

SCHIRESON

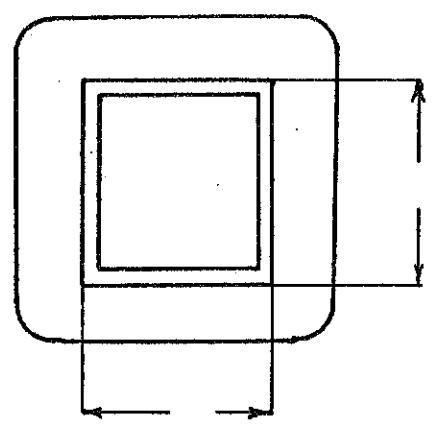
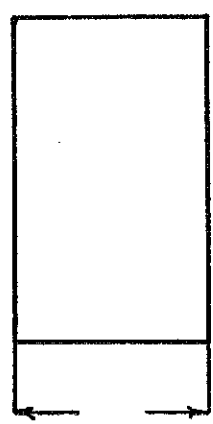
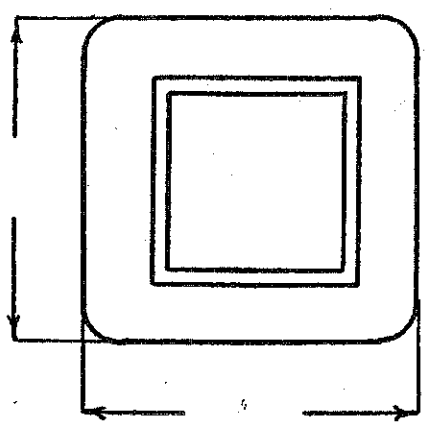
SPEC. NO. 3400

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| 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 BB



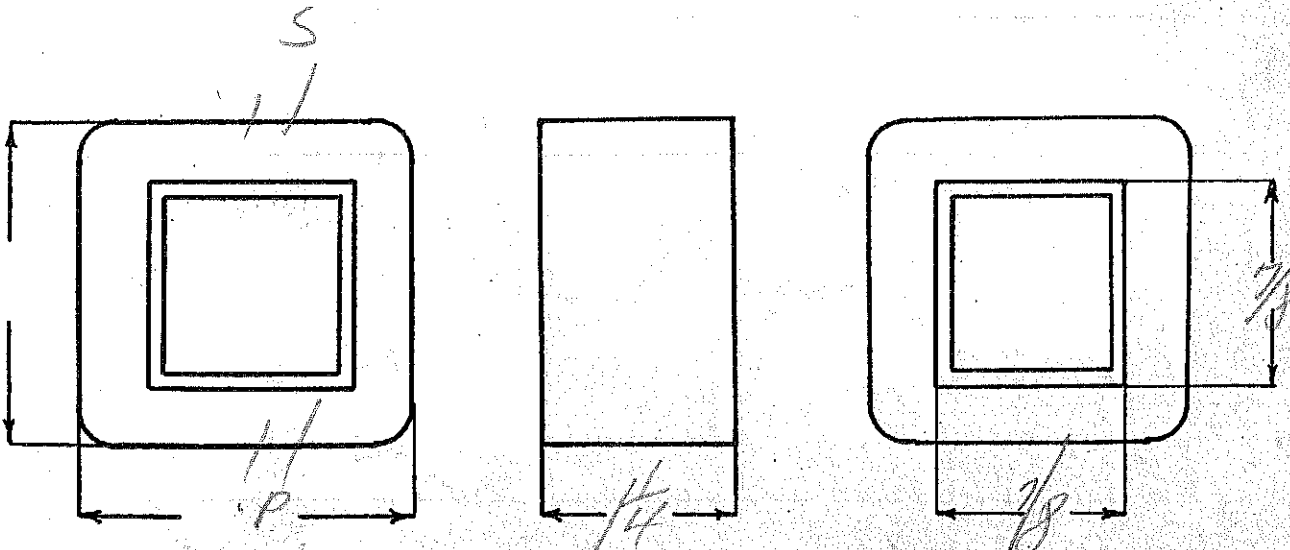
DESIGNED BY

DATE

4-2 to grid - ^{input} shield P-S - Pri leads symmetrical
 response 200-5000 Hz

SPEC. NO. 3901

| | | | | | | | |
|--------------|---------------|--------|--------------|--------|-----|-------|-----|
| Winding | SEC | SHIELD | PRI | SHIELD | | | |
| Turns | 10,000 | 1 | 60 | 1 | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1 1/16 | SHIM | | SHIM | | | |
| Wire Size | #39 | STOCK | #21 | STOCK | | | |
| T. P. L. | 240 | | 2L | | | | |
| Finish | Z | | | | | | |
| Type Lead | #20 PPM | Sil Br | WIRE DUAL | Sil Br | | | |
| Lead Lgth. | 9" | | 9" | | | | |
| Layer Insul. | 18# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 26056A | ✓ | ✓ | 26056A | | | |
| TUBE | 76007 H4031/P | | IMPREGNATION | | WAX | | |
| CORE | 7/8 x 7/8 | GA. | 29 | GRADE | B | STACK | 2x2 |
| MOUNTING | A | | | | | | |



