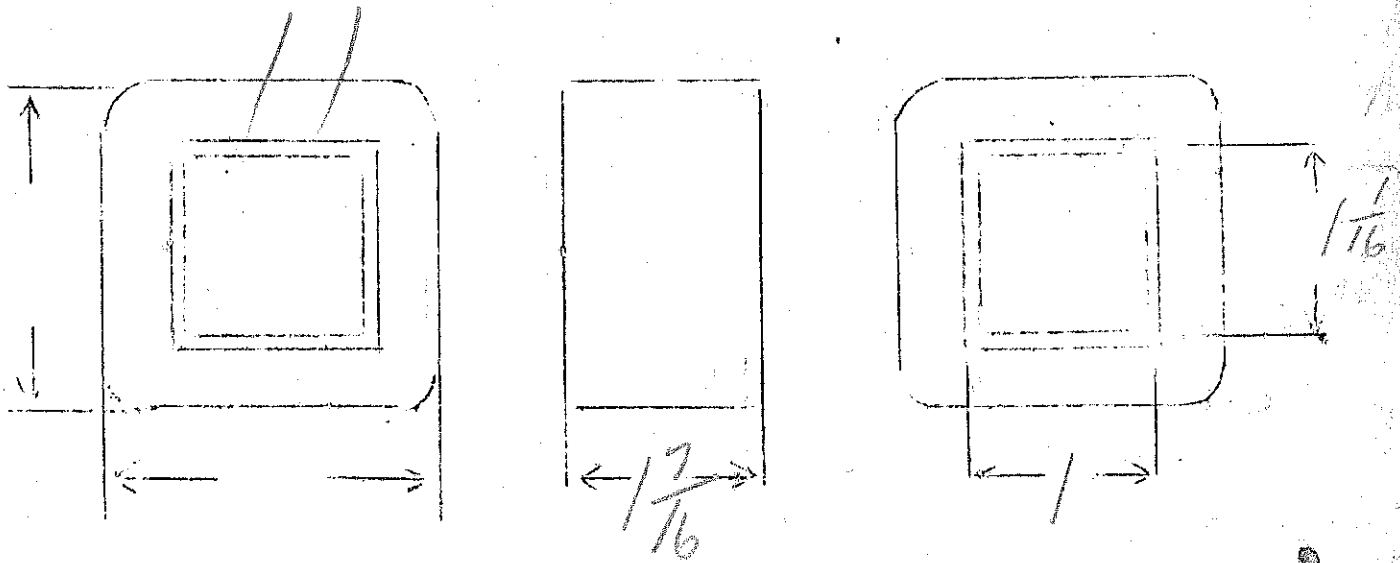
Core length 4 3/4

28
13
81

10H-150 MA - 100 Ω choke
 approx

SPEC. NO. 2117

Winding	PRI					
Turns	2850					
Taps	—					
Wind. Lgth.	1.25					
Wire Size	29					
T.P.L.	95-28					
Kind Term.	Pen Brand					
Term. Lgth.	9"					
Layer Insul.	30 [#]					
Wrapper	3L005GA					
TUBE	7L007	IMPREGNATION			VARNISH	
CURE	1X 1/16 - 2 1/2 ga	Sep. 020				

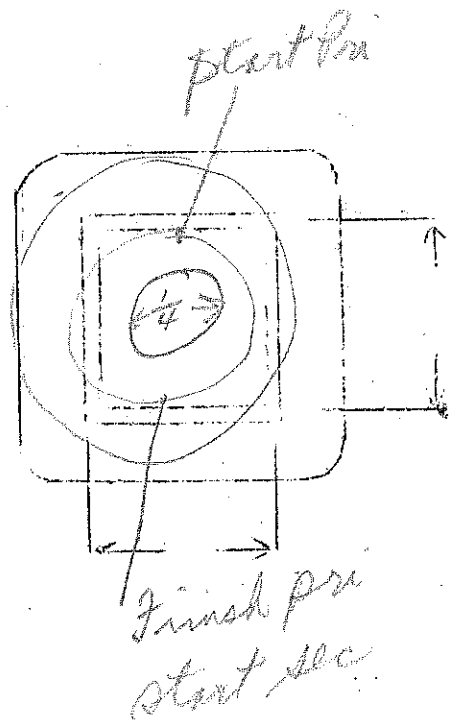
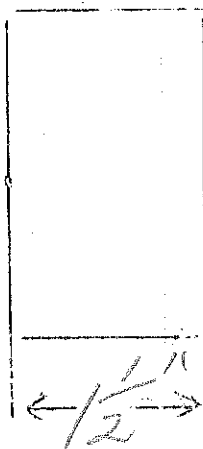
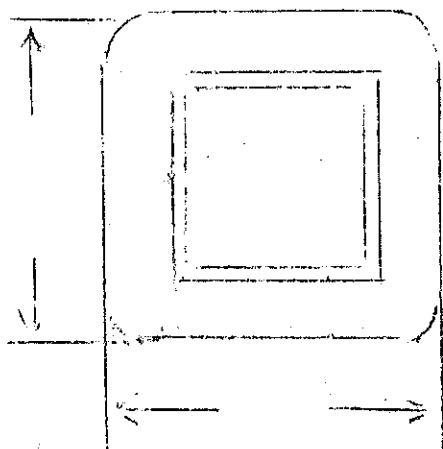


special spark coil - mounting

SPEC. NO. 2118

Winding	PRI	SEC				
Turns	204	18000				
Taps	—	—				
Wind. Lgth.	1 1/4	1 1/4				
Wire Size	24	40				
T.P.L.	51-4	350				
Kind Term.	W. 0	braided				
Term. Lgth.	6"	3"				
Layer Insul.	30 #	double 12 #				
Wrapper	12003VP	—				
TUBE	3L003 Kraft		IMPREGNATION		WAX	
CURE	12005 GA					

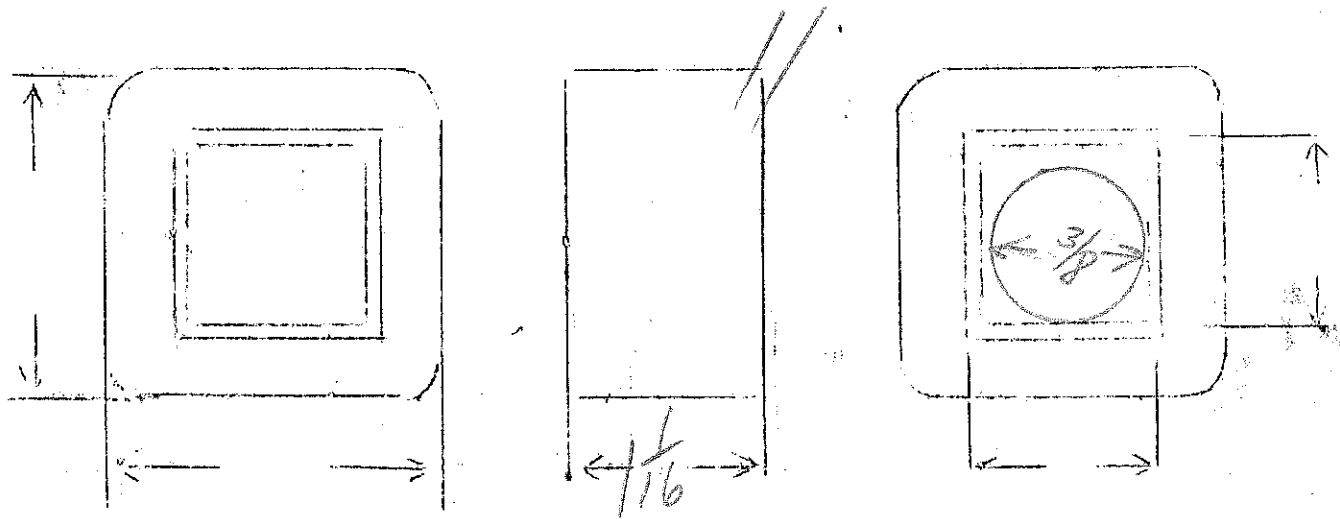
solder finishing -



2118
5/1/49

SPEC. NO. 2120

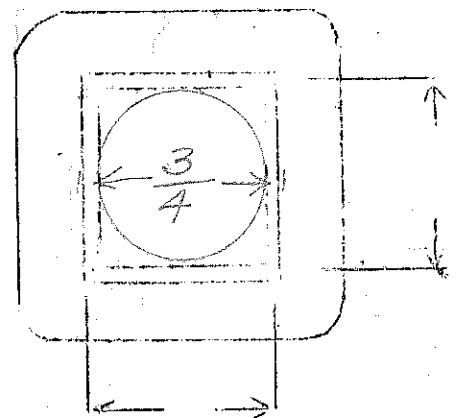
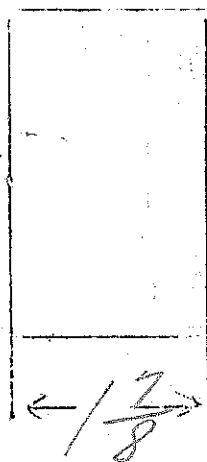
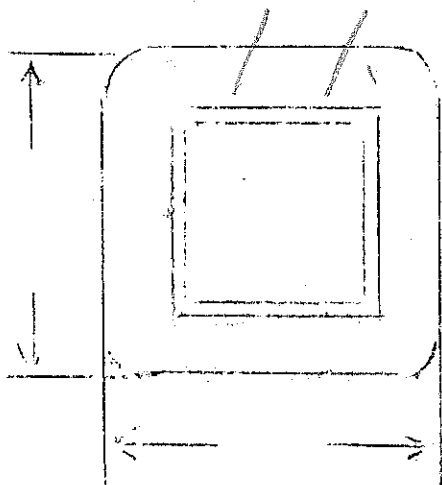
Winding	PRI						
Turns	700						
Taps	—						
Wind. Lgth.	15/16						
Wire Size	26						
T.P.L.	50-14						
Kind Term.	W.O						
Term. Lgth.	6						
Layer Insul.	30#						
Wrapper	2L0056A						
TUBE	4L007						
CURE							



SPEC. NO. _____

2121 Coil Only

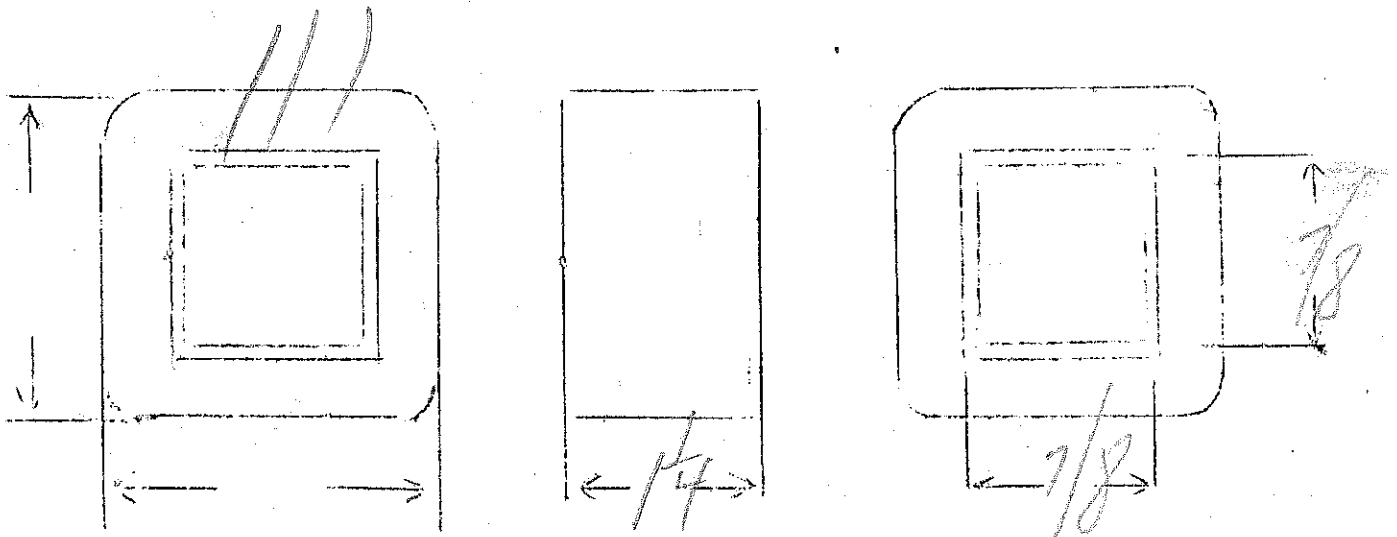
Winding	PRI						
Turns	12000						
Taps	—						
Wind. Lgth.	$1\frac{5}{8}$						
Wire Size	34						
T.P.L.	240						
Kind Term.	#20 P132						
Term. Lgth.	9'						
Layer Insul.	30#						
Wrapper	210056A						
TUBE	72007			IMPREGNATION		VARNISH	
CURE	—						



SPEC. NO.

2122 Coil only

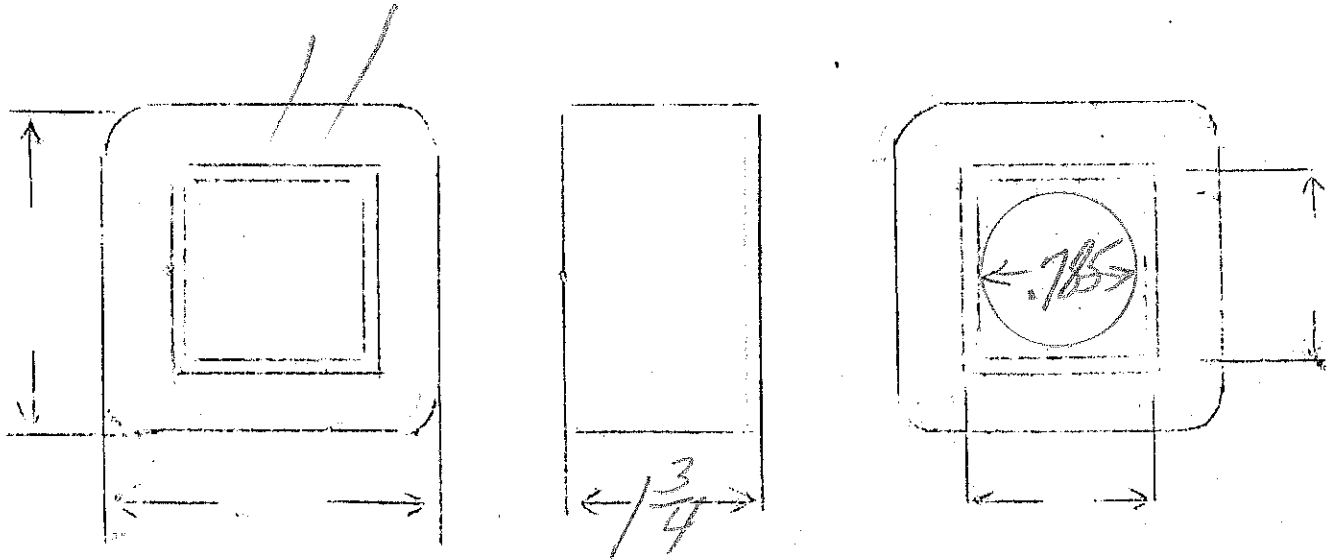
Winding	PRI						
Turns	35000						
Taps	17500						
Wind. Lgth.	1/16						
Wire Size	#40						
T.P.L.	300						
Kind Term.	Sil Abr						
Term. Lgth.	6"						
Layer Insul.	12 #						
Wrapper	2L0056A						
TUBE	7L007			IMPREGNATION		WAX	
CURE							



880

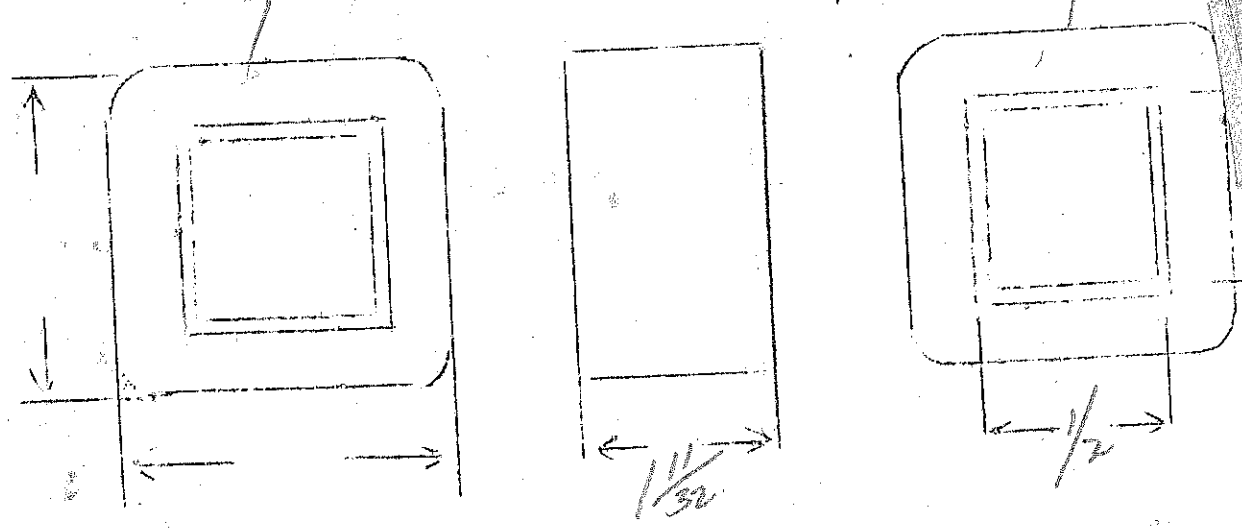
SPEC. NO. 2123

Winding							
Turns	11,000						
Taps							
Wind. Lgth.	1 5/8						
Wire Size	#33						
T.P.L.	190						
Kind Term.	#20 PCB						
Term. Lgth.	9"						
Layer Insul.	20#						
Wrapper	2L0056A						
TUBE	72007	IMPREGNATION			VARNISH		
CURE							



SPEC. NO. 2124 Coil

Winding						
Turns	5700					
Taps	—					
Wind. Lgth.	15/32					
Wire Size	#37					
T.P.L.	190-30					
Kind Term.	#30 Fin Br					
Term. Lgth.	6"					
Layer Insul.	20#					
Wrapper	2100554					
TUBE	4L007	IMPREGNATION			VARMISH (E)	
CURE	—					

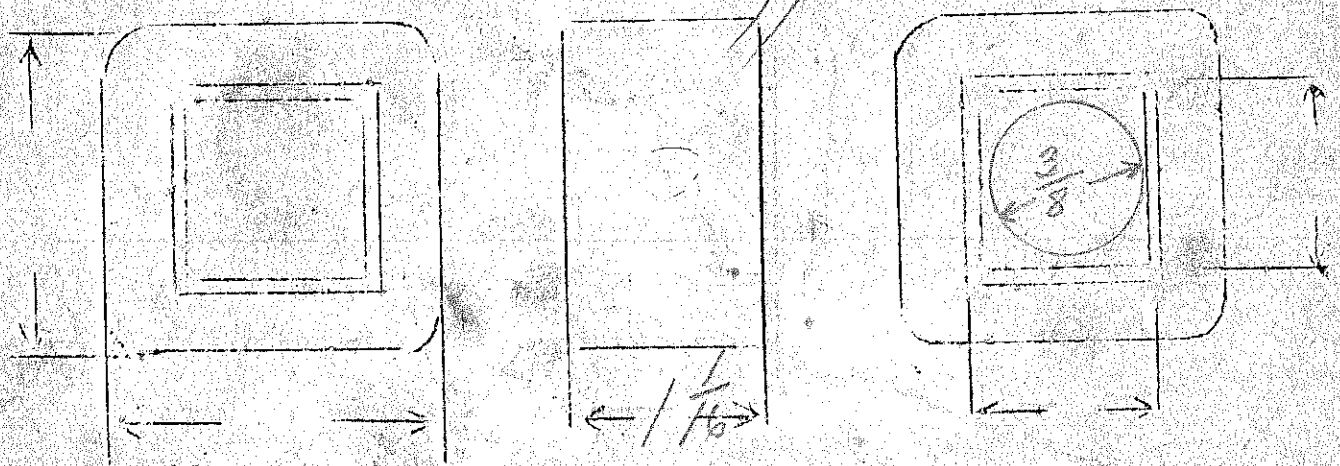


COIL

SPEC. NO.