DESIGNED BY *Geo*

DATE 11/10/57

5000 Ω to two 4 μ secondaries) 3 3/4" width - single coil

200-5000 cycles

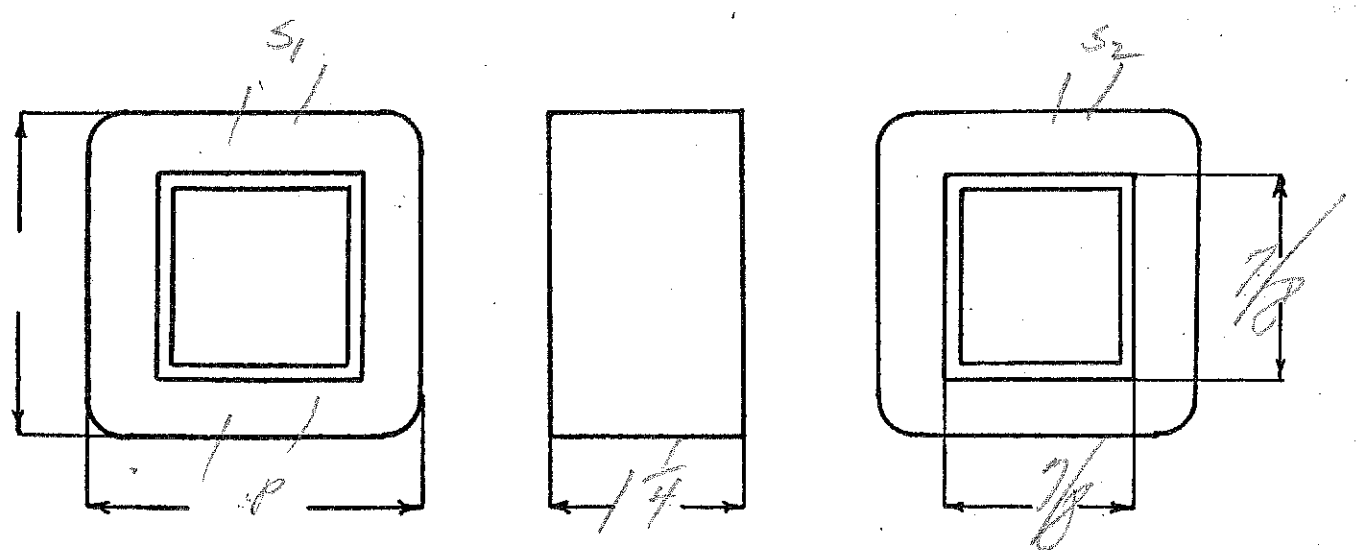
SPEC. NO. 3902

| | | | | | | | |
|--------------|---------|----------------|----------------|--|--|--|--|
| Winding | P | S ₁ | S ₂ | | | | |
| Turns | 2500 | 70 | 70 | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1 1/16 | | | | | | |
| Wire Size | #35 | #22 | #22 | | | | |
| T. P. L. | | 2L | 2L | | | | |
| Finish | | | | | | | |
| Type Lead | #28 | WIRE ONLY | | | | | |
| Lead Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 20# | .005 | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 36005GA | 26005GA | 26005GA | | | | |

TUBE 7007 IMPREGNATION VARNISH

CORE GA. 29 - GRADE B STACK .005" thin

MOUNTING A



DESIGNED BY *SW*

DATE 11/8/37

50v operation
 5000 Ω P-P to 8000 Ω CT - 10 volts audio

SPEC. NO. 3003

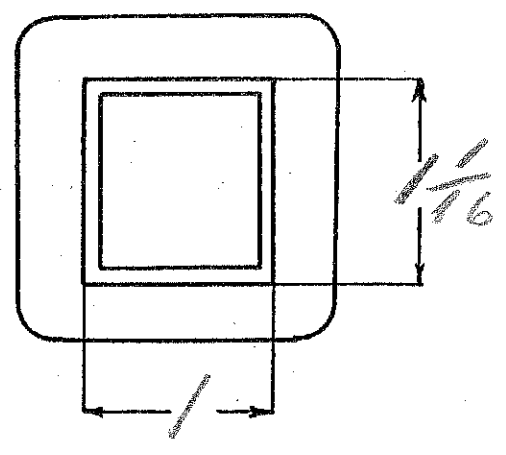
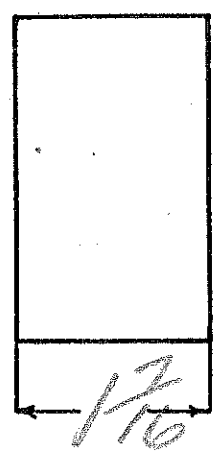
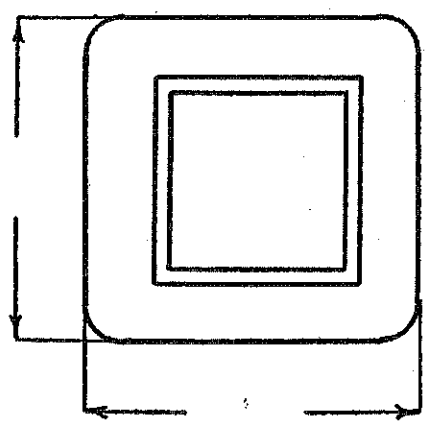
| | | | | | | |
|--------------|------------|--|--------------------|--|--|--|
| Winding | PR1 | | 55C | | | |
| Turns | 3200 | | 4100 | | | |
| Taps | 1600 | | 2050 | | | |
| Wind. Lgth. | 125 | | | | | |
| Wire Size | #34 | | #34 | | | |
| T. P. L. | 164-20 | | 164-26 | | | |
| Finish | | | | | | |
| Type Lead | #20 Par B. | | | | | |
| Lead Lgth. | 911 | | 911 | | | |
| Layer Insul. | 20# | | 20# | | | |
| Test Volt. | 2500 | | 2500 | | | |
| Wrapper | 2100710 | | 1600710 2100562 | | | |