2125 coils

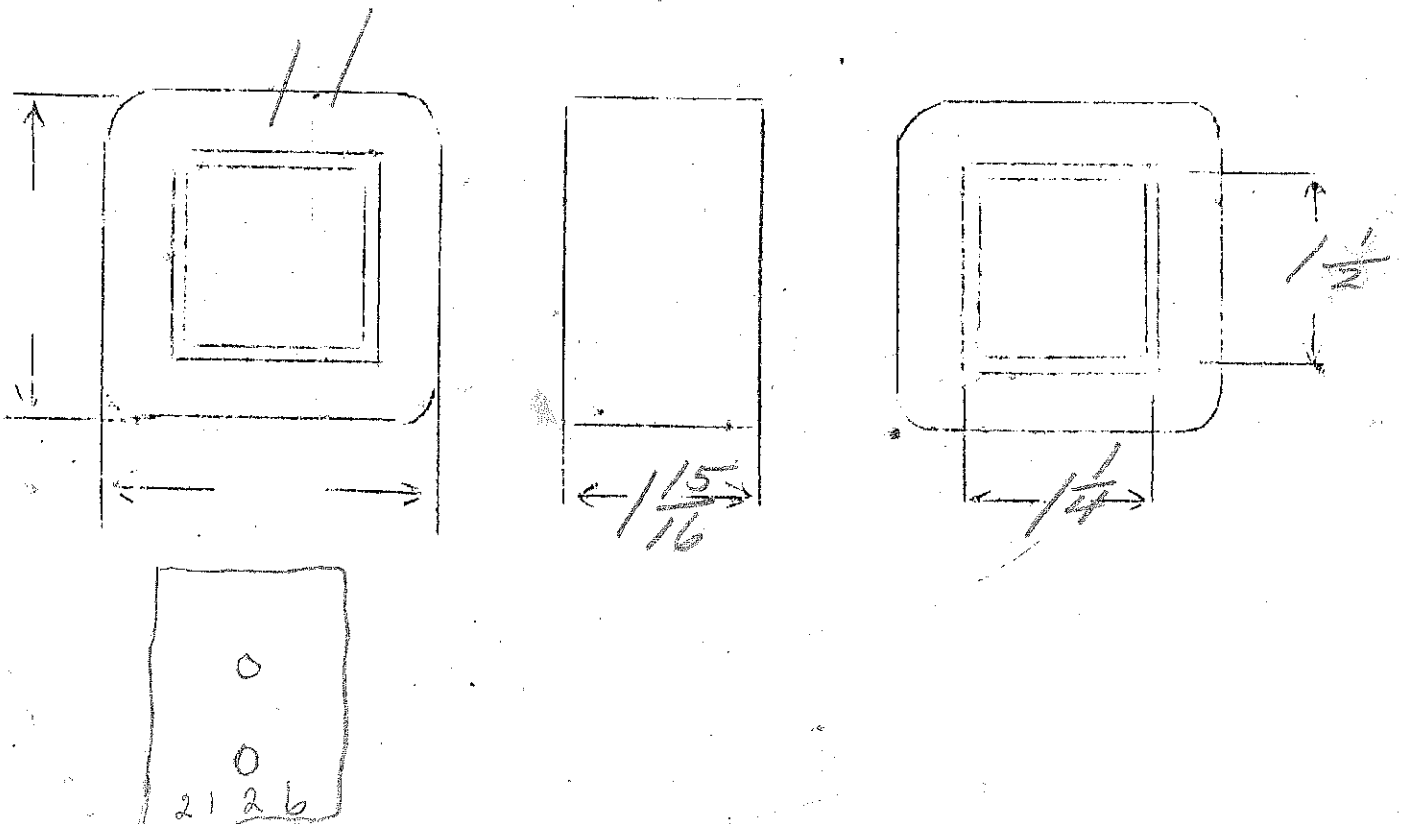
Winding	PB1						
Turns	500						
Taps	—						
Wind. Lgth.	7/8"						
Wire Size	#23						
T.P.L.	32-16						
Kind Term.	mic						
Term. Lgth.	6"						
Layer Insul.	40#						
Wrapper	216056A						
TUBE	42007	IMPREGNATION			Varnish		
CURE	—						



6 H- 400 ma 7500V Ins

SPEC. NO. 2126

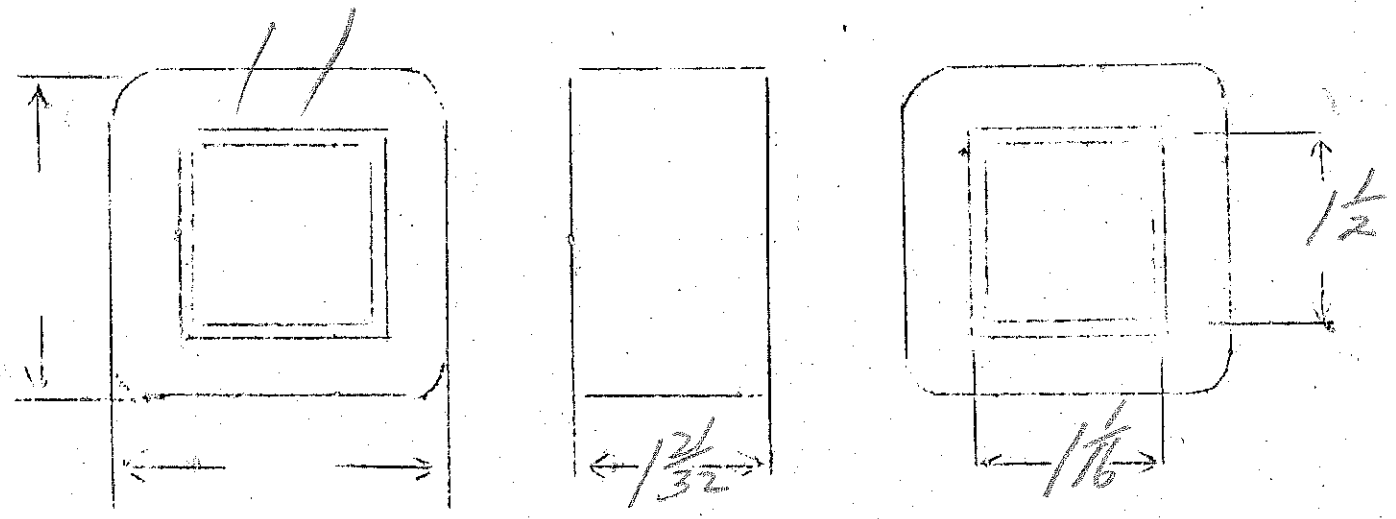
Winding	PR1						
Turns	2400						
Taps	—						
Wind. Lgth.	1 1/2						
Wire Size	#26						
T.P.L.	80-30						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"						
Layer Insul.	40#						
Wrapper	3007VE 24007EA						
TUBE	76107+24007VE		IMPREGNATION		VARNISH		
CURE	1 1/4 x 1 1/2		24 hr .025" temp				



HY EFF

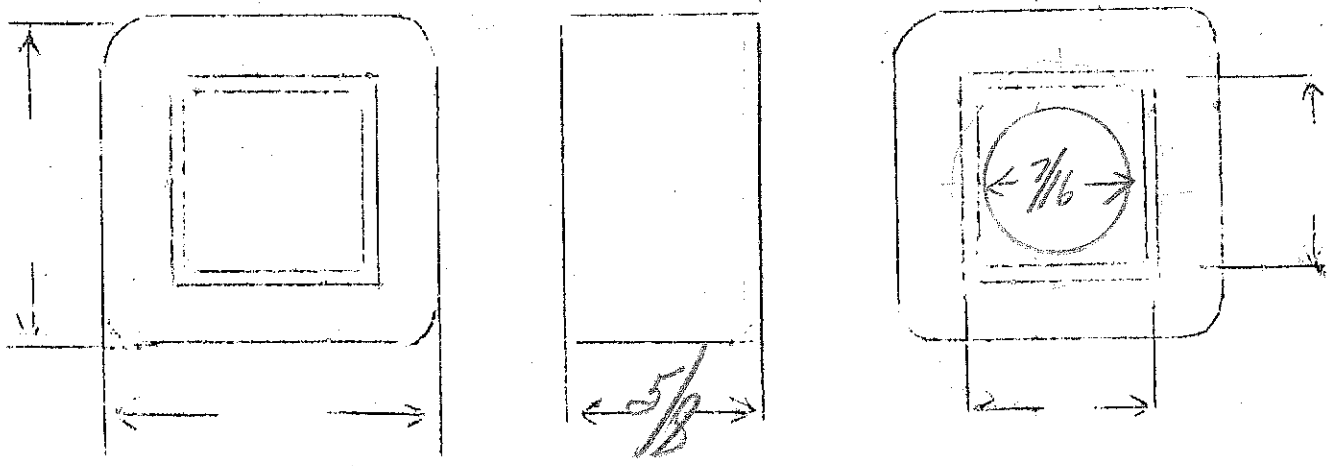
SPEC. NO. 2127 Choke

Winding	PRI					
Turns	200					
Taps	—					
Wind. Lgth.	$1\frac{15}{32}$					
Wire Size	#16					
T.P.L.	25-8					
Kind Term.	WIRE ONLY					
Term. Lgth.	3"					
Layer Insul.	005 GA					
Wrapper	2005 GA					
TUBE	7L007		IMPREGNATION		Varnish	
CURE	$1\frac{1}{16} \times 1\frac{1}{2}$.015" gap			



SPEC. NO. 2127 Coil only

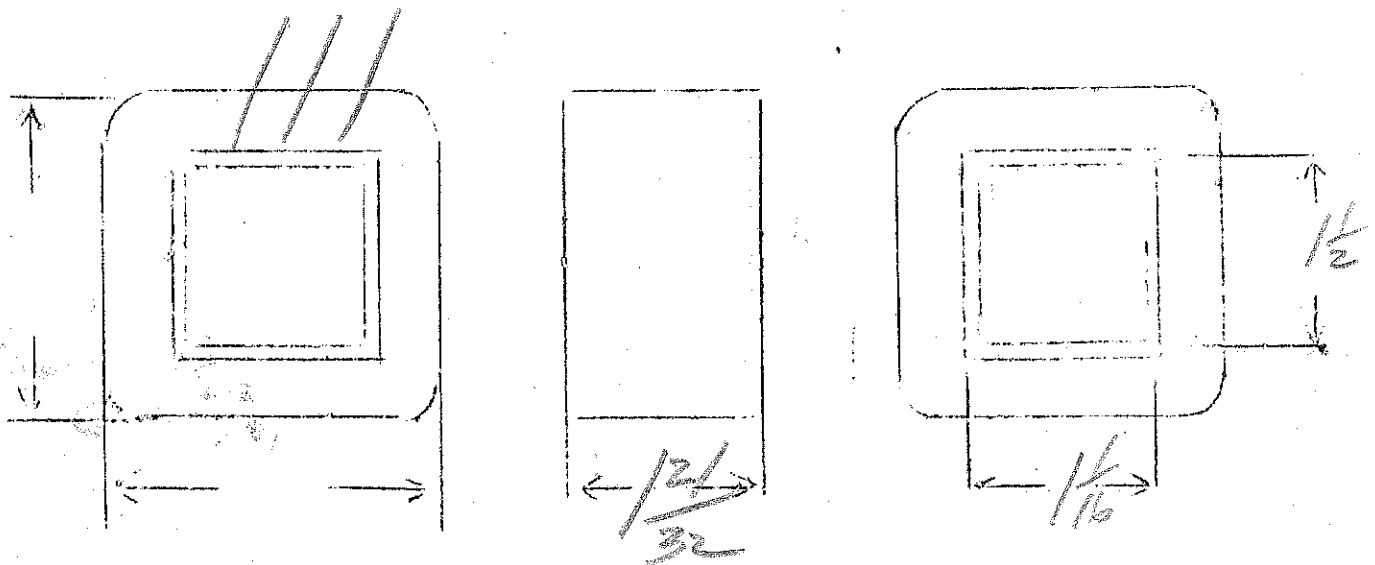
Winding	PB1						
Turns	900						
Taps	—						
Wind. Lgth.	1/2"						
Wire Size	#26						
T.P.L.	27-34						
Kind Term.	#22 PBmed						
Term. Lgth.	6 1/2"						
Layer Insul.	30 #						
Wrapper	210056A						
TUBE	42007			IMPREGNATION		Varnish	
CURE	—						



Hy EFF

SPEC. NO. 2128 Choke

Winding	PRI						
Turns	75						
Taps	22						
Wind. Lgth.	$1 \frac{15}{32}$						
Wire Size	#13						
T.P.L.	5L						
Kind Term.	WIPE ONLY - sleeving						
Term. Lgth.	10"						
Layer Insul.	005 GA						
Wrapper	2L005 GA						
TUBE	7L007			IMPREGNATION		varnish	
CURE	$1 \frac{1}{16} \times 1 \frac{1}{2}$			K1-26			



Auto Transformer

95-100-105-110-115-120-125V

1KW Regulator

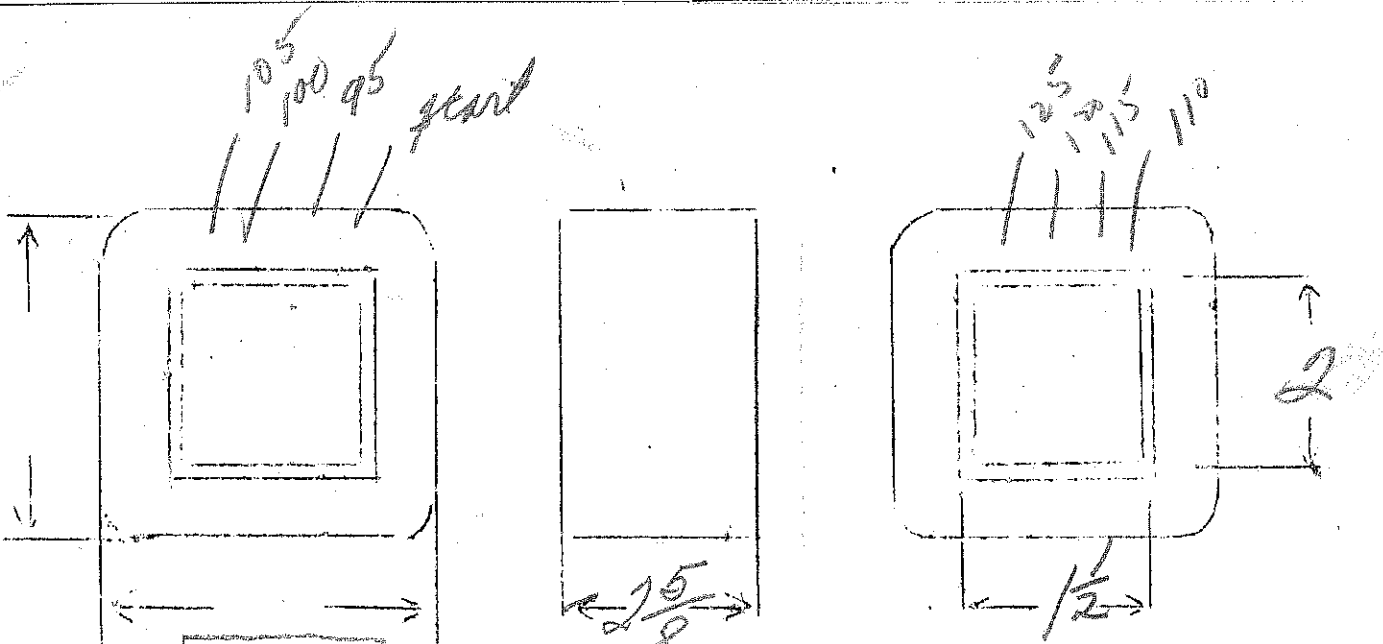
SPEC. NO.

2128

Continuous

2.0

Winding						
Turns	190	66				
Taps	-	55-44-33-22-11				
Wind. Lgth.						
Wire Size	#17	double #13				
T.P.L.	-	-				
Kind Term.	WIRE ONLY					
Term. Lgth.	3"	3"				
Layer Insul.	007 Kraft					
Wrapper	210050A					
TUBE	92009		IMPREGNATION	VARNISH		
CURE	1 1/2 x 2					



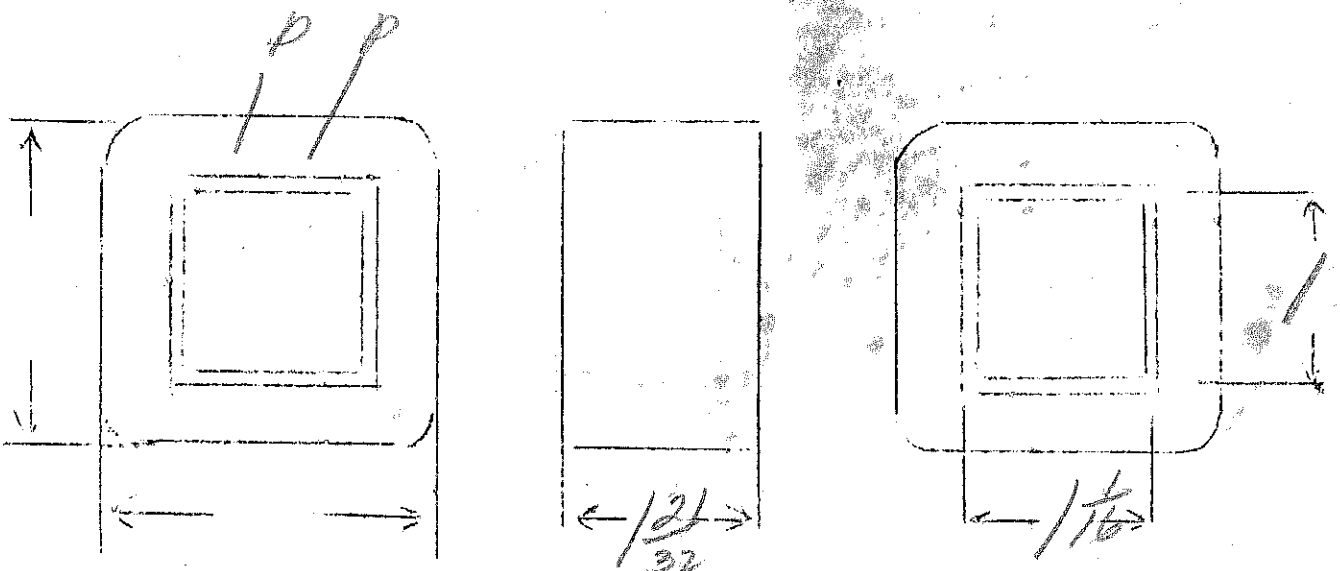
1050	0110
1000	0115
950	0120
0.0	21280125

Input choke - 6-6 H - 500 ma
5000V. Ins

SPEC. NO.

2129 (number in error)

Winding	P					
Turns	1450					
Taps	-					
Wind. Lgth.	1 3/8					
Wire Size	#25					
T.P.L.	66-22					
Kind Term.	WIRE ONLY					
Term. Lgth.	3"					
Layer Insul.	40#					
Wrapper	7L007VC 2L005FA					
TUBE	7L007+1L007VC		IMPREGNATION		VARNISH	
CURE	1/16 x 1	24 ga	8x8			

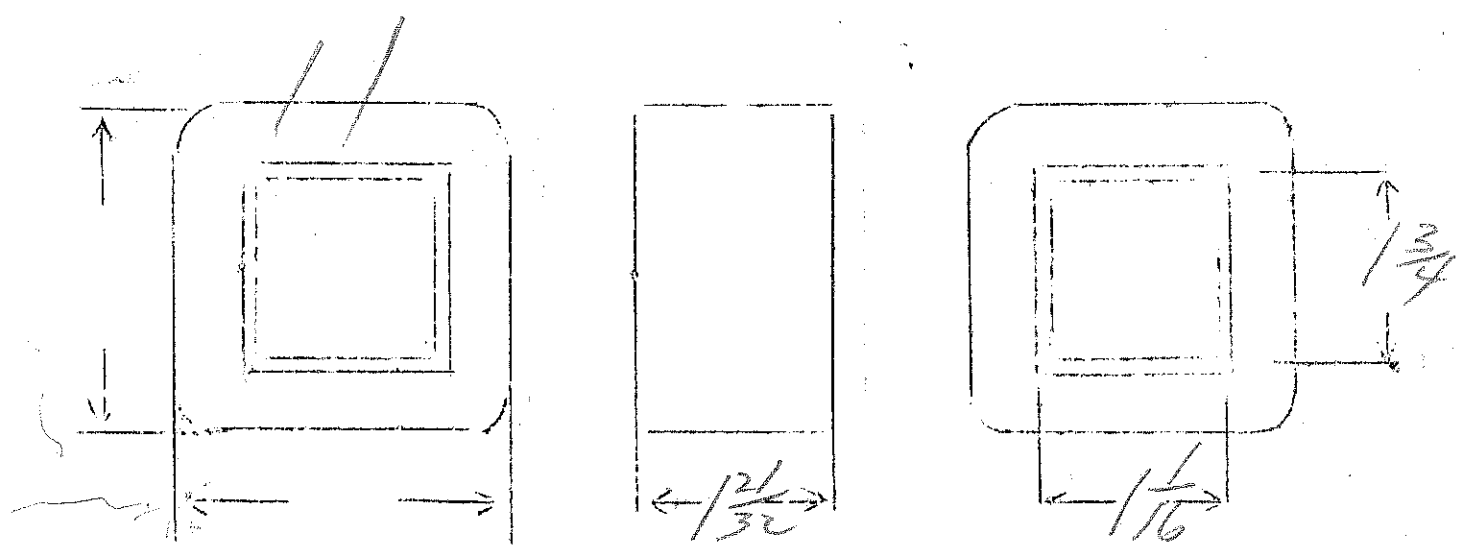


0
0
2129

Hy EFF

SPEC. NO. 2129 choke

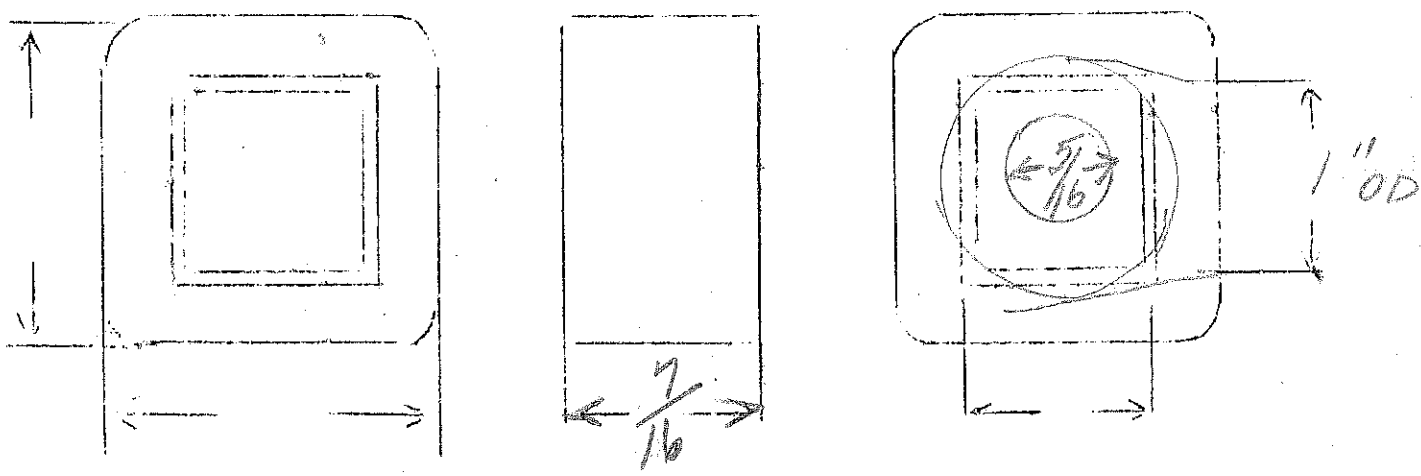
Winding	PR1						
Turns	200						
Taps	—						
Wind. Lgth.	1/5 32						
Wire Size	#16						
T.P.L.	25-8						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"						
Layer Insul.	0.05 GA						
Wrapper	2005 GA						
TUBE	7007		IMPREGNATION				varnish
CURE	1 1/16 x 1 3/4		.015 Dip				



Special magnet coil

SPEC. NO. 2130

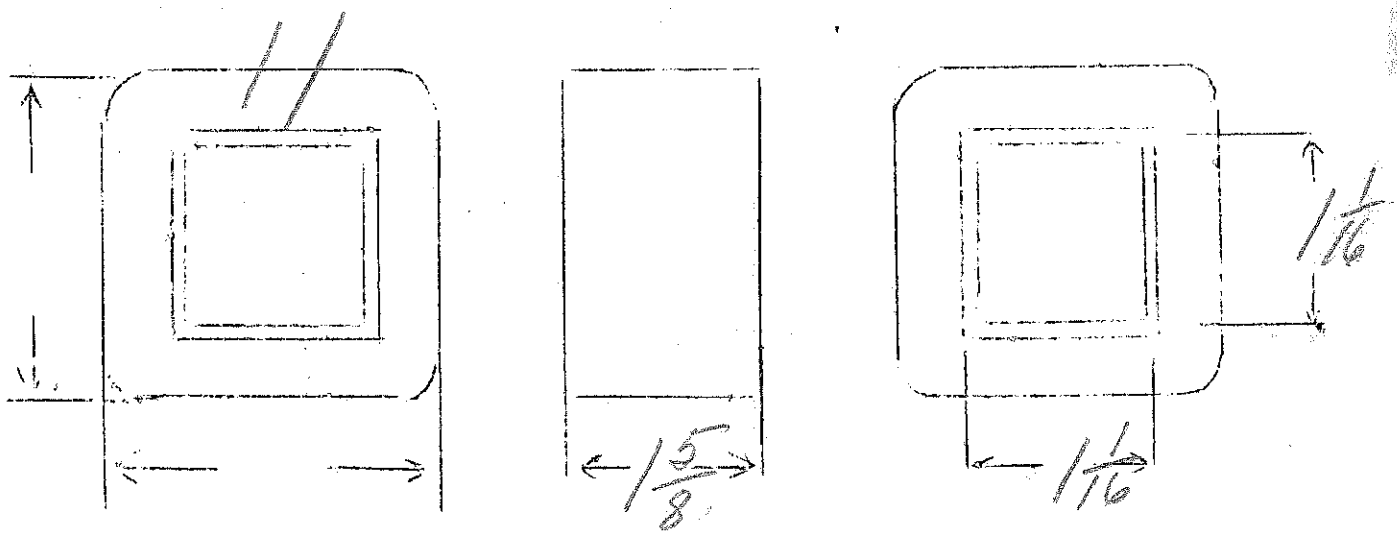
Winding							
Turns	2400						
Taps							
Wind. Lgth.	9/32						
Wire Size	#37						
T.P.L.	52-47						
Kind Term.	#20 Paper						
Term. Lgth.	6"						
Layer Insul.	20#						
Wrapper	2L005 SA						
TUBE	4L007-1/6003VP			IMPREGNATION	VARNISH		
CURE	_____						



15K-400 ma 7500V breakdown

SPEC. NO. 2130

Winding							
Turns	1600						
Taps	—						
Wind. Lgth.	1/4						
Wire Size	#26						
T.P.L.	67-24						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"						
Layer Insul.	double 30#						
Wrapper	2007VC 2100560						
TUBE	2007+2007VC	IMPREGNATION	VARNISH				
CURE	1 1/2 x 1 1/2 24hr @ 0.20"						



meter transformer

3000
1500
750
300
150
15

meter draws 60 ma @ 15v.

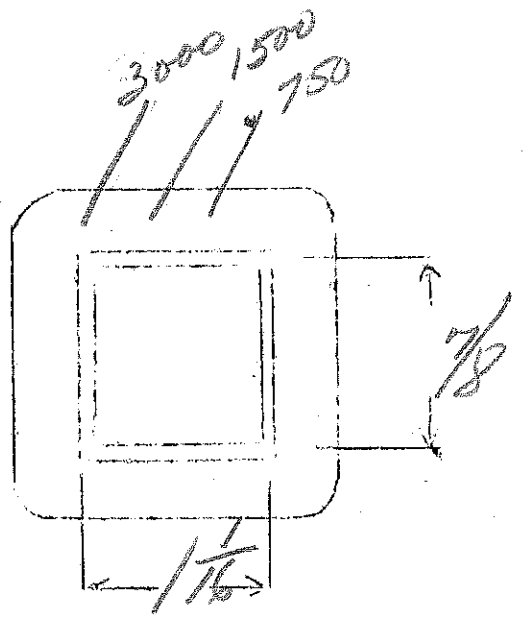
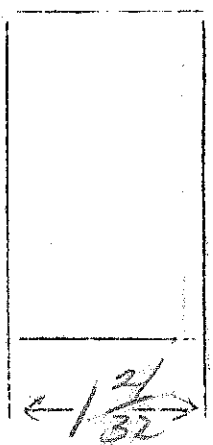
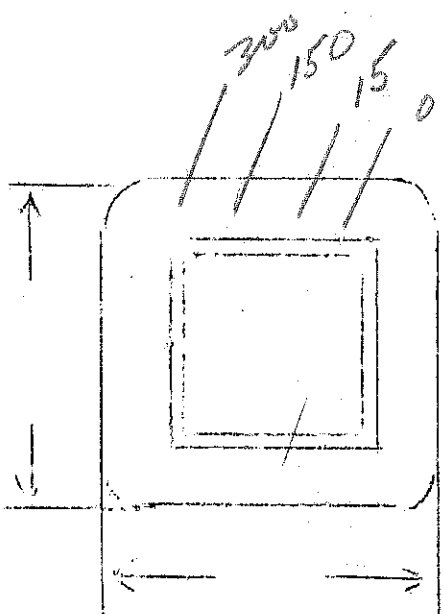
Continuous

7.5

SPEC. NO.

2131

Winding							
Turns	112	214	20200				
Taps		101	9,000 3,380				
Wind. Lgth.	1"	1"	1"				
Wire Size	#29	#37	#40				
T.P.L.	76	185	270				
Kind Term.	Silver bond						
Term. Lgth.	3"	3"	3"				
Layer Insul.	30 #	20 #	16 #				
Wrapper			21007VC 210056A				
TUBE	71007 + 21007VC			IMPREGNATION	VARNISH		
CURE	1 1/2 x 7/8						



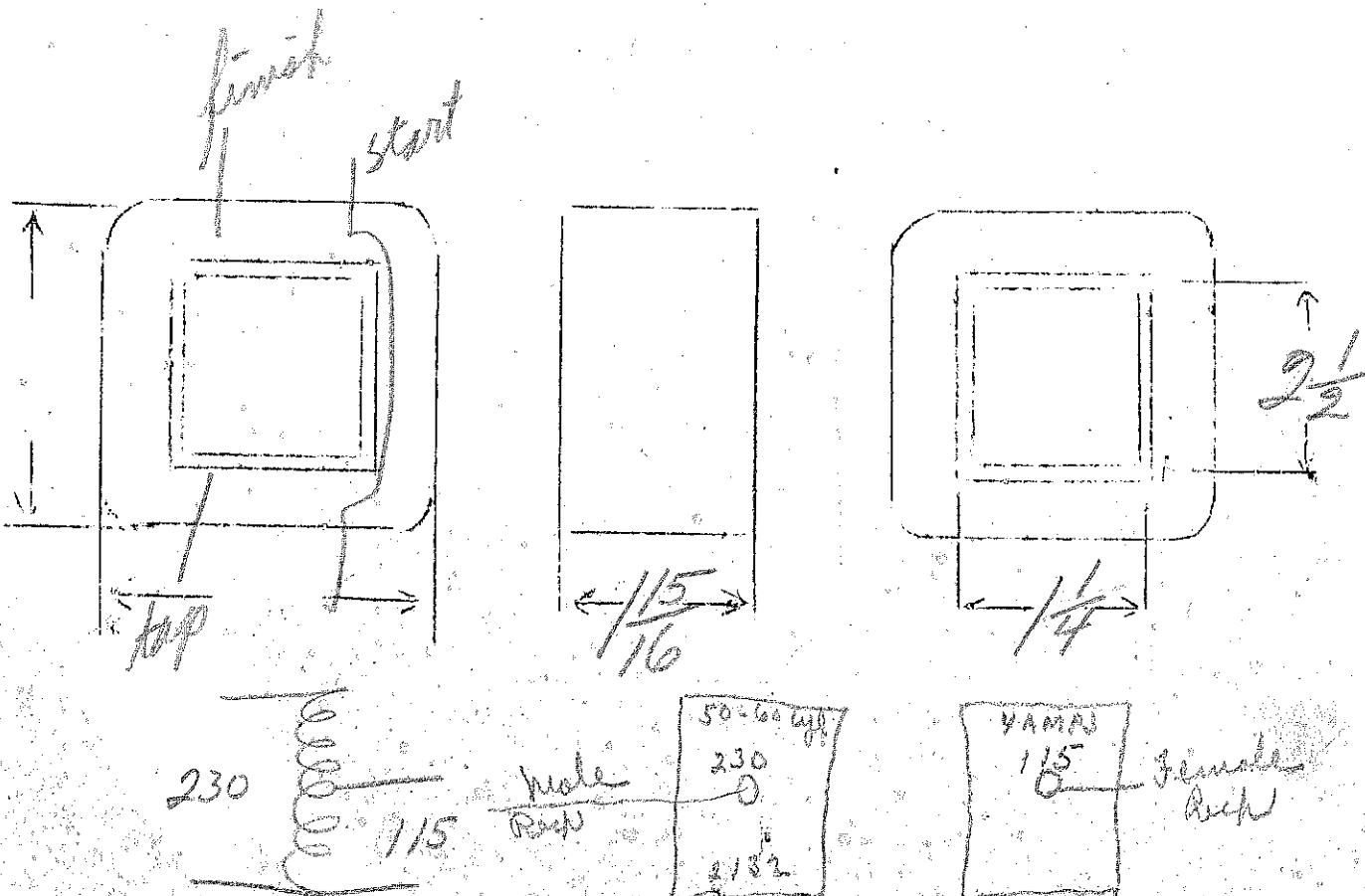
Stepdown 230 to 115V

Load on 115V side - 4amps

$M/F = 2.0$

SPEC. NO. 2132

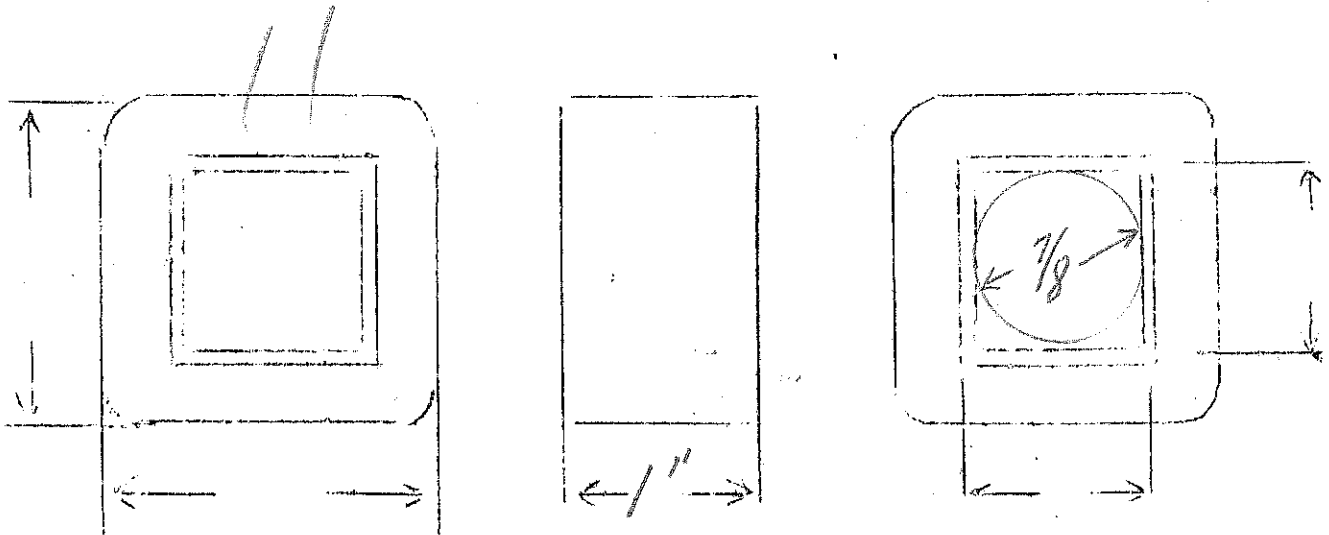
Winding							
Turns	460						
Taps	240						
Wind. Lgth.	1.75						
Wire Size	#19						
T.P.L.	4-12						
Kind Term.	WIRE ONLY						
Term. Lgth.	3"						
Layer Insul.	007 Kraft						
Wrapper	21007GA						
TUBE	71007			IMPREGNATION		VARNISH	
CURE	1/4 x 2 1/2						



6 Haproy

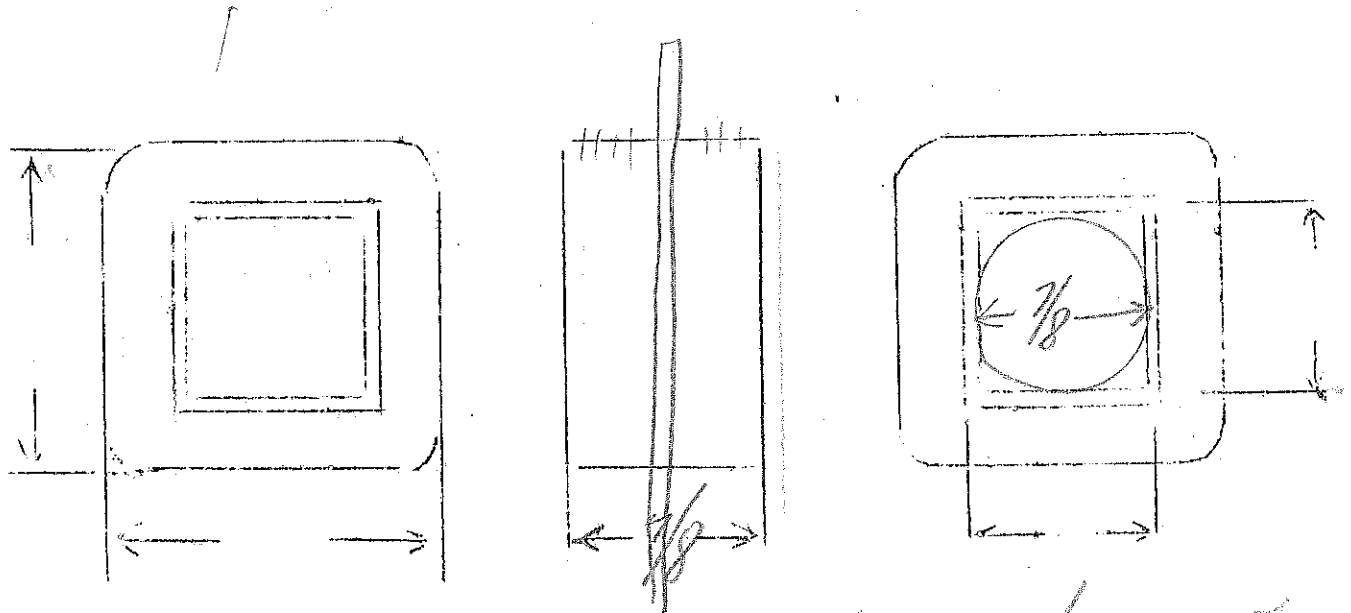
SPEC. NO. 2133 coil

Winding	PRI						
Turns	4800						
Taps							
Wind. Lgth.	7/8"						
Wire Size	#38						
T.P.L.	180						
Kind Term.	#20m						
Term. Lgth.	9"						
Layer Insul.	20#						
Wrapper	21005GA						
TUBE	7L007			IMPREGNATION		WAX	
CURE	—						



SPEC. NO. 2134

Winding							
Turns	150						
Taps	-						
Wind. Lgth.	3/4 - see note						
Wire Size	#28						
T.P.L.	random						
Kind Term.	#00 P/B						
Term. Lgth.	9"						
Layer Insul.	none						
Wrapper	210050A						
TUBE	7007			IMPREGNATION		WAX	
CURE							



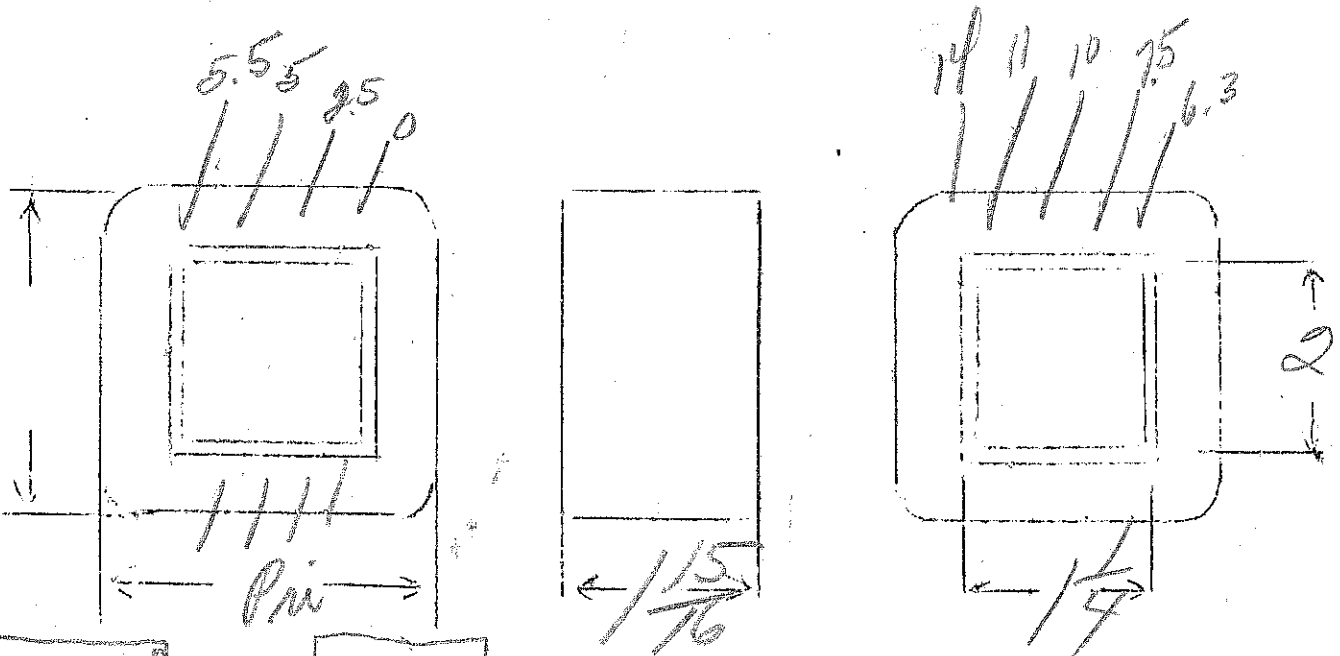
Coil is to be suspended by small pin thru center, so leave 7/8 spec in center free of winding.

Ep-105-110-115-120

E_s - 2.5, 5, 5.5, 6.3, 7.5, 10, 11, 14V - 15amps (6amps)

VA=165 M/E-232 SPEC. NO. 2135

Winding	PRI	SEC			
Turns	278	35			
Taps	2-6-6 255-243	6-12-13-15-18-25-29			
Wind. Lgth.	1.75				
Wire Size	#20	#11			
T.P.L.	—	—			
Kind Term.	WIRE	ONLY			
Term. Lgth.	3"	3"			
Layer Insul.	.007	.007			
Wrapper	210076A				
TUBE	71007	IMPREGNATION	VARNISH		
CURE	1/4 X 2				

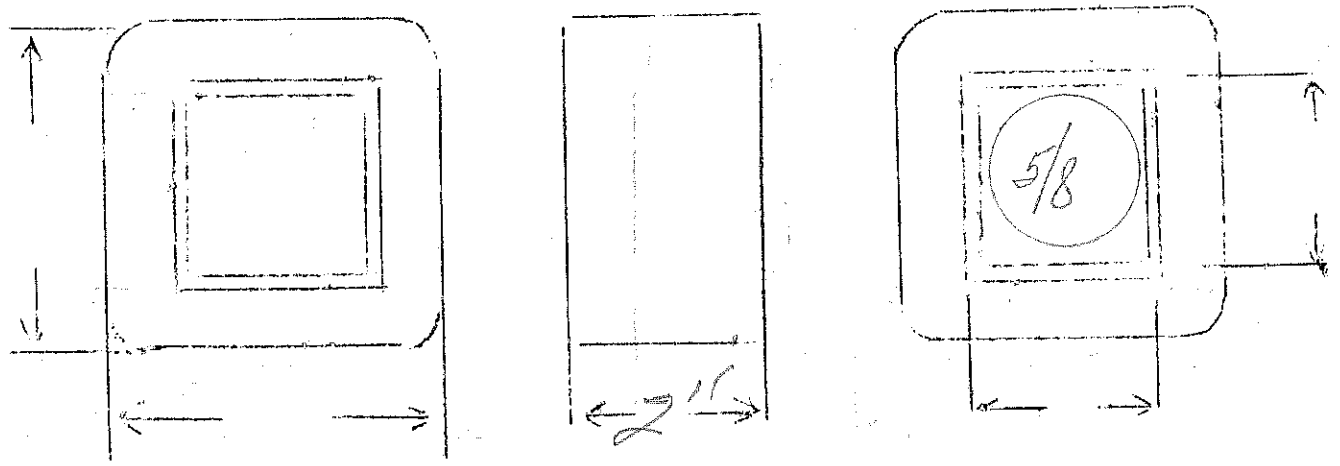


0105 0120
00 0115
2135 0110

5.5 0 0
2.5 5 7.5
0 0 0
0 14 18

SPEC. NO. 2136 coil

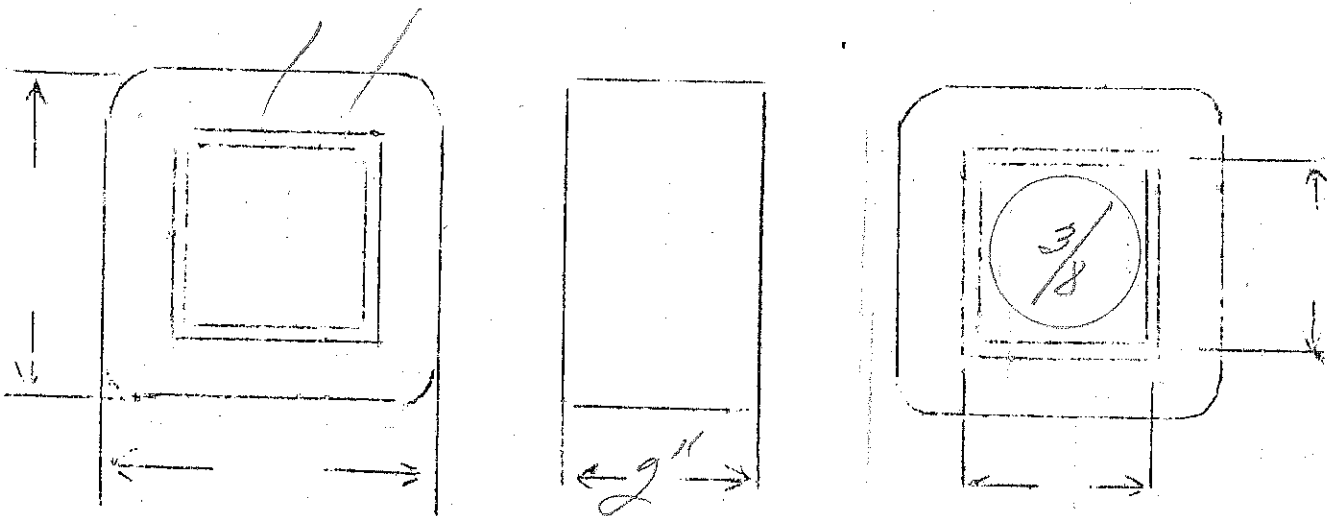
Winding							
Turns	270	315					
Taps							
Wind. Lgth.	1.75						
Wire Size	#17						
T.P.L.	34-8						
Kind Term.	WIRE ONLY - slurry						
Term. Lgth.	6"						
Layer Insul.	.005						
Wrapper	21005GA						
TUBE	7L007				IMPREGNATION	VARNISH	
CURE							



SPEC. NO.