TUBE 51007 IMPREGNATION Varnish

CORE GA. 29 GRADE A-enclosed STACK 2x2

MOUNTING A

heavy finishing - 24010 V2
 24010 GA



DESIGNED BY SW

DATE 11/3/57

.25 Ω to 50,000 Ω

two trans to be connected with parallel pri, series sec
for hum-bucking service

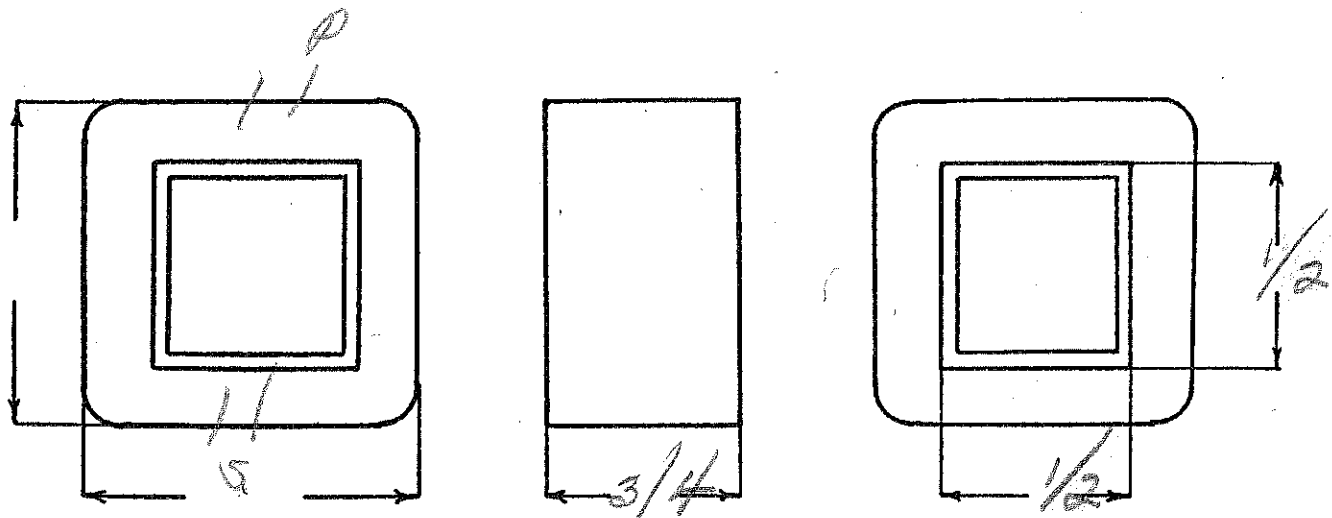
SPEC. NO. 3904

| | | | | | | |
|--------------|--------|-------------------|--|--|--|--|
| Winding | SEC | PR1 | | | | |
| Turns | 6000 | 13 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 5/8 | ✓ | | | | |
| Wire Size | #40 | #18 | | | | |
| T. P. L. | 167-36 | 14 | | | | |
| Finish | | | | | | |
| Type Lead | #29 | W.O. - no drawing | | | | |
| Lead Lgth. | 6" | 6" | | | | |
| Layer Insul. | 12# | | | | | |
| Test Volt. | none | | | | | |
| Wrapper | 14056A | 210058A | | | | |