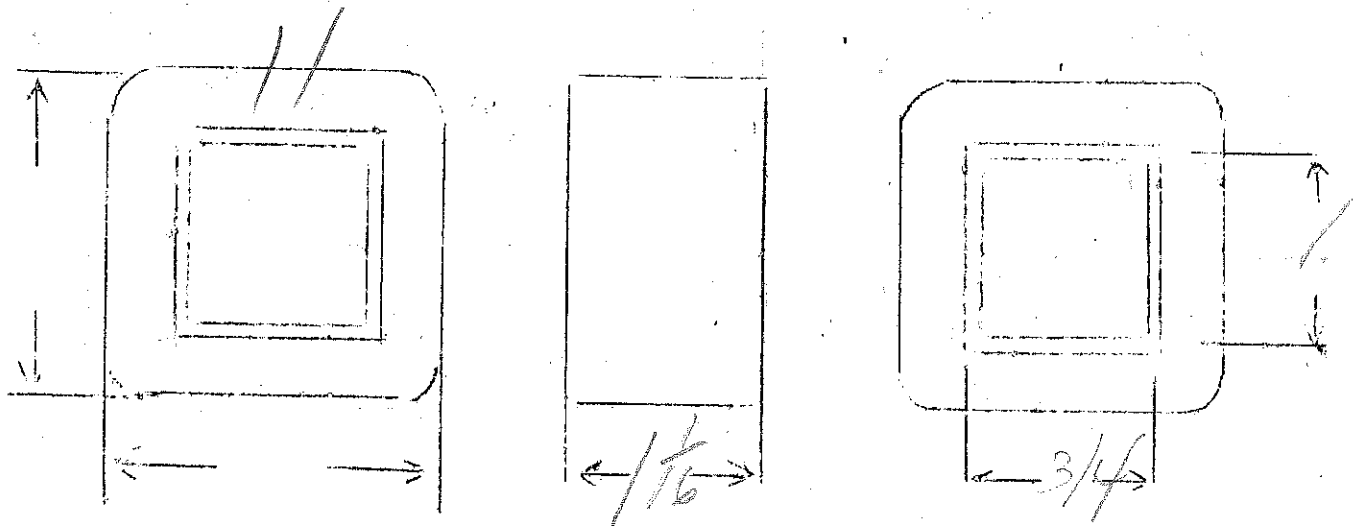
2137 coil

Winding							
Turns	395	400					
Taps	-						
Wind. Lgth.	1.75						
Wire Size	#20						
T.P.L.	47-8						
Kind Term.	WIRE ONLY	planning					
Term. Lgth.	6"						
Layer Insul.	0.05						
Wrapper	21005 GA						
TUNE	7407			IMPREGNATION		VARNISH	
CURE							



SPEC. NO. 2138

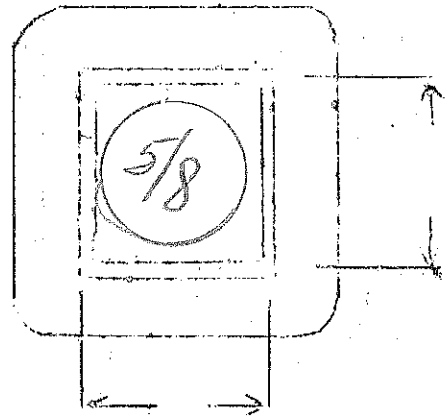
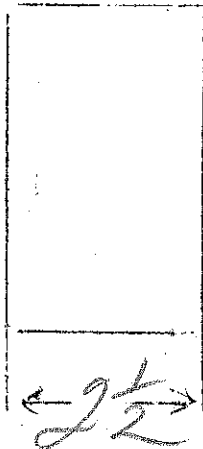
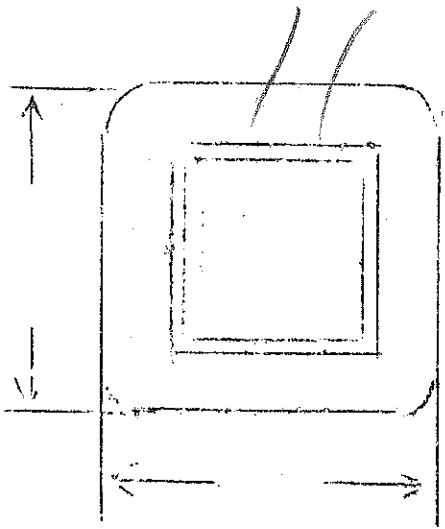
Winding	PR1							
Turns	1550							
Taps	—							
Wind. Lgth.	$\frac{7}{8}$							
Wire Size	30							
T.P.L.	23-22							
Kind Term.	#20 PBR							
Term. Lgth.	9" $\frac{1}{2}$							
Layer Insul.	30#							
Wrapper	210056A							
TUBE	72007		IMPREGNATION				1/2 nominal	
CURE	3/4X1		Butt stack E only					



SPEC. NO.

2139 Coil only

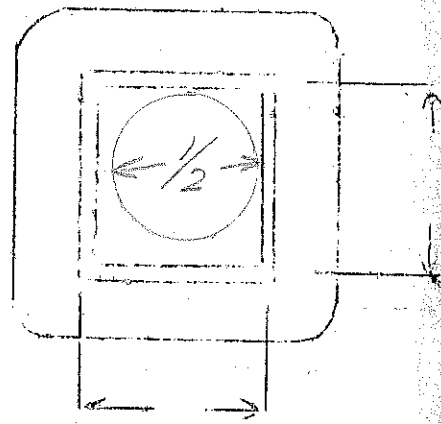
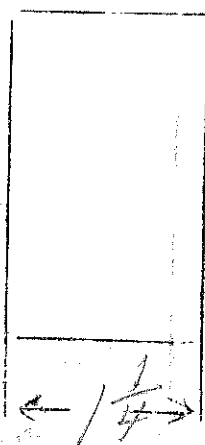
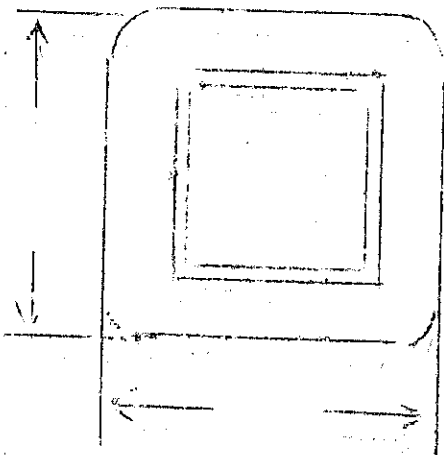
Winding	—						
Turns	390						
Taps	—						
Wind. Lgth.	2 1/4"						
Wire Size	#16						
T.P.L.	39-10						
Kind Term.	WIPE ONLY						
Term. Lgth.	9"						
Layer Insul.	0076A						
Wrapper	200056A						
TUBE	121007				IMPREGNATION		Varnist
CURE	—						



SPEC. NO.

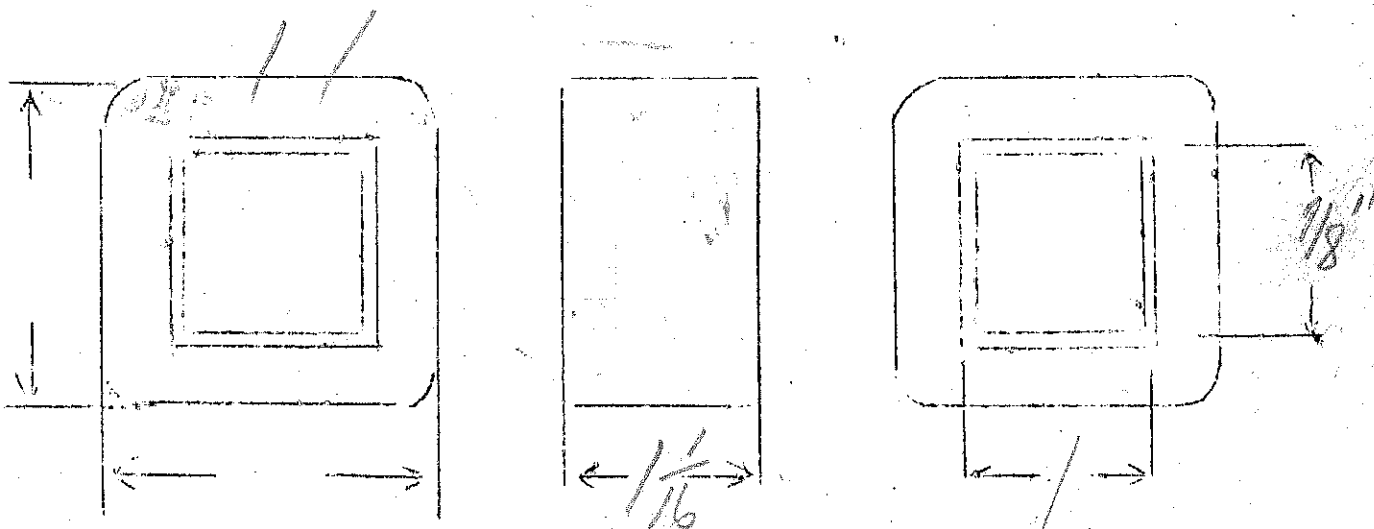
2140 Coil

Winding							
Turns	38						
Taps	—						
Wind. Lgth.	7/8"						
Wire Size	#14						
T.P.L.	—						
Kind Term.	WIPE ONLY - stripped and tinned						
Term. Lgth.	1-3 1/2" 1-2 1/2"						
Layer Insul.							
Wrapper	214058A 1/6 wide						
TUBE	72007			IMPREGNATION		VARNISH	
CURE	—						



SPEC. NO. 2142 Coil

Winding	PRI		PRI.			
Turns	1530		1530			
Taps	—		—			
Wind. Lgth.	7/8		7/8			
Wire Size	28		29			
T.P.L.	59-26		64-24L			
Kind Term.	#22 Antytm.		#22 Pr. Br.			
Term. Lgth.	9"		6"			
Layer Insul.	30#		20#			
Wrapper	2L056A		1L0056A.			
TUBE	6L007	5L007	IMPREGNATION	VARNISH		
CURE	1 x 7/8	1 x 7/8				

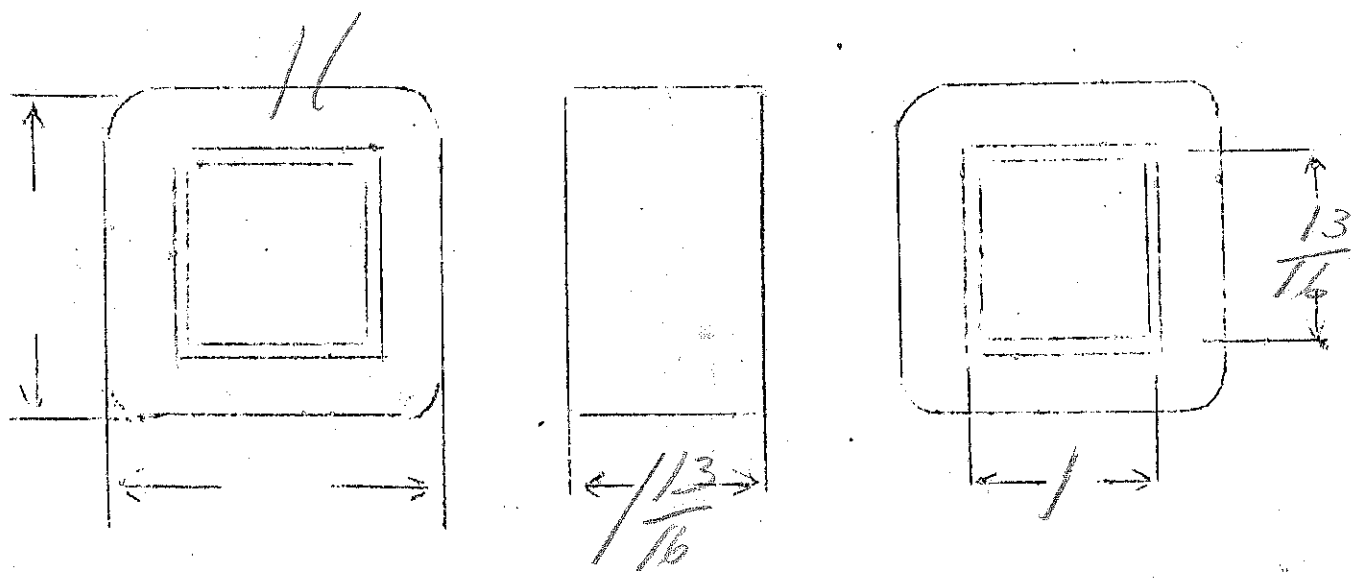


③

coil for multiple machine

SPEC. NO. 2143

Winding	PRI						
Turns	1400						
Taps	—						
Wind. Lgth.	1/2						
Wire Size	#24						
T.P.L.	64-22						
Kind Term.	#20 PCB						
Term. Lgth.	3"						
Layer Insul.	40#						
Wrapper	210056A						
TUBE	7L007	IMPREGNATION	VARNISH				
CURE	1 x 13/16 — old style 1"						



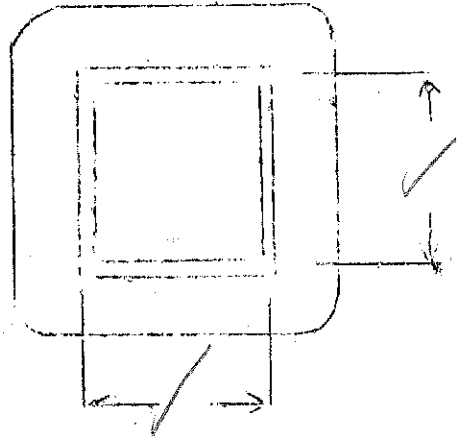
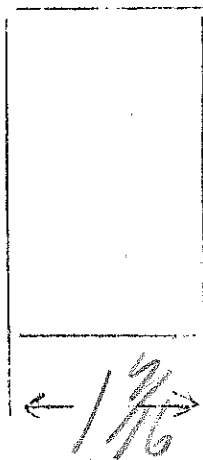
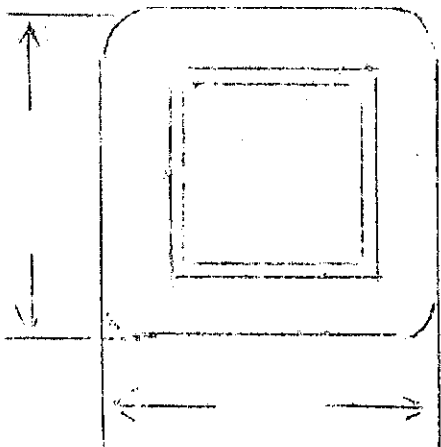
50H- 50Ma choke
5000V dms

$R = 1200 \Omega$

SPEC. NO.

2144

Winding	PRI						
Turns	8000						
Taps	—						
Wind. Lgth.	1 3/16						
Wire Size	# 35						
T.P.L.	175-46						
Kind Term.	Sil br						
Term. Lgth.	3"						
Layer Insul.	20#						
Wrapper	1200 9V 2107588						
TUBE	7007			IMPREGNATION		Varnish	
CURE	1X1			Exp. 010"			

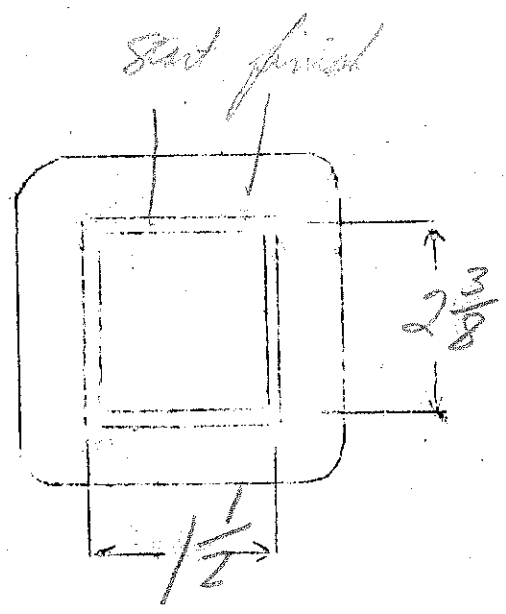
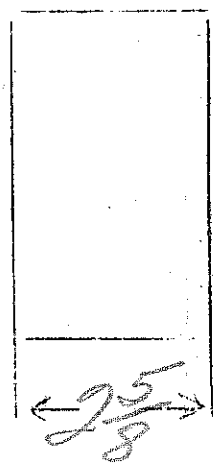
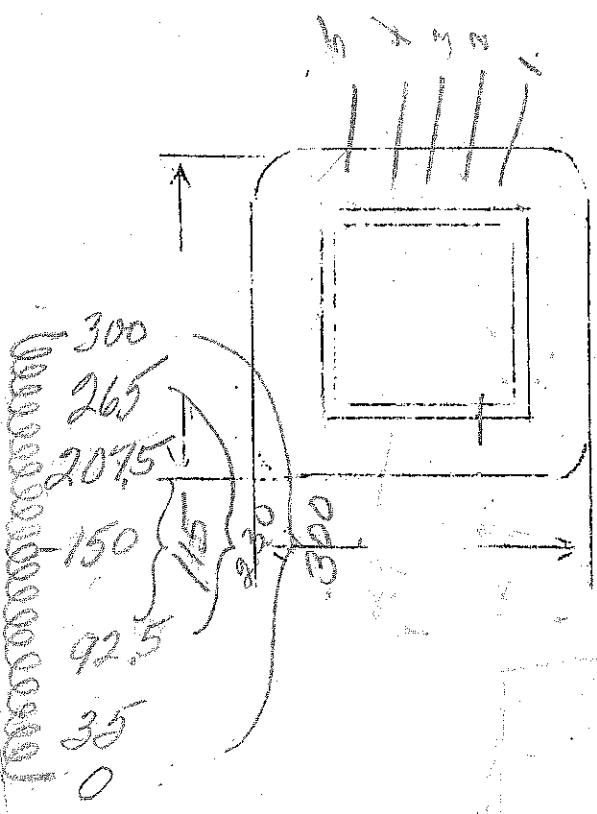


1552 B. 11
 575, 115, 150V ea. sub
 500VA on 115V Tap

Continuous 180

SPEC. NO. 2146

Winding							
Turns	162	216	162				
Taps	54	108	108				
Wind. Lgth.							
Wire Size	#18	#15	#18				
T.P.L.							
Kind Term.	WIRE ONLY - sleeving						
Term. Lgth.	12"	12"	12"				
Layer Insul.	1007 Kraft						
Wrapper	3L0256A						
TUBE	10L007		IMPREGNATION	VARNISH			
CURE	1 1/2 x 2 3/8		"G" MTG.				



(over code)

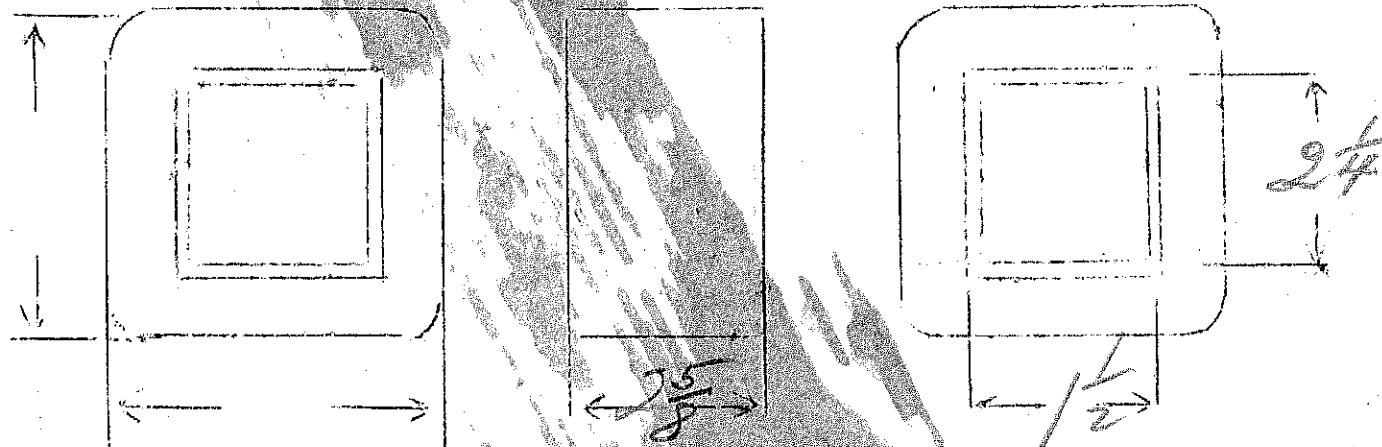
12 H

12 H - 5 amp

1.23 Ω

SPEC. NO. 2147

Winding							
Turns	425						
Taps							
Wind. Lgth.	23/8						
Wire Size	#15						
T.P.L.							
Kind Term.	WIRE ONLY - Slewing						
Term. Lgth.	12"						
Layer Insul.	.007 Kraft						
Wrapper	36056A						
TUBE	96007		IMPREGNATION			VARNISH	
CURE	1 1/2 x 2 1/4		020 Gap			"G" MTG.	

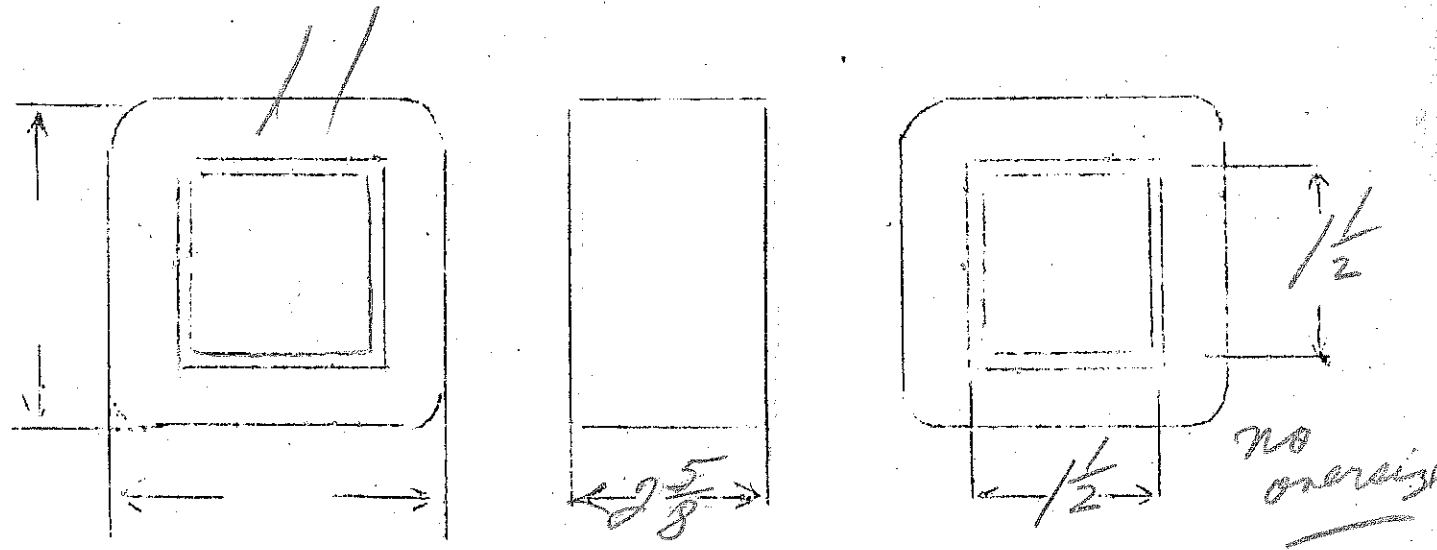


Retaller

SPEC. NO. 2149

Winding	PRI						
Turns	500						
Taps	—						
Wind. Lgth.	2 1/8						
Wire Size	#20						
T.P.L.							
Kind Term.	WIRE ONLY						
Term. Lgth.	9 1/2						
Layer Insul.	005 GA						
Wrapper	21005 GA						
TUBE	71007			IMPREGNATION		VARNISH	
CURE	—						

observe margins

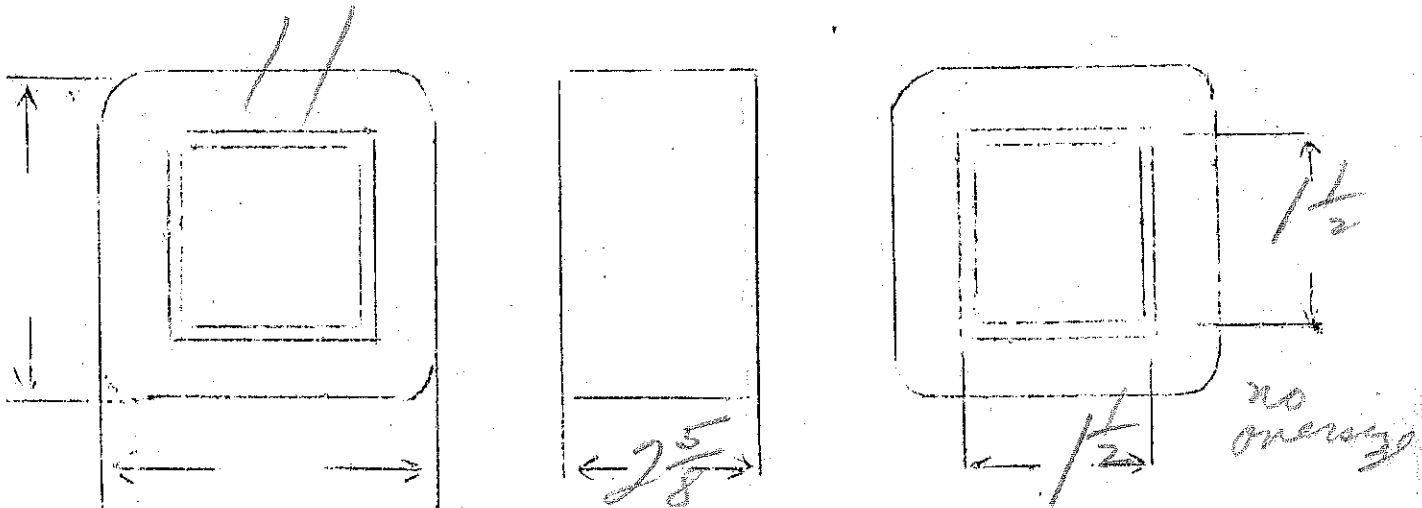


Ret. after

SPEC. NO. 2150

Winding	PR1						
Turns	500						
Taps	330						
Wind. Lgth.	$2\frac{1}{8}$						
Wire Size	#20						
T.P.L.							
Kind Term.	WIPE ONLY						
Term. Lgth.	911						
Layer Insul.	0056A						
Wrapper	210056A						
TUBE	71007				IMPREGNATION		VARNISH
CURE							

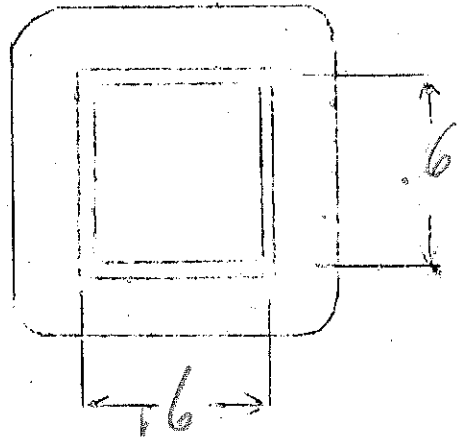
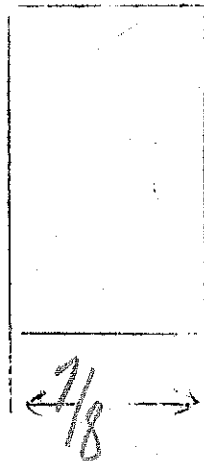
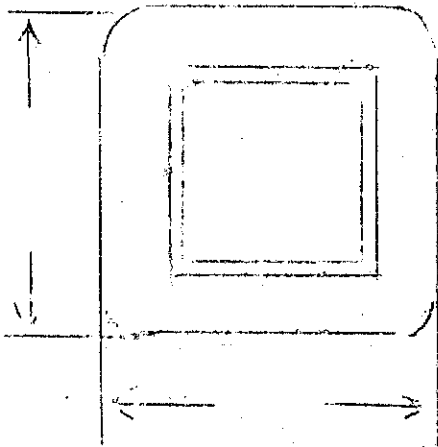
observe margins



4 1/2 - 60 ma choke - 250 ohms

SPEC. NO. 2151

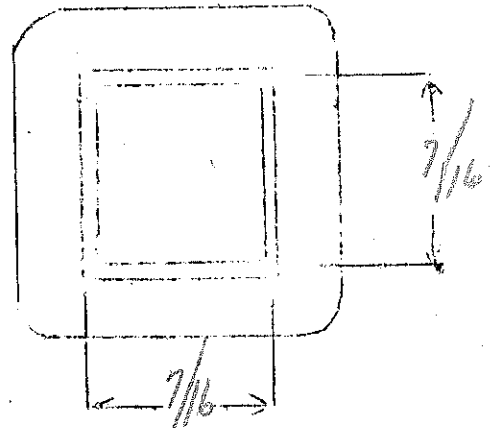
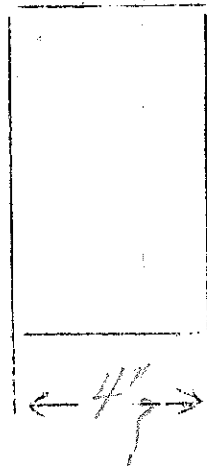
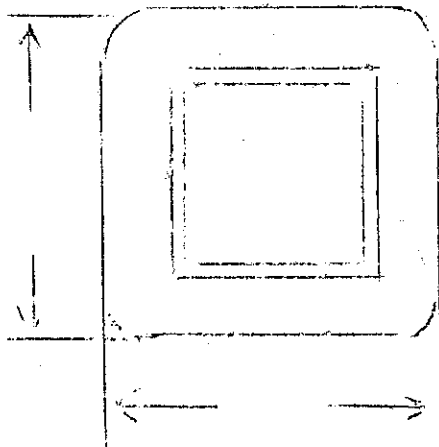
Winding	P						
Turns	2650						
Taps	—						
Wind. Lgth.	3/4						
Wire Size	#35						
T.P.L.	10024						
Kind Term.	Sil Braid						
Term. Lgth.	6"						
Layer Insul.	20#						
Wrapper	20058A						
TUBE	42007	IMPREGNATION			VARNISH		
CURE	.6 x .6 - .003/24"						



? multi-Ray

SPEC. NO. 2154

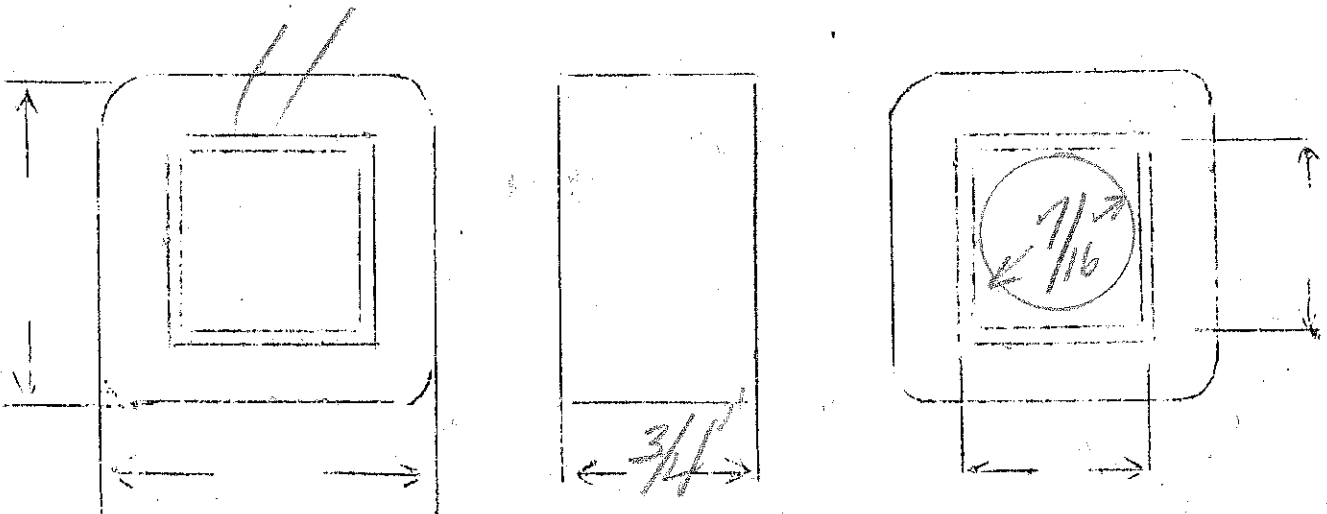
Winding							
Turns	400						
Taps	200						
Wind. Lgth.							
Wire Size	#21						
T.P.L.							
Kind Term.							
Term. Lgth.							
Layer Insul.							
Wrapper							
TUBE					IMPREGNATION		
CURE	dry						



Alhambra Chemi

SPEC. NO. 2155

Winding	P ₁						
Turns	900						
Taps	-						
Wind. Lgth.	5/8						
Wire Size	26						
T.P.L.	33-28						
Kind Term.	#22 Pwr						
Term. Lgth.	6"						
Layer Insul.	30#						
Wrapper	20055A						
TUBE	4007			IMPREGNATION		VARNISH	
CURE	—						



Special Choke

Spec no 2158

Turns - 278

Wind. Length $3\frac{5}{8}$

wire size - #12

TPL - 40 - Layers

Term. - WIRE ONLY - Slewing

Length - 10"

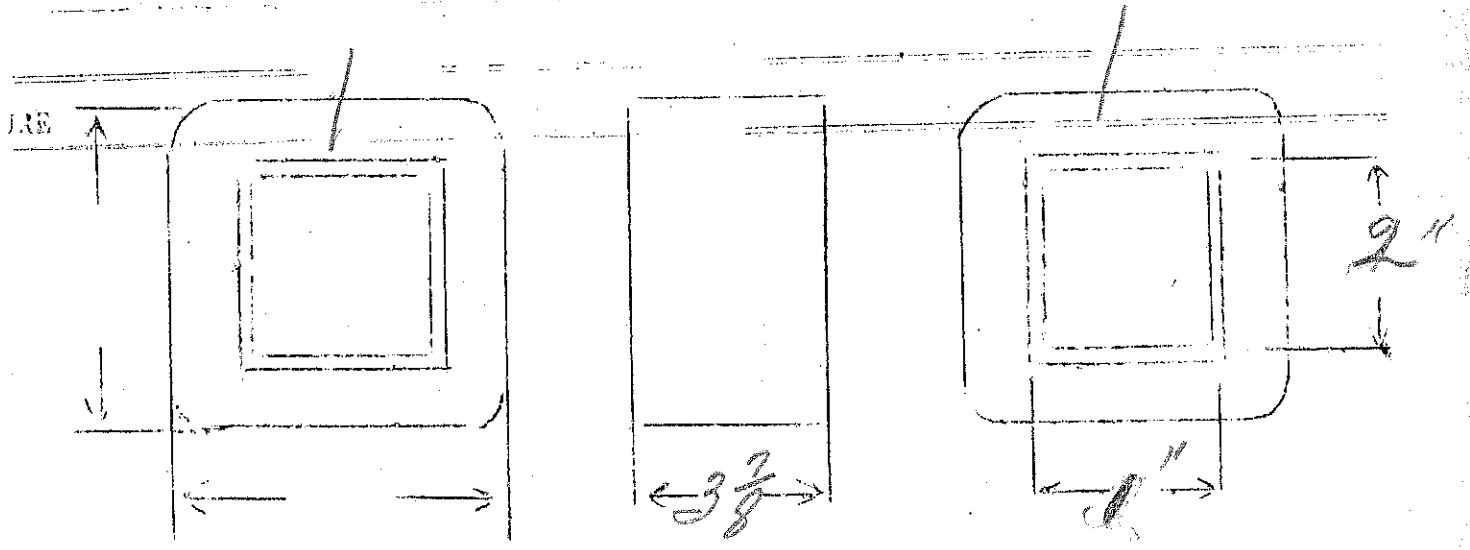
Layer Ins. - .007 Kraft

Wrapper - 2105EA

Core - 2" stack - 1" x 2" Lamination, Electrical Grade

278
- 54

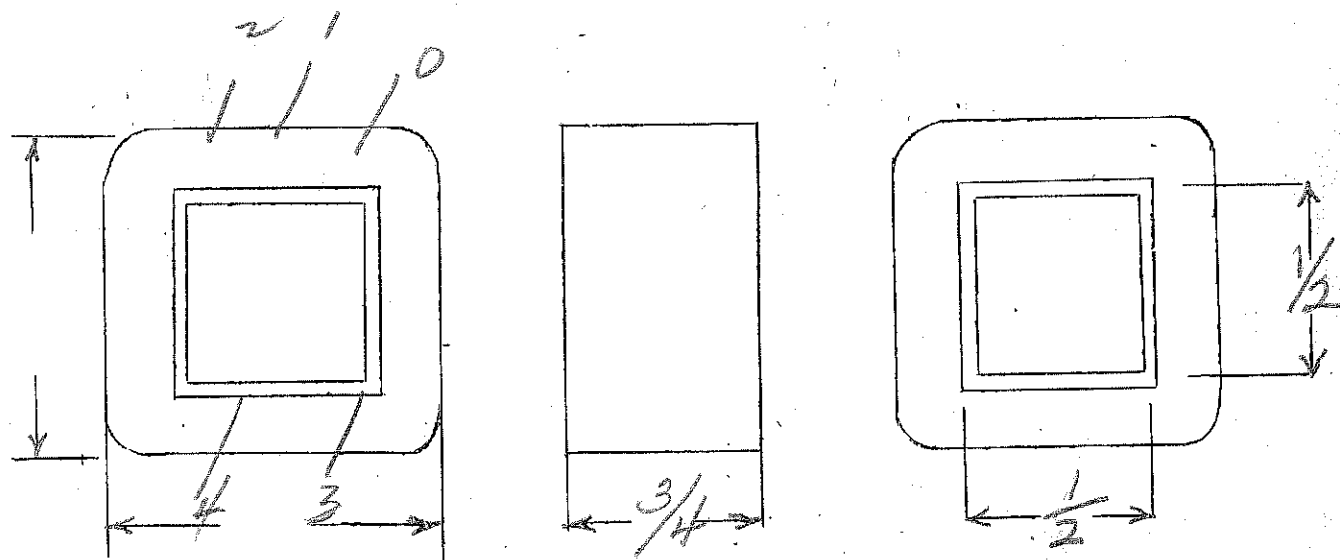
224



2 Henry choke - tapped

SPEC. NO. 2159

Winding							
Turns	1950	✓					
Taps	1810	1650 - 1480					
Wind. Lgth.	5/8						
Wire Size	34						
T.P.L.	82-24						
Kind Term.	Sil Cr						
Term. Lgth.	3"						
Layer Insul.	20#						
Test Volt.	1500						
Wrapper	240058A						
TUBE	42007			IMPREGNATION		WAX	
CORE	1/2 x 1/2 - 2 x 2				PRIMARY V.A.		
MOUNTING	D						



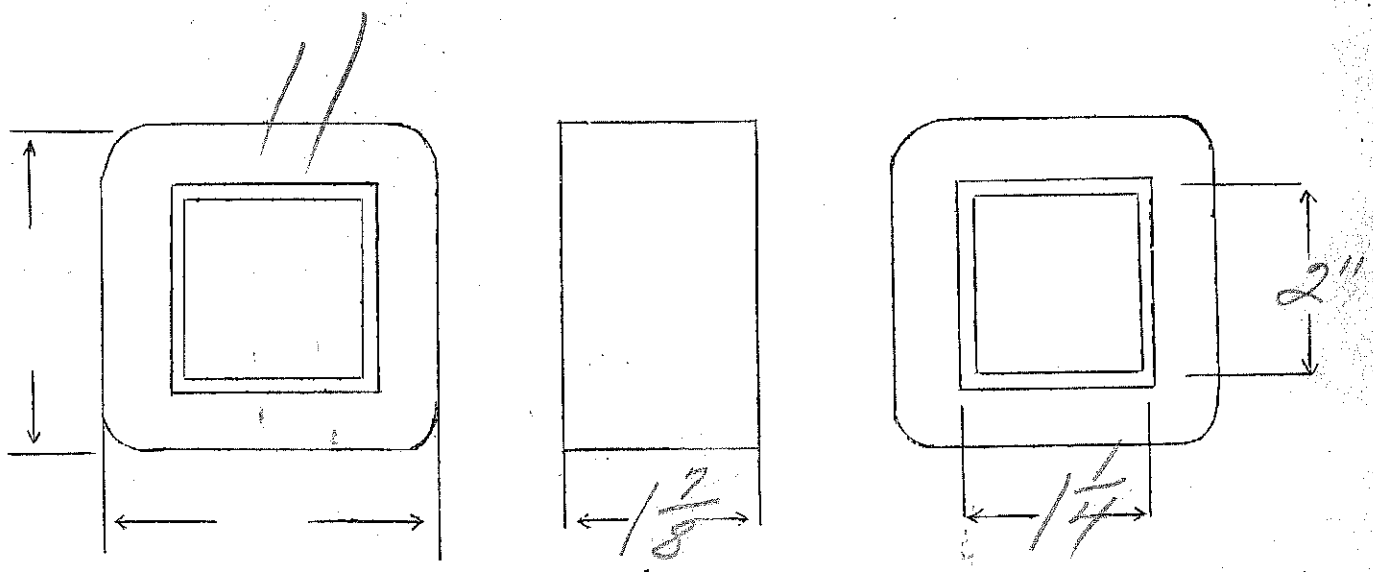
DESIGNED BY *EWV*

DATE *10-13-36*

Input Choke - 5H - 300 MA

SPEC. NO. 2160

Winding	—						
Turns	1950						
Taps	—						
Wind. Lgth.	1.25						
Wire Size	#26						
T.P.L.	66-28						
Kind Term.	WIPE ONLY						
Term. Lgth.	8"						
Layer Insul.	50#						
Test Volt.	10000						
Wrapper	3L007VC 3L007GA						
TUBE	2L007 + 2L007VC	IMPREGNATION	VARNISH				
CORE	1 7/8 x 2" Electrical Grade	PRIMARY V.A.	—				
MOUNTING	J	Gap					