TUBE 46007 IMPREGNATION Wax

CORE 1/2 x 1/2 GA. 29 GRADE audio STACK 2x2

MOUNTING D



DESIGNED BY Sw

DATE 11/9/37

Angle 45 to #45 AB
 0/25-15

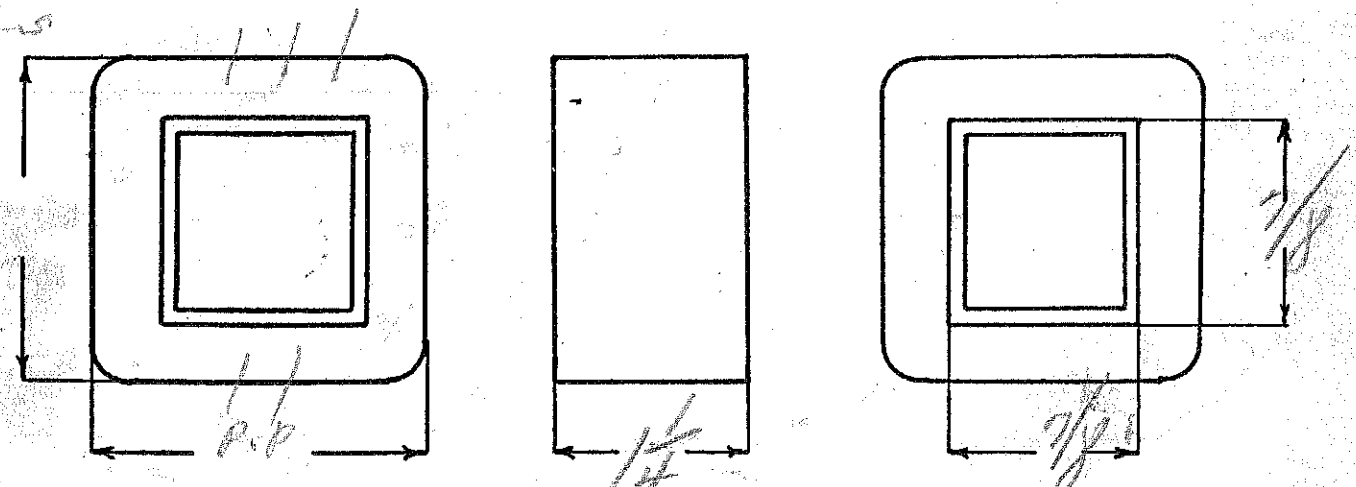
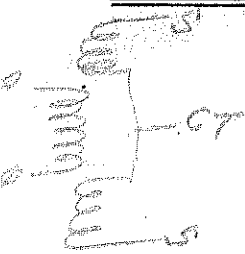
SPEC. NO. 3995

| | | | | | | |
|--------------|------------------|------------------|---------|--|--|--|
| Winding | S | P | S | | | |
| Turns | 2800 | 3500 | 2800 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1 1/16 | | | | | |
| Wire Size | #37 | #37 | #37 | | | |
| T. P. L. | 176-16 | 176-20 | 176-16 | | | |
| Finish | oil based | | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 3" | 3" | 3" | | | |
| Layer Insul. | 20# | L | — | | | |
| Test Volt. | | | | | | |
| Wrapper | 100% VC 4L BP | 100% VC 4L BP | 200% SA | | | |

TUBE 72007 IMPREGNATION VARNISH

CORE GA. 29 GRADE B STACK, .005 gap

MOUNTING D



DESIGNED BY [Signature]

DATE 11/6/37

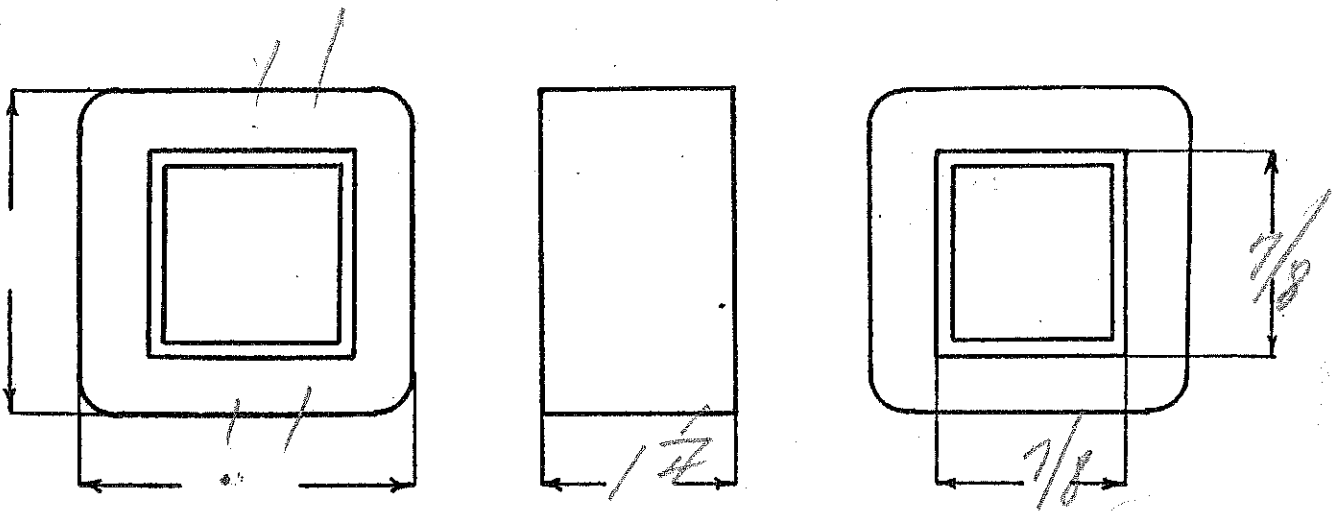
At 608 to grid

Pr - 26000 rpm @ 50v - 3 mdc

4:1 step up

SPEC. NO. 3906

| | | | | | | | |
|--------------|---------------|------------------|--------------|--|-----------|--|--|
| Winding | P | S | | | | | |
| Turns | 6000 | 22,000 | | | | | |
| Taps | — | — | | | | | |
| Wind. Lgth. | 1/16 | | | | | | |
| Wire Size | #41 | #41 | | | | | |
| T. P. L. | 334-18 | 334-66 | | | | | |
| Finish | | | | | | | |
| Type Lead | Sil Br | | | | | | |
| Lead Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 12# | 12# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2003VP | 1003VP 1005BA | | | | | |
| TUBE | 5L007 10003VP | | IMPREGNATION | | Wax | | |
| CORE | 7/8 x 7/8 | GA. 29 | GRADE A | | STACK 2x2 | | |
| MOUNTING | D | | | | | | |



DESIGNED BY

DATE

4-2 to grid

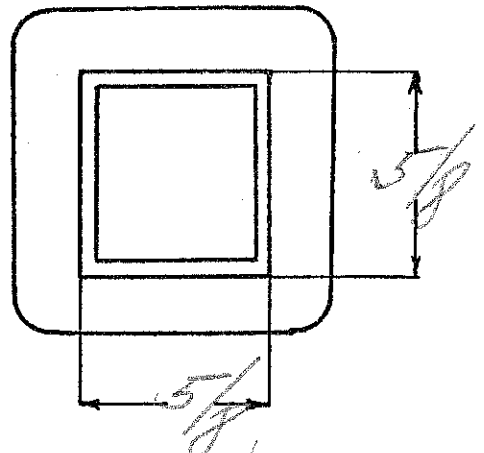
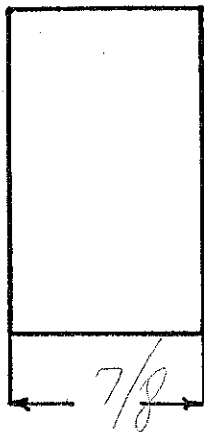
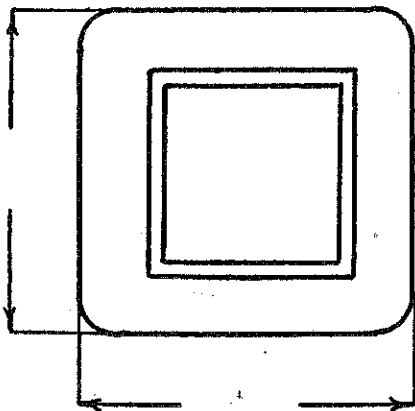
SPEC. NO. 3907

| | | | | | | |
|--------------|---------|---------|--|--|--|--|
| Winding | S | P | | | | |
| Turns | 8000 | 50 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | 3/4 | | | | |
| Wire Size | #40 | #22 | | | | |
| T. P. L. | 200-40 | 25-2 | | | | |
| Finish | silbr | w.c. | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 12# | .005 | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2L0056A | 2L0056A | | | | |

TUBE 46007 IMPREGNATION wait

CORE .6 x .6 GA. 29 GRADE B STACK 2x2

MOUNTING D



DESIGNED BY grw

DATE 11/1/37

.25 Ω to 50 000

two trans. to be connected with parallel pri - sec. sec. for hum bucking operation