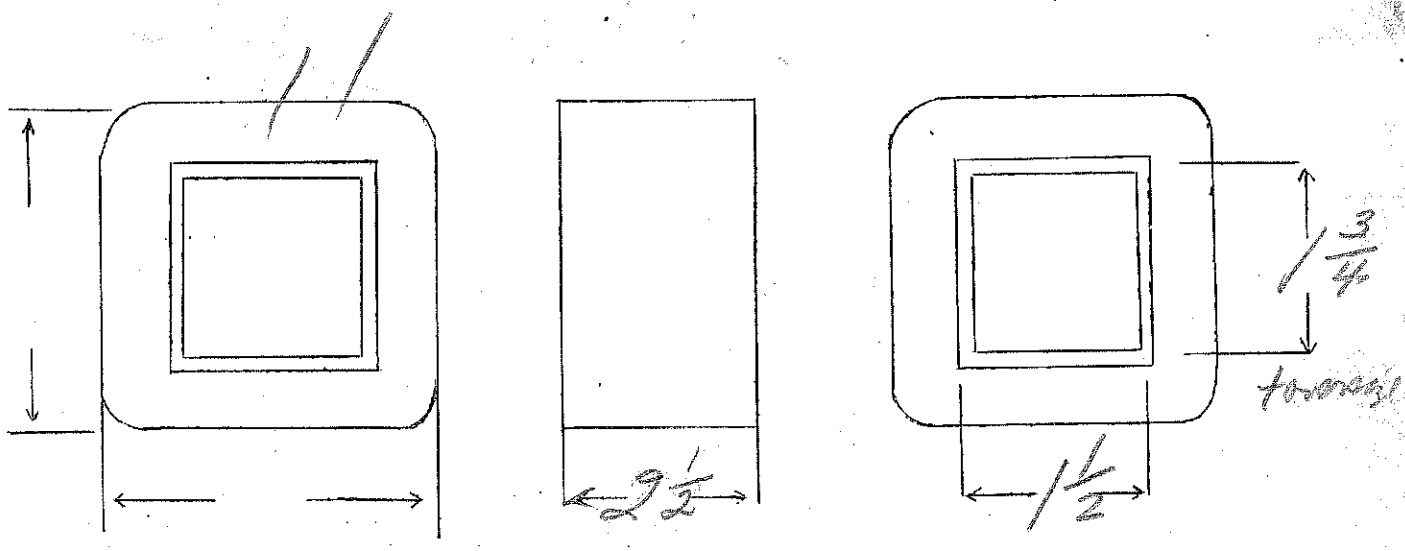
DESIGNED BY *Shurt*

DATE 10-13-36

15H-300 MA

SPEC. NO. 2161

Winding							
Turns	3600						
Taps	—						
Wind. Lgth.	2"						
Wire Size	#26						
T.P.L.	107-34						
Kind Term.	WIRE ONLY						
Term. Lgth.	9"						
Layer Insul.	50#						
Test Volt.	10000						
Wrapper	3L007VC 3L0076A						
TUBE	9L007F 2L007VC	IMPREGNATION	YARNISH				
CORE	1/2 x 1 3/4 Gap .025	PRIMARY V.A.	—				
MOUNTING	J						



DESIGNED BY *Guro*

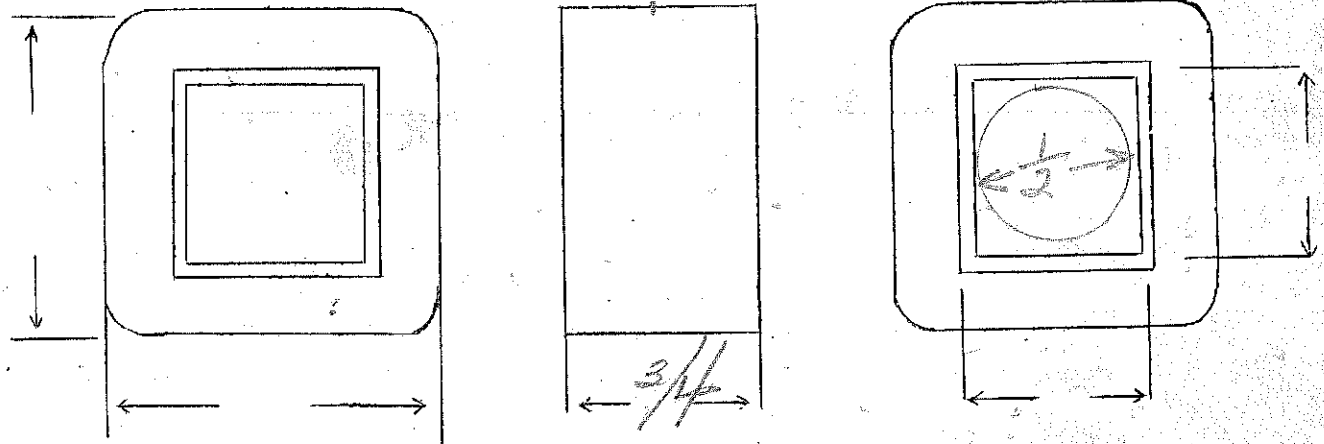
DATE 10-13-36

Harmony Chimes

SPEC. NO. 2162 Coil

Winding							
Turns	900						
Taps	—						
Wind. Lgth.	5/8						
Wire Size	#26						
T.P.L.	33-28						
Kind Term.	#22 Pylon						
Term. Lgth.	6"						
Layer Insul.	30*						
Test Volt.	—						
Wrapper	2100560						

TUBE	71007	IMPREGNATION	VARNISH
CORE	—	PRIMARY V.A.	
MOUNTING	—		

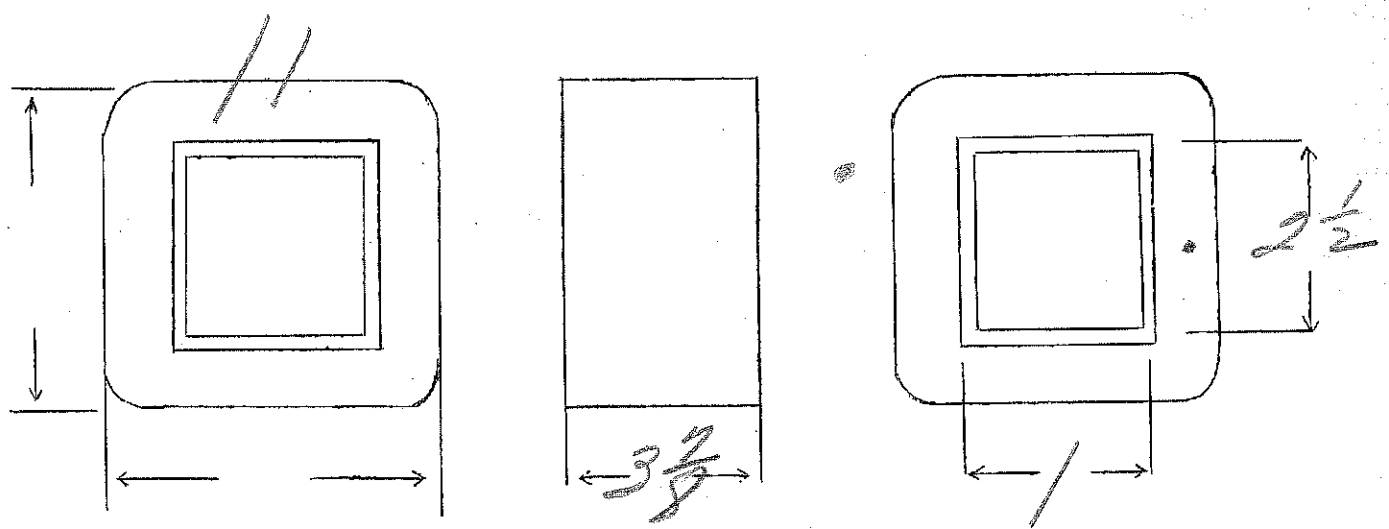


DESIGNED BY Glow

DATE 10-14-36

SPEC. NO. 2163

Winding	<i>p</i>					
Turns	<i>240</i>					
Taps	<i>-</i>					
Wind. Lgth.	<i>3 5/8</i>					
Wire Size	<i>#12</i>					
T.P.L.	<i>40-6</i>					
Kind Term.	<i>WIRE ONLY</i>					
Term. Lgth.	<i>9"</i>					
Layer Insul.	<i>.007 Kraft</i>					
Test Volt.	<i>1500</i>					
Wrapper	<i>2005G-A</i>					
TUBE	<i>7L007</i>		IMPREGNATION		VARNISH	
CORE	<i>1 X 2 1/2" L Lamination</i>		PRIMARY V.A.		<i>-</i>	
MOUNTING	<i>incased with leg brackets</i>					



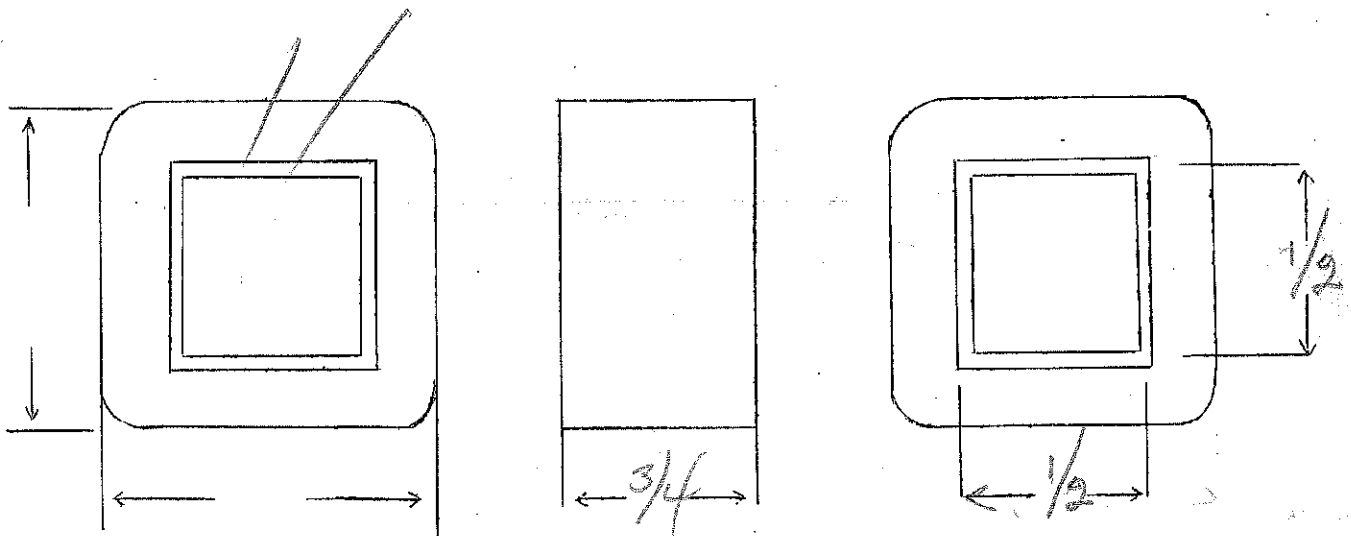
DESIGNED BY *GW*

DATE *10-15-36*

SPEC. NO. 2164

Winding							
Turns	3300						
Taps	—						
Wind. Lgth.	5/8						
Wire Size	38						
T.P.L.	130						
Kind Term.	#22 PBR						
Term. Lgth.	6"						
Layer Insul.	20#						
Test Volt.	1500						
Wrapper	210056A						

TUBE	44007	IMPREGNATION
CORE	1/2 x 1/2	PRIMARY V.A.
MOUNTING	D - Butt stack no gap - Cadmium Brackets	



DESIGNED BY

DATE

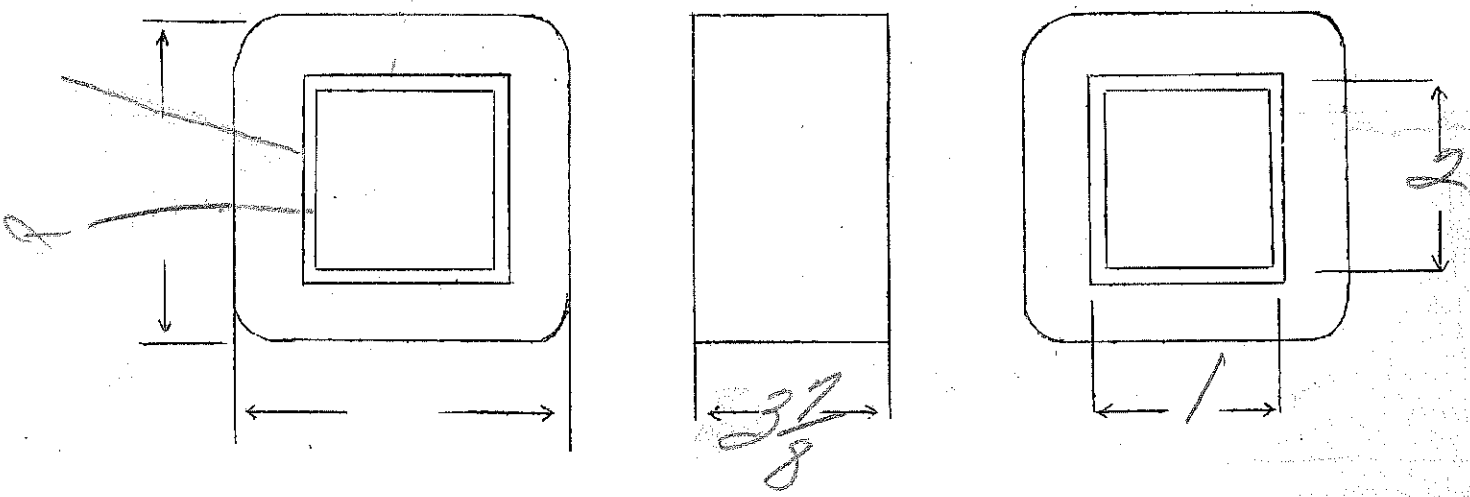
Special choke

SPEC. NO. 2165

Winding	PR1					
Turns	225					
Taps	—					
Wind. Lgth.	35/8					
Wire Size	#12					
T.P.L.	40					
Kind Term.	W.O. sleeving					
Term. Lgth.	10"					
Layer Insul.	007 Kraft					
Test Volt.	1500					
Wrapper	210056A					

TUBE	96007	IMPREGNATION	VARNISH
CORE	1x2 "L" - 2x2	PRIMARY V.A.	
MOUNTING	electrical grade		

mounted with leg brackets



DESIGNED BY *[Signature]*

DATE *10-16-36*

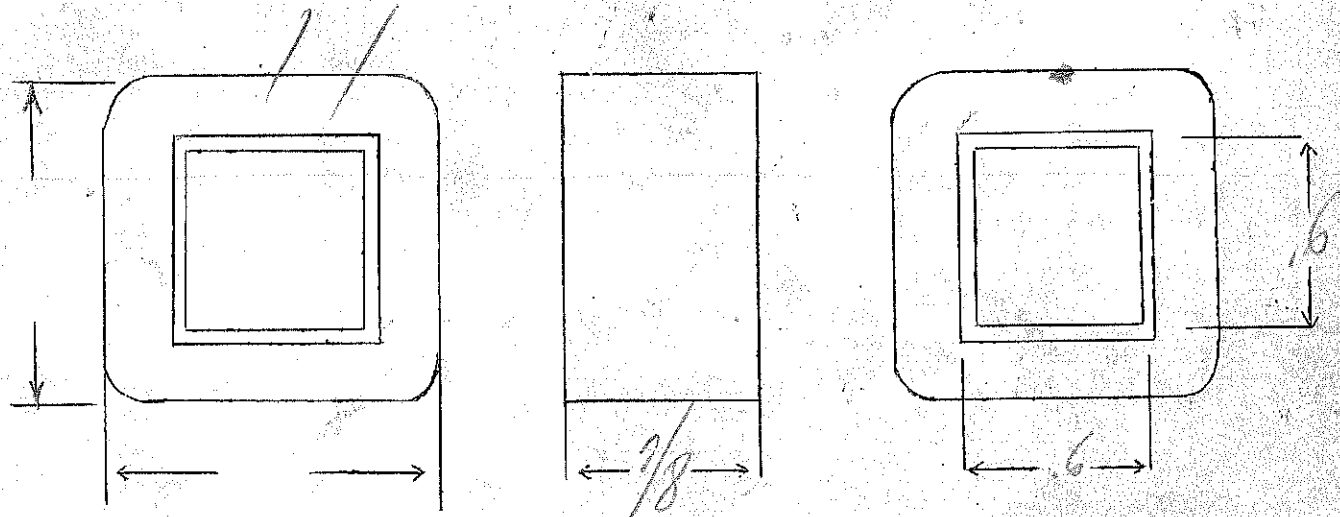
2H-5Ma

SPEC. NO. 2166

Winding	P						
Turns	2000						
Taps	—						
Wind. Lgth.	3/4						
Wire Size	#36						
T.P.L.	122						
Kind Term.	silver						
Term. Lgth.	3"						
Layer Insul.	30#						
Test Volt.	1500						
Wrapper	26005GA						

TUBE	7K007	IMPREGNATION	Wax
CORE	.6 X .6 - 24 3/4 .015" gap	PRIMARY V.A.	
MOUNTING	D		

do not reverse end laminations as happens -



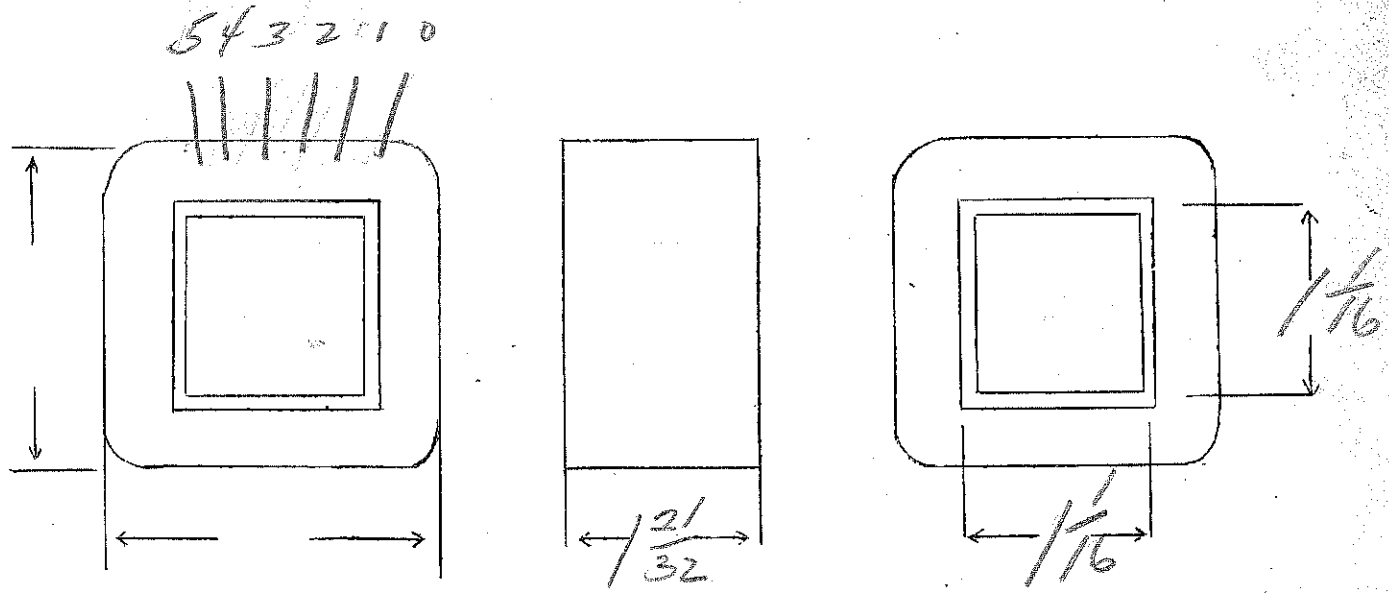
DESIGNED BY *gww*

DATE 10-23-36

SPEC. NO. 2167

Winding	P.						
Turns	1220						
Taps	1120-1020-920-820						
Wind. Lgth.	$1\frac{15}{32}$						
Wire Size	#25						
T.P.L.	51-24						
Kind Term.	#20 curly						
Term. Lgth.	9"						
Layer Insul.	40#						
Test Volt.	1500						
Wrapper	21005GA						

TUBE	7L007	IMPREGNATION	VARNISH
CORE	$1/16 \times 1/16$ E only)	PRIMARY V.A.	
MOUNTING	unmasked - stacked E only		



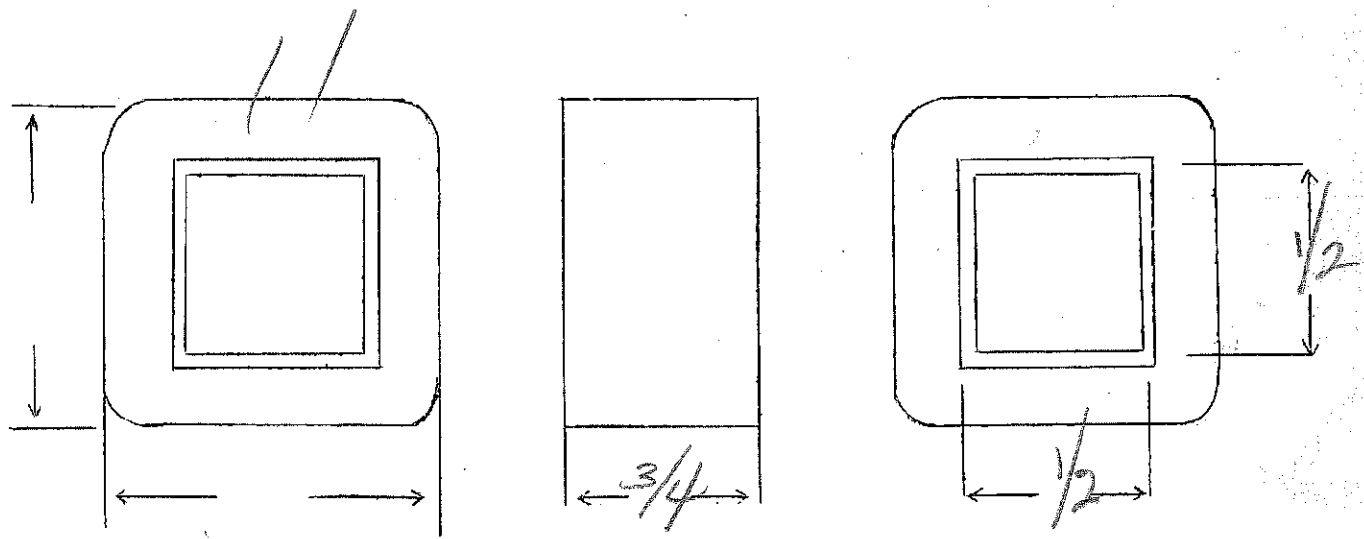
DESIGNED BY *gwr*

DATE 10-23-36

special choke 6F5 $\frac{1}{1000}$ 11

SPEC. NO. 2168

Winding	P						
Turns	1650						
Taps							
Wind. Lgth.	5/8						
Wire Size	34						
T.P.L.	82						
Kind Term.	# 20 PMB						
Term. Lgth.	6"						
Layer Insul.	20 #						
Test Volt.	1500						
Wrapper	21005 GA						
TUBE	42007	IMPREGNATION			VARNISH		
CORE	1/2 x 1/2 - 2x2	PRIMARY V.A.					
MOUNTING	D						