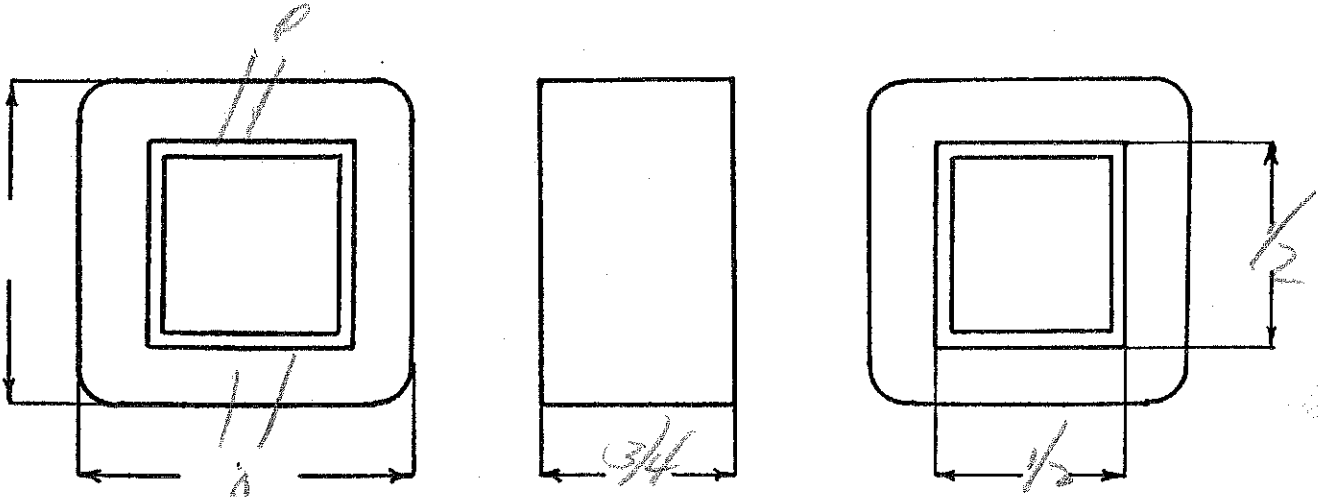
SPEC. NO. 3908

| | | | | | | | |
|--------------|-----------|--------------|--|--|--|--|--|
| Winding | SEC | PRI | | | | | |
| Turns | 7600 | 17 | | | | | |
| Taps | — | — | | | | | |
| Wind. Lgth. | 5/8 | | | | | | |
| Wire Size | #41 | #30 | | | | | |
| T. P. L. | 193-40 | | | | | | |
| Finish | | | | | | | |
| Type Lead | #30 Pb | WIRE ONLY | | | | | |
| Lead Lgth. | 6" | 6" | | | | | |
| Layer Insul. | 12# | | | | | | |
| Test Volt. | none | | | | | | |
| Wrapper | N0056A | S10056A | | | | | |

TUBE 4607 IMPREGNATION var

CORE 1/2 x 1/2 GA. 29 GRADE Audio STACK 202

MOUNTING D



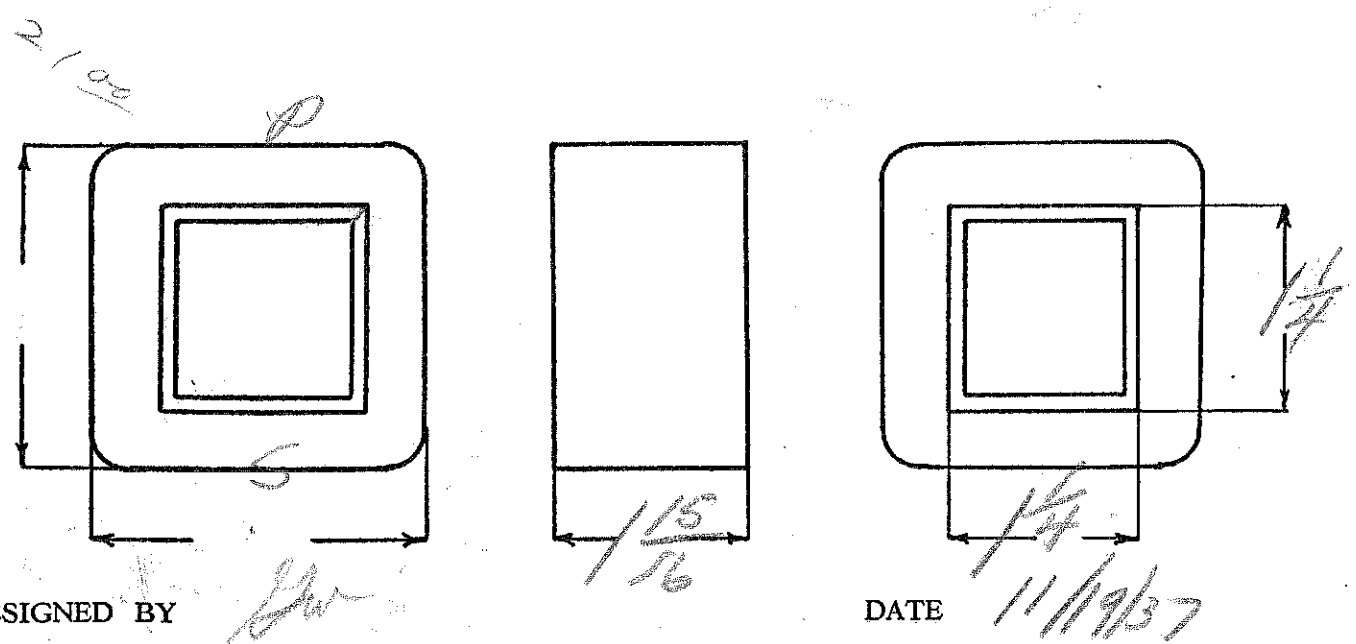
DESIGNED BY DW

DATE 11/19/37

PP626 to 2-Class B Eimac 100T4 (2100V - 400W)

SPEC. NO. 3909

| | | | | | | |
|--------------|-----------|-------------------|--------------|----------|-------|-----|
| Winding | PRI | JEC | | | | |
| Turns | 2400 | 2400 | | | | |
| Taps | 1200 | 1200 | | | | |
| Wind. Lgth. | 15/8 | ✓ | | | | |
| Wire Size | #30 | #30 | | | | |
| T. P. L. | 135 | | | | | |
| Finish | N.O | | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 6" | 6" | | | | |
| Layer Insul. | 30# | 30# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2007VC | 1007VC 210076A | | | | |
| TUBE | 9007 | | IMPREGNATION | VARNISH | | |
| CORE | 1/4 x 1/4 | GA. 29 | GRADE | annealed | STACK | 2x2 |
| MOUNTING | F | | | | | |