DESIGNED BY *How*

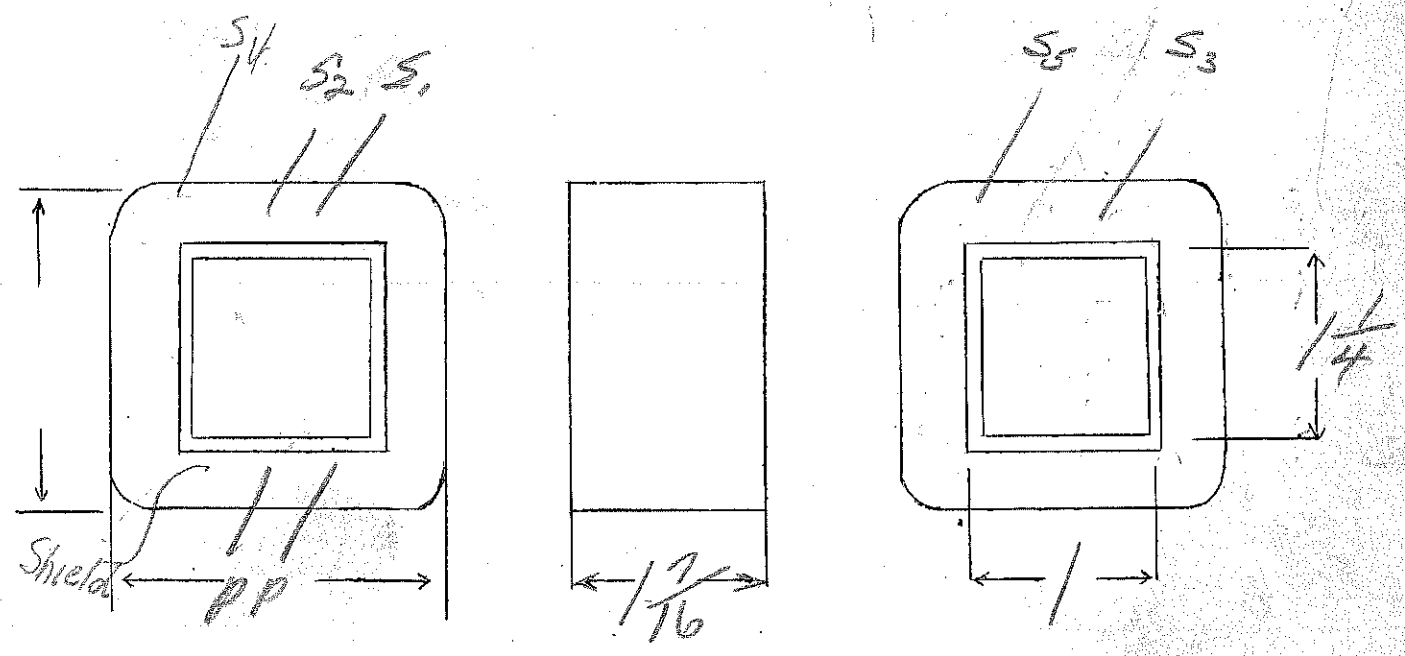
DATE 10-24-36

Ep - 115
 Es - 105-110-115-120 - 50 watts
 N/E = 46

SPEC. NO. 2169

Winding	PRI	SHIELD	SEC			
Turns	530	67	605			
Taps	—		580-555-530			
Wind. Lgth.	1.25	1.25				
Wire Size	26	26	26			
T.P.L.	67-8	67	67-12			
Kind Term.	WIRE	ONLY				
Term. Lgth.	3"	3"	3"			
Layer Insul.	40#	40#	40#			
Test Volt.	1500 VOLTS					
Wrapper	12007VC/14007VC	210050A				

TUBE	7L007	IMPREGNATION
CORE	1x1/4	PRIMARY V.A.
MOUNTING	BB	



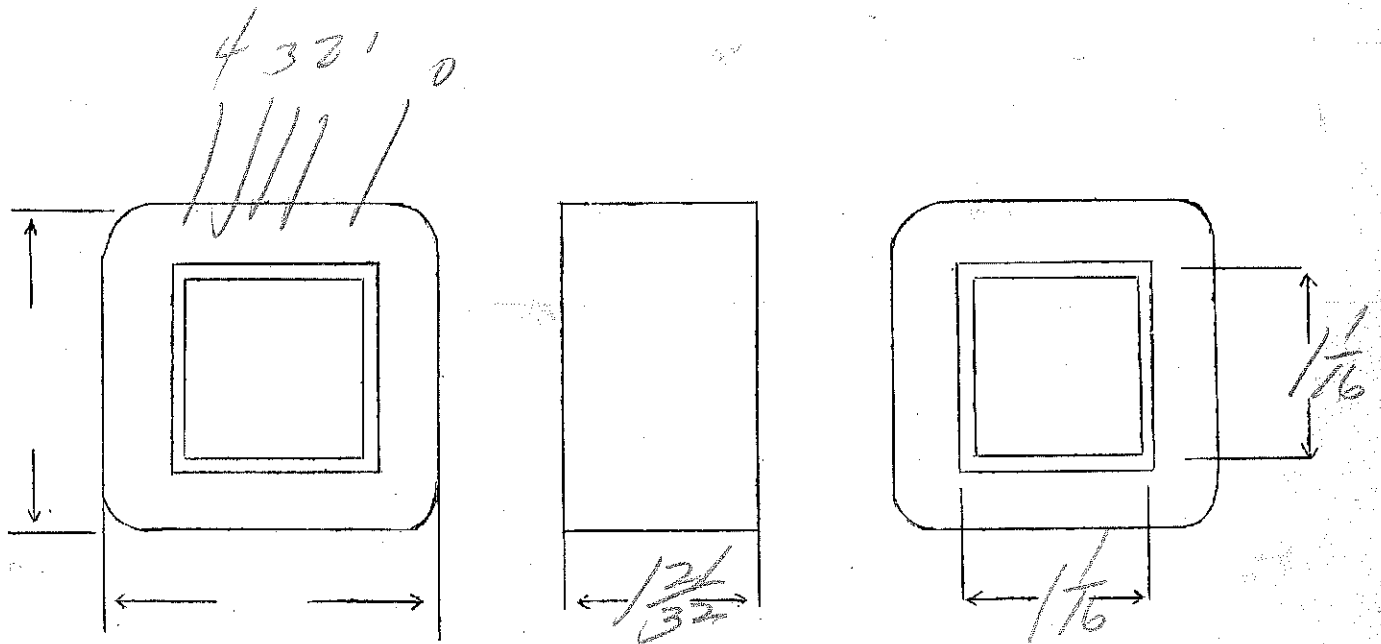
DESIGNED BY *yw*

DATE 11-3-36

SPEC. NO. 2170

Winding	PRI						
Turns	1320						
Taps	1020 - 1120 - 1220						
Wind. Lgth.	$1\frac{15}{32}$						
Wire Size	#25						
T.P.L.	51-						
Kind Term.	#20032						
Term. Lgth.	9"						
Layer Insul.	40#						
Test Volt.	1500						
Wrapper	22007						

TUBE	72007	IMPREGNATION	VARNISH
CORE	$1\frac{1}{16} \times 1\frac{1}{16}$ E only	PRIMARY V.A.	
MOUNTING	uninsulated stack E only		



DESIGNED BY *Yw*

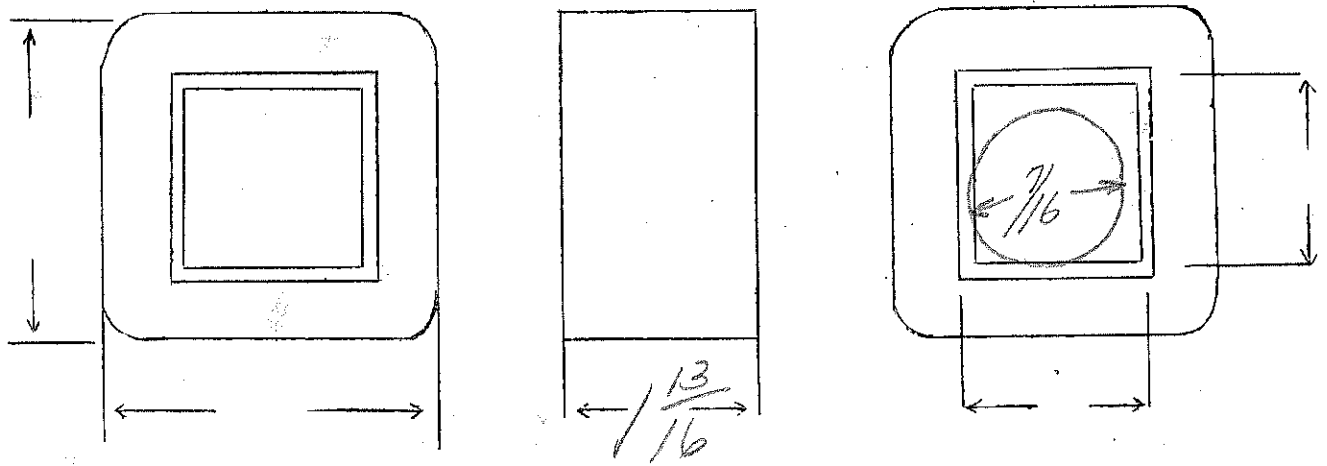
DATE *10-29-36*

see also #2153

115 volt coil

SPEC. NO. 2172-10

Winding	P						
Turns	2930						
Taps	—						
Wind. Lgth.	1 1/2						
Wire Size	#30						
T.P.L.	125-24						
Kind Term.	#22 Pbr						
Term. Lgth.	5"						
Layer Insul.	30 #						
Test Volt.	—						
Wrapper	21005GA						
TUBE	400.7	IMPREGNATION			VARNISH		
CORE	—	PRIMARY V.A.					
MOUNTING	—						



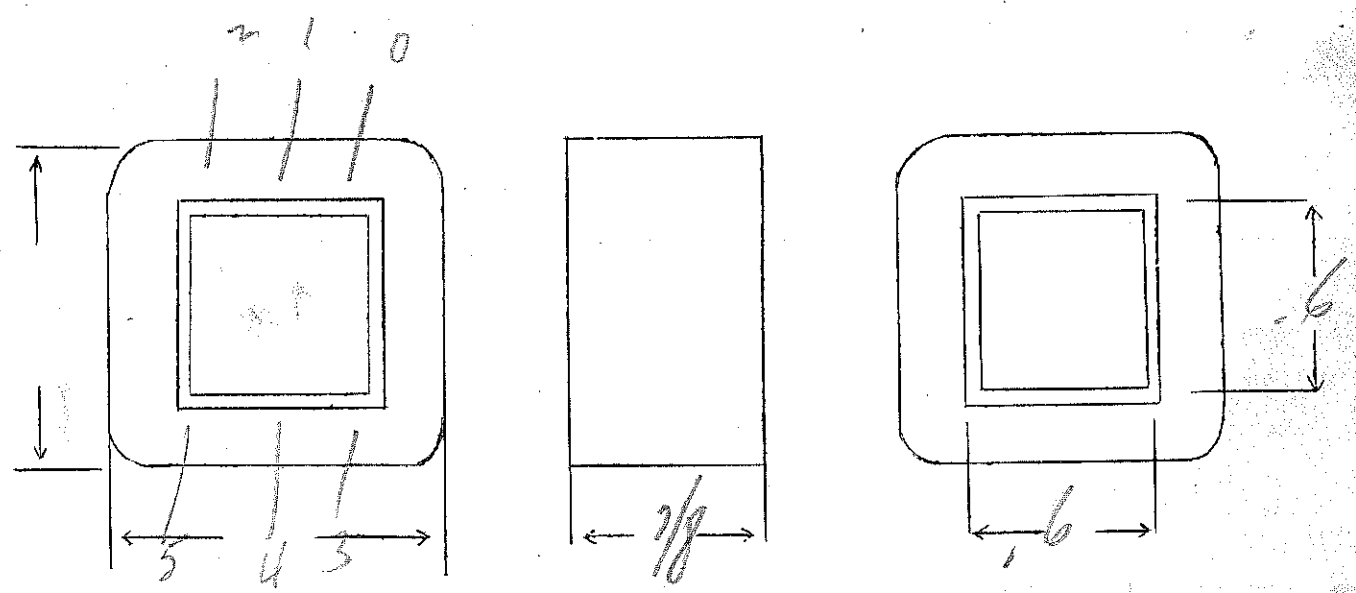
DESIGNED BY LDW

DATE 11-16-36

tapped at 3H, 2H, 1H, 1/2 H, 1/4 H - 10 ms - 20 ms - 500 r

SPEC. NO. 2173

Winding	PRI						
Turns	2420						
Taps	2000 - 1415 - 1090 - 707						
Wind. Lgth.	3/4						
Wire Size	#35						
T.P.L.	111						
Kind Term.	slbr						
Term. Lgth.	3'						
Layer Insul.	20#						
Test Volt.	1250						
Wrapper	22005GA						
TUBE	7L007			IMPREGNATION		VARNISH	
CORE	6x6	2x2 stack				PRIMARY V.A.	
MOUNTING	D						



DESIGNED BY *Sw*

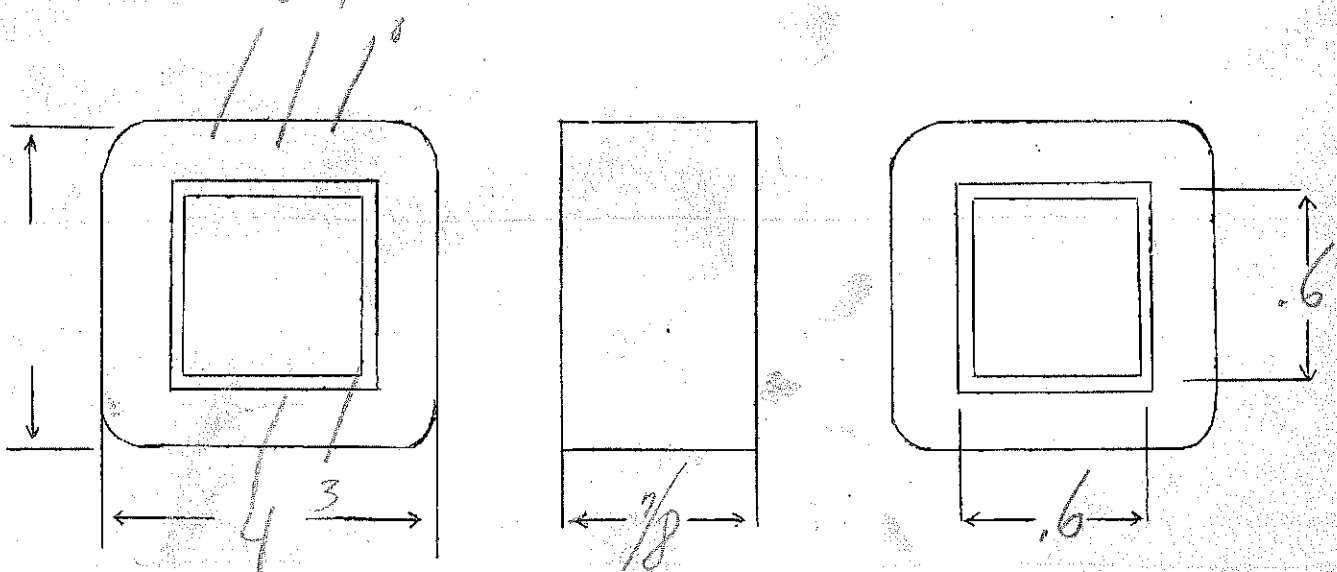
DATE *11-12-36*

tapped .1, .05, .025, .0125 for 10 mm 20 volt > 500w

SPEC. NO. 2174

Winding	PRI						
Turns	445						
Taps	316	223	158				
Wind. Lgth.	3/4						
Wire Size	29						
T.P.L.	57						
Kind Term.	SILVER						
Term. Lgth.	311						
Layer Insul.	30						
Test Volt.	1250						
Wrapper	26005 GA						

TUBE	72007	IMPREGNATION	VARNISH
CORE	.6 x .6	2x4	PRIMARY V.A.
MOUNTING	D		



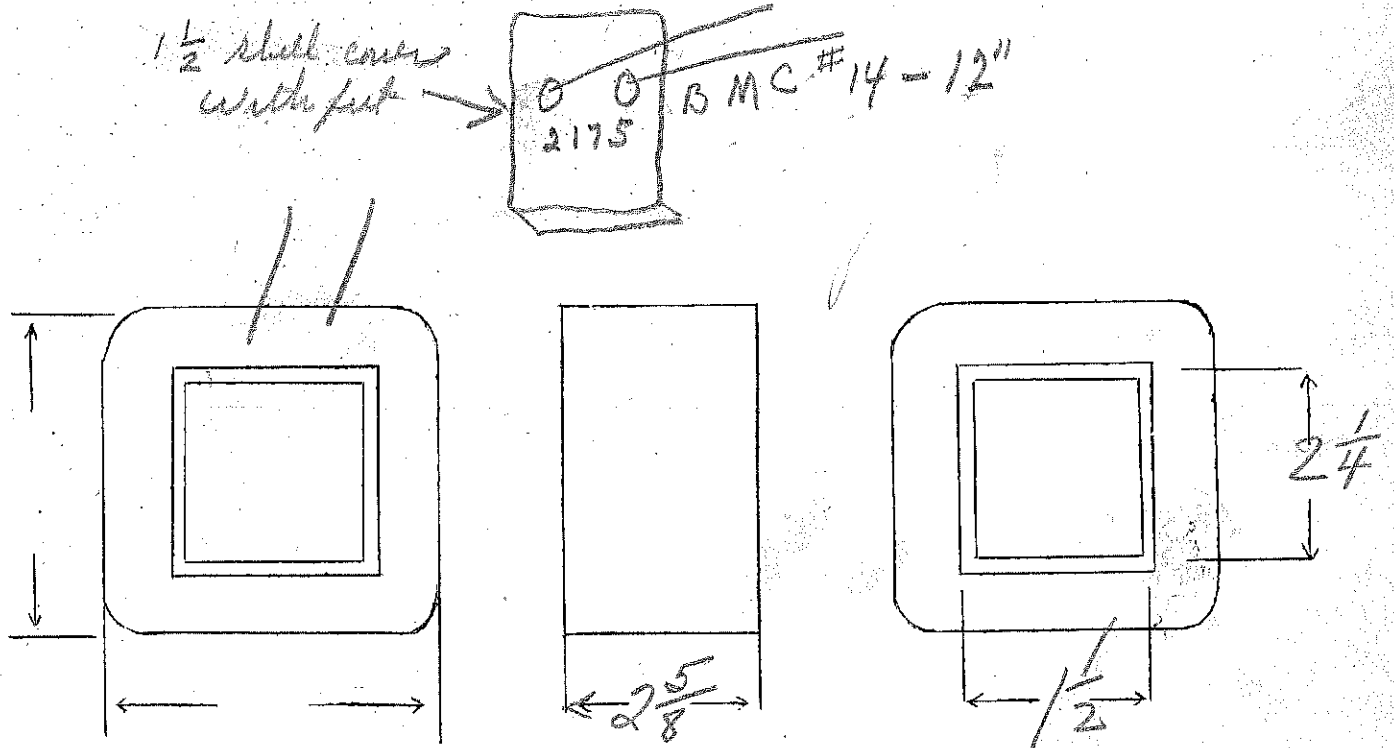
DESIGNED BY GW

DATE - 11-12-36

20H-250Ma choke

SPEC. NO. 2175

Winding	P					
Turns	4700					
Taps	—					
Wind. Lgth.	13/8					
Wire Size	#27					
T.P.L.	112-42					
Kind Term.	WIRE ONLY					
Term. Lgth.	4"					
Layer Insul.	50#					
Test Volt.	7500					
Wrapper	41007VC 21005EA					
TUBE	71007+21007VC	IMPREGNATION	Varnish			
CORE	1 1/2 x 2 1/4 B18-	PRIMARY V.A.				
MOUNTING	F					



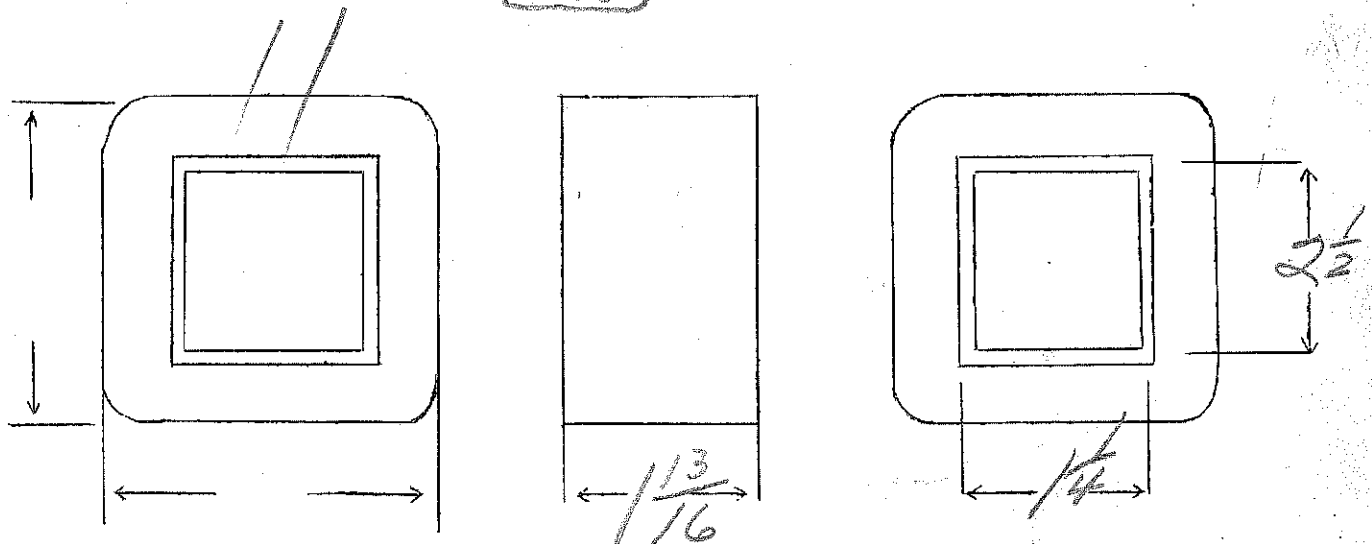
DESIGNED BY *AW*

DATE *11-23-36*

20-75 H choke - 250 ma (swingup)