DESIGNED BY Sw

DATE 11/19/37

2500 Ω to 3 Ω and 6 Ω
 25 ma pri de
 6 wattle audia

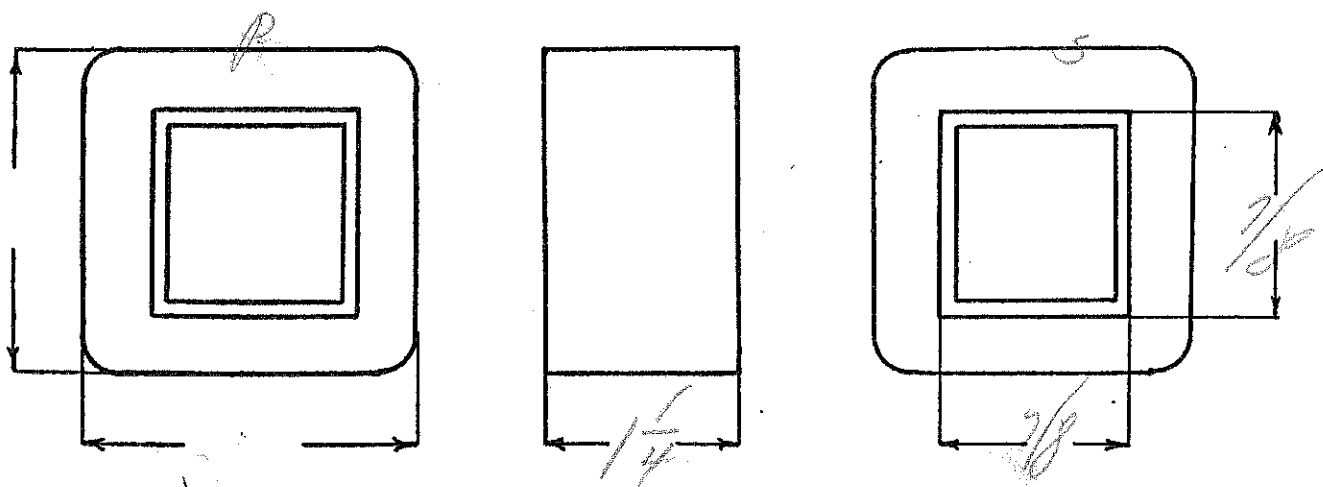
SPEC. NO. 3910

| | | | | | | | |
|--------------|----------------|---------------------------------|--------------------------------|--|--|--|--|
| Winding | P | ^{White} S ₁ | ^{Blue} S ₂ | | | | |
| Turns | 1500 | 52 | 73 | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1 1/6 | | | | | | |
| Wire Size | # 32 | # 21 | # 21 | | | | |
| T. P. L. | 110-14 | | | | | | |
| Finish | # 20 Enamel | WIRE ONLY | | | | | |
| Type Lead | | | | | | | |
| Lead Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 30 # | " | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2400-56A | 2400-56A | 2400-56A | | | | |

TUBE 5L007 IMPREGNATION

CORE 7/8 x 7/8 GA. 29/30 GRADE B STACK .005' Sp

MOUNTING A



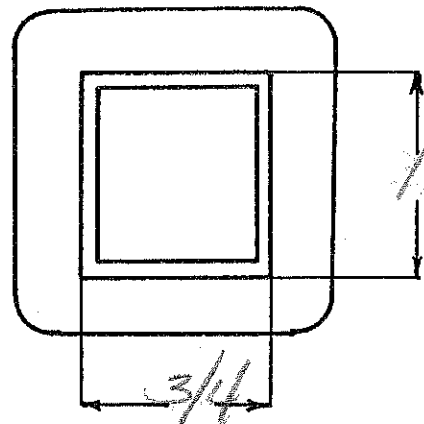
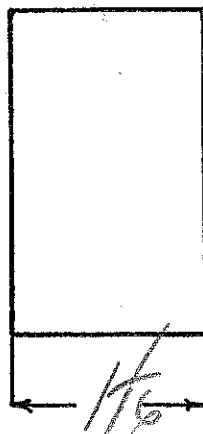
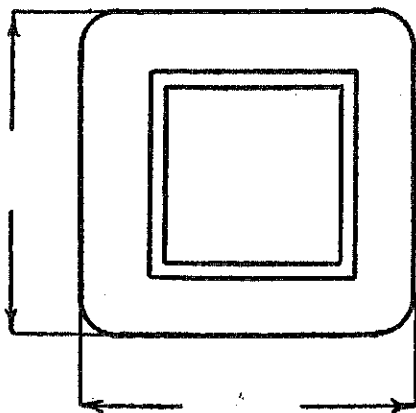
DESIGNED BY G. W. Laver