SPEC. NO. 2176

Winding	P					
Turns	3500					
Taps	—					
Wind. Lgth.	$1\frac{3}{8}$					
Wire Size	#28					
T.P.L.	92-38					
Kind Term.	WIRE ONLY					
Term. Lgth.	4"					
Layer Insul.	30 #					
Test Volt.	7500V					
Wrapper	32007K 210076A					
TUBE	72007+21007K	IMPREGNATION	varnish			
CORE	$1\frac{1}{4} \times 2\frac{1}{2}$ Elect. Grade	PRIMARY V.A.				
MOUNTING	F	Gap .015				



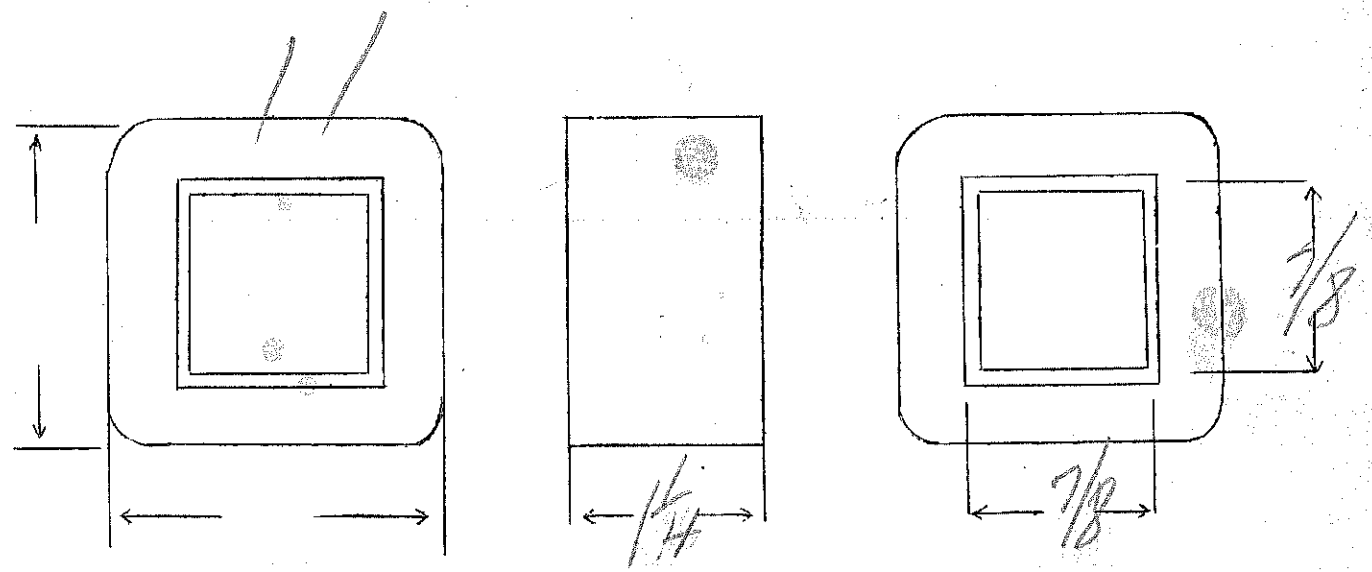
DESIGNED BY *gw*

DATE 11-23-36

8 volt magnet coil

SPEC. NO. 2177

Winding	<i>Blank</i>					
Turns	<i>125</i>					
Taps						
Wind. Lgth.	<i>1/16</i>					
Wire Size	<i>#18</i>					
T.P.L.	<i>6L</i>					
Kind Term.	<i>WIRE ONLY</i>					
Term. Lgth.	<i>9"</i>					
Layer Insul.	<i>.007</i>					
Test Volt.						
Wrapper	<i>21005GA</i>					
TUBE	<i>7K007</i>		IMPREGNATION	<i>VARNISH</i>		
CORE	<i>E stacked. I furnished separately.</i>			PRIMARY V.A.		
MOUNTING						



DESIGNED BY *JW*

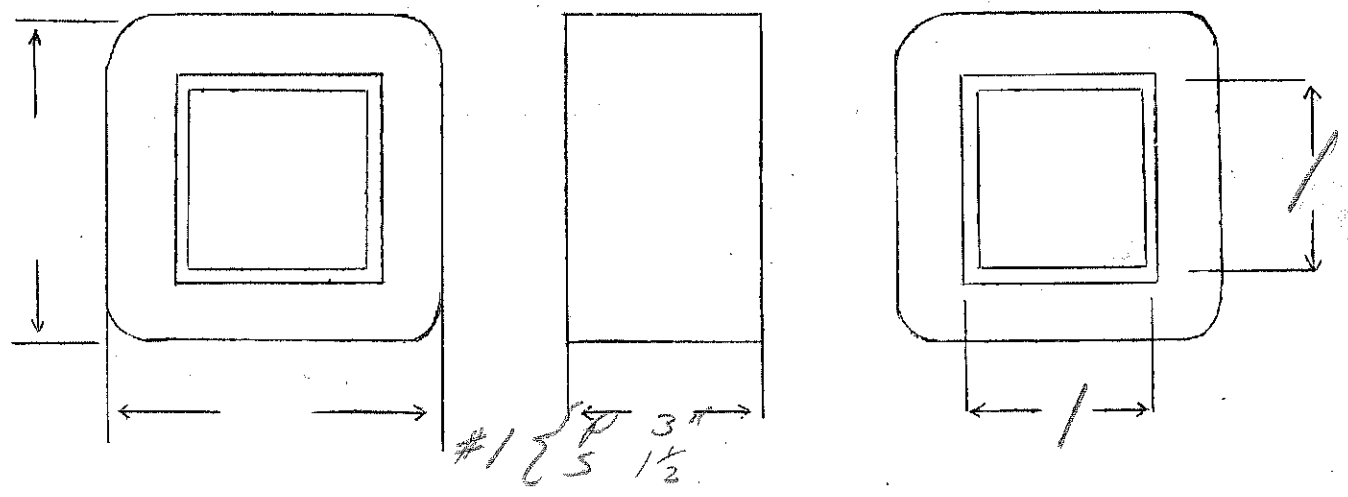
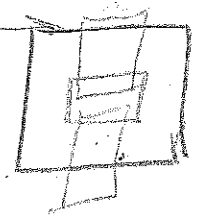
DATE *11-17-36*

Special rewind
 Ep - 115 Ep₁ - 5V 2amp
 Es₁ - 100V Es₂ - 475VCT
 Es₂ - 475VCT one reversed

SPEC. NO. 2178

Winding	P	S ₁	S ₂		S ₂	F ₁	F ₂
Turns	860	1775	1775		845	46	45
Taps	-	-	-				
Wind. Lgth.	2 3/4	1 1/8	1 1/8		2 3/4	✓	✓
Wire Size	#26	30	#30		#30	#20	#20
T.P.L.	146	93	93		220		
Kind Term.	wire only	sil	Basid		sil Bl	WIRE ONLY	ONLY
Term. Lgth.	6"	6"	6"		6"	6"	6"
Layer Insul.	40#	30#	30#		30#		
Test Volt.	250	2500			2500	1250	2500
Wrapper	21007VC		210056A		310056A	310056A	310056A
TUBE	-71007	IMPREGNATION			VARNISH		
CORE	1x1 strip laminated			PRIMARY V.A.			
MOUNTING	special						

S₂, F₂ + F₁ are on outer leg



DESIGNED BY *GW*

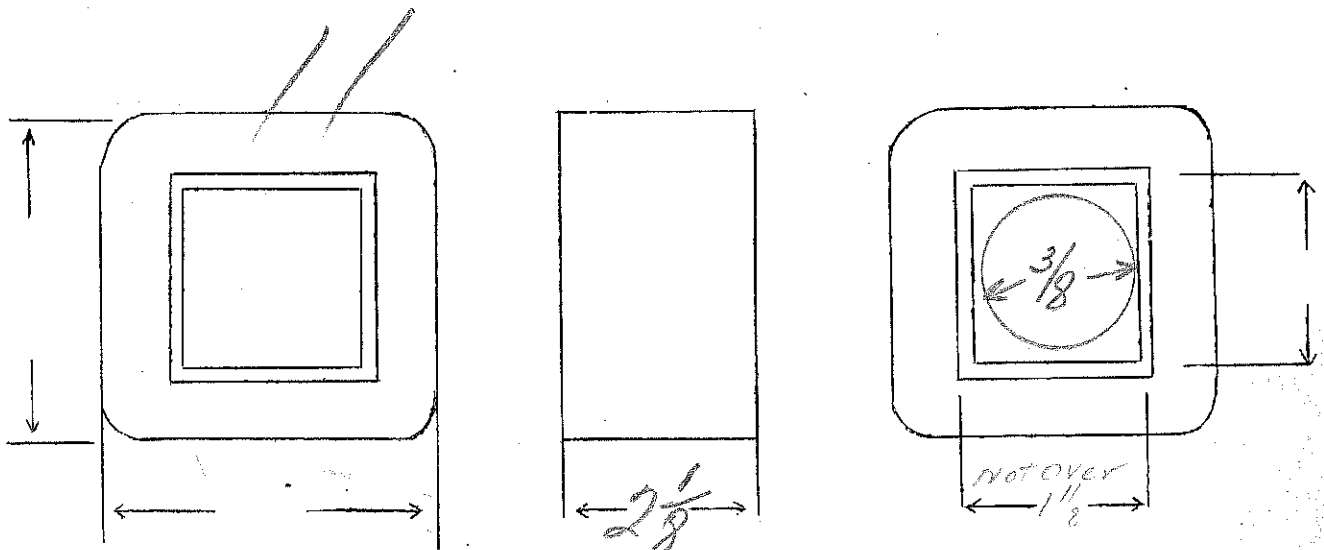
DATE 11-23-36

special 500 r coil

SPEC. NO. 2179

Winding	—						
Turns	9800						
Taps	—						
Wind. Lgth.	17/8						
Wire Size	34						
T.P.L.	24 40						
Kind Term.	#10 Pm Bm						
Term. Lgth.	6"						
Layer Insul.	20#						
Test Volt.	—						
Wrapper	2100560						

TUBE	52007	IMPREGNATION	VARNISH
CORE	—	PRIMARY V.A.	
MOUNTING	—		

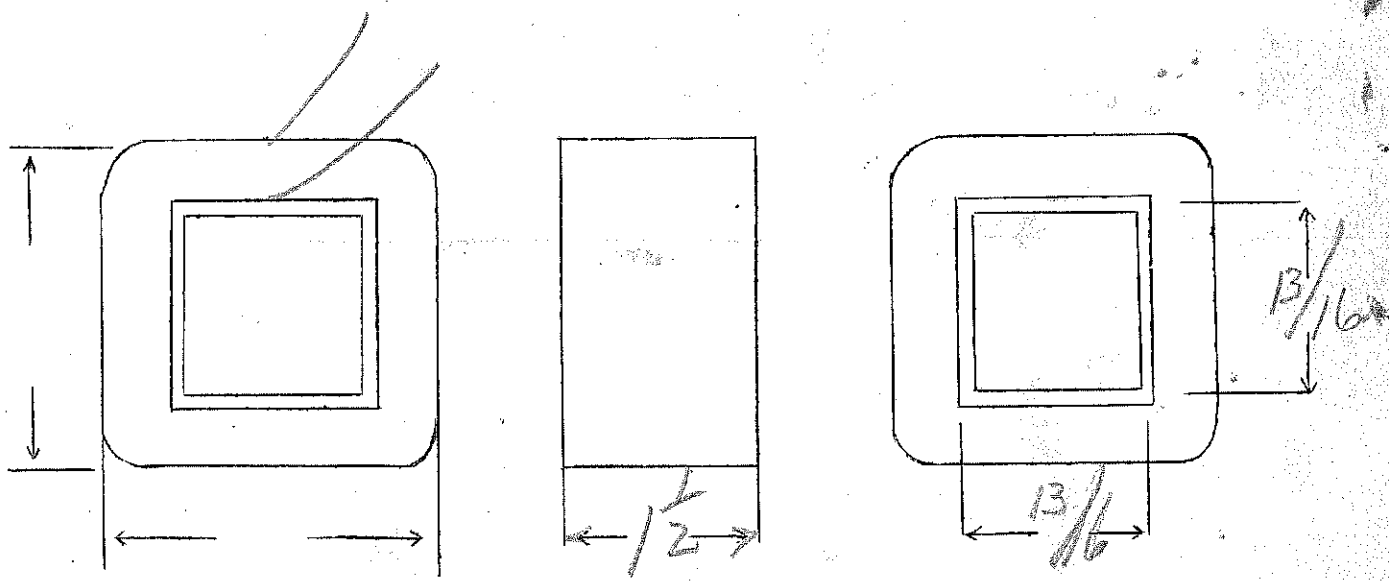


DESIGNED BY *SW*

DATE 11-30-36

SPEC. NO. 2180

Winding	P						
Turns	12000						
Taps	—						
Wind. Lgth.	1 $\frac{1}{8}$						
Wire Size	#38						
T.P.L.	240						
Kind Term.	#20 Pm Brand						
Term. Lgth.	9"	<i>start lead in coil</i>					
Layer Insul.	20 #	<i>See CW.</i>					
Test Volt.	—						
Wrapper	1400780 2000560						
TUBE	74007 + 14007VC	IMPREGNATION			WAX		
CORE	—	PRIMARY V.A.					
MOUNTING	—						

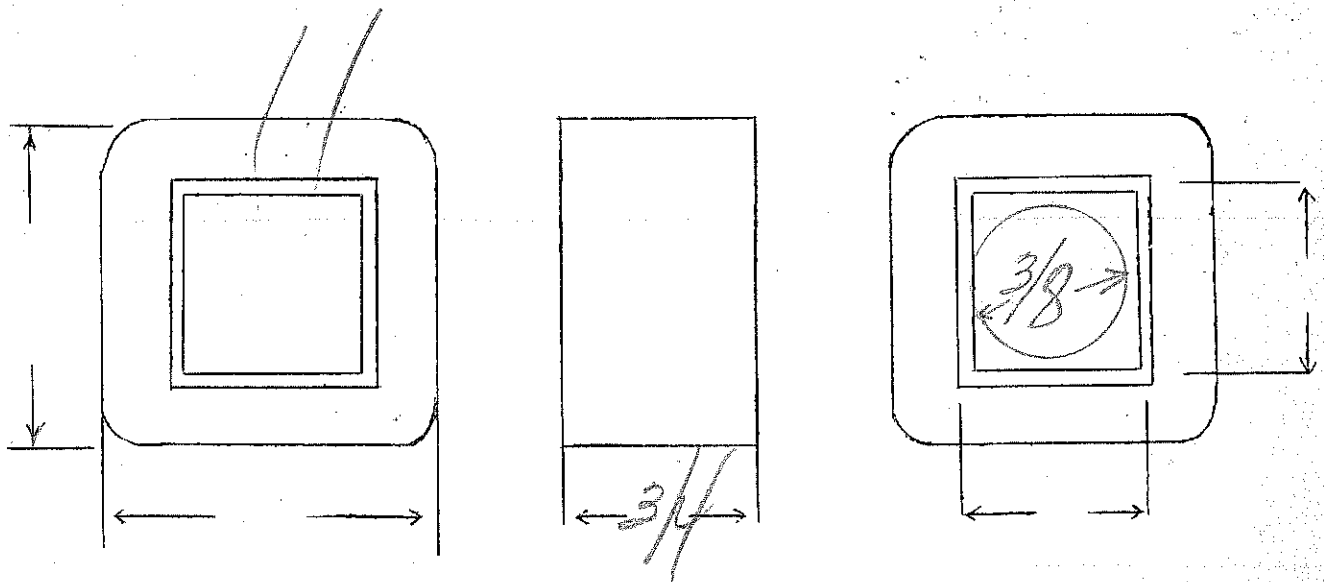


DESIGNED BY *gw*

DATE *12-1-36*

SPEC. NO. 2181

Winding	<i>P</i>						
Turns	<i>900</i>						
Taps	<i>—</i>						
Wind. Lgth.	<i>5/8</i>						
Wire Size	<i>#27</i>						
T.P.L.	<i>36-25</i>						
Kind Term.	<i>#22 0.125</i>						
Term. Lgth.	<i>6"</i>						
Layer Insul.	<i>30#</i>						
Test Volt.	<i>—</i>						
Wrapper	<i>21005GA</i>						
TUBE	<i>41007</i>	IMPREGNATION			<i>VARNISH</i>		
CORE	<i>—</i>	PRIMARY V.A.					
MOUNTING							



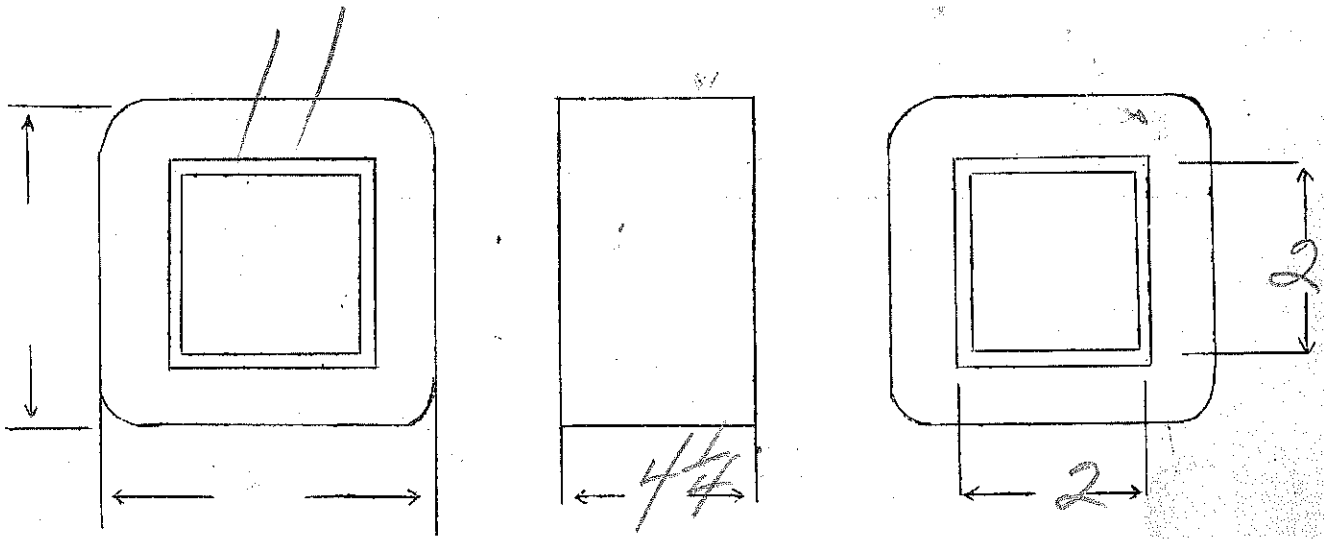
DESIGNED BY *DW*

DATE *12-4-36*

input choke - 750 Ma. - 10,000V Dcs

SPEC. NO. 2183

Winding	PR1						
Turns	3500						
Taps	-						
Wind. Lgth.	3 1/4						
Wire Size	#22						
T.P.L.	111-32						
Kind Term.	WIPE ONLY						
Term. Lgth.	6"						
Layer Insul.	double 50%						
Test Volt.	10,000						
Wrapper	31007VC 314056A						
TUBE	101007421007VC	IMPREGNATION	VARNISH				
CORE	2x2 GAP. 0.20"	PRIMARY V.A.					
MOUNTING	G						



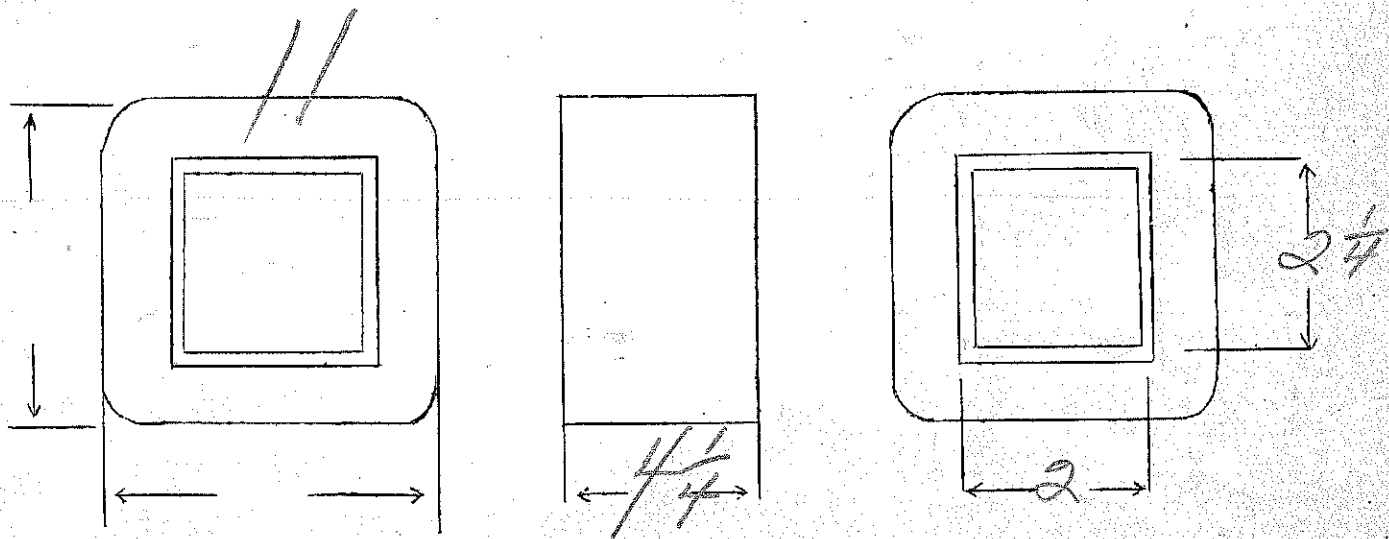
DESIGNED BY *JW*

DATE *12-16-36*

15H smoothing choke - 750 Ma - 10,000

SPEC. NO. 2184

Winding	PR1						
Turns	4200						
Taps	—						
Wind. Lgth.	3 1/4						
Wire Size	#23						
T.P.L.	125-34						
Kind Term.	WIPE ONLY						
Term. Lgth.	6"						
Layer Insul.	double 40#						
Test Volt.	10,000 5250 TVC						
Wrapper	3600 5GA						
TUBE	10L007 + 2L017VC	IMPREGNATION	VARNISH				
CORE	2 x 2 1/4	GAP - 020	PRIMARY V.A.				
MOUNTING	G						



DESIGNED BY *SW*

DATE 12-16-36