DATE 11/22/37

10,000 Ω to 3.62 Ω

SPEC. NO. 3911

| | | | | | | | |
|--------------|----------------|-----------|--------------|--|-----------|--|--|
| Winding | D | S | | | | | |
| Turns | 3450 | 66 | | | | | |
| Taps | 1725 | | | | | | |
| Wind. Lgth. | 7/8 | | | | | | |
| Wire Size | #36 | #21 | | | | | |
| T. P. L. | 144-2x | | | | | | |
| Finish | | | | | | | |
| Type Lead | SLP | WIRE ONLY | | | | | |
| Lead Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 20# | 50# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2L05GA 2L005GA | | | | | | |
| TUBE | 5L007 | | IMPREGNATION | | Varnish | | |
| CORE | 3/4 x 1 | GA. 29 | GRADE B | | STACK 2x2 | | |
| MOUNTING | D | | | | | | |



DESIGNED BY *gwr*

DATE *11/26/37*

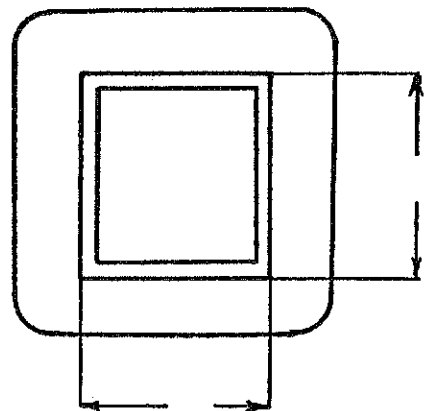
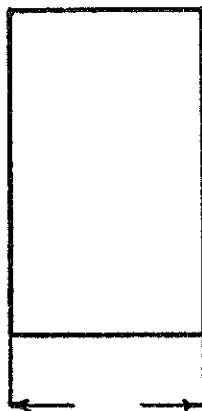
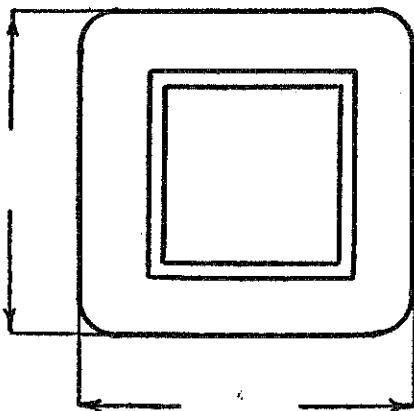
SPEC. NO. 3912

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| 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 D



DESIGNED BY

DATE

single 10,000 rpt to PP Grid 2-10 overall

SPEC. NO. 3913

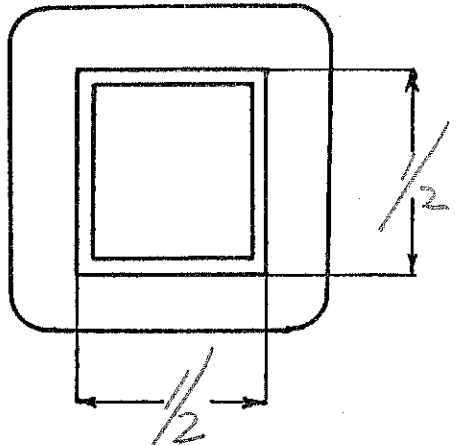
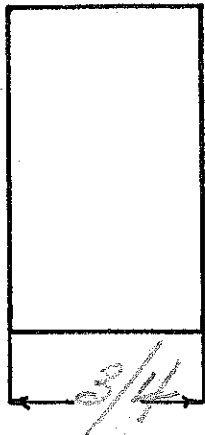
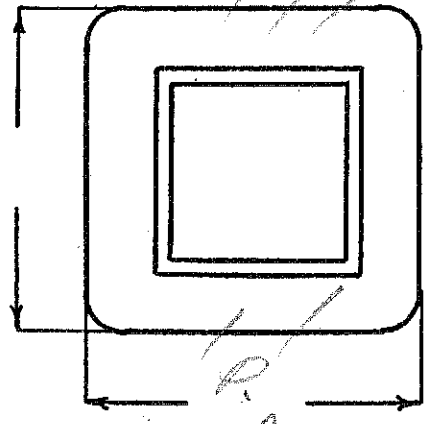
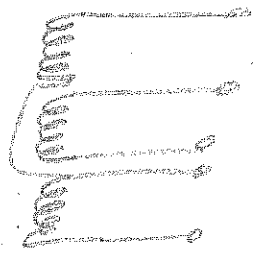
| | | | | | | | |
|--------------|----------------|----------------|-----------------|--|--|--|--|
| Winding | S | P | S | | | | |
| Turns | 3000 | 3000 | 3000 | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 5/8 | 5/8 | 5/8 | | | | |
| Wire Size | #41 | #41 | #41 | | | | |
| T. P. L. | 190-16 | 190-16 | 190-16 | | | | |
| Finish | | | | | | | |
| Type Lead | sil Braid | | | | | | |
| Lead Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | 12# | 12# | 12# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2LWP 1403VP | 2LWP 1403VP | 2LWP 2L0056A | | | | |

TUBE 41007 IMPREGNATION "Wax"

CORE 1/2 x 1/2 GA. 24 GRADE A STACK 2x2

MOUNTING D

Join secondaries



DESIGNED BY GW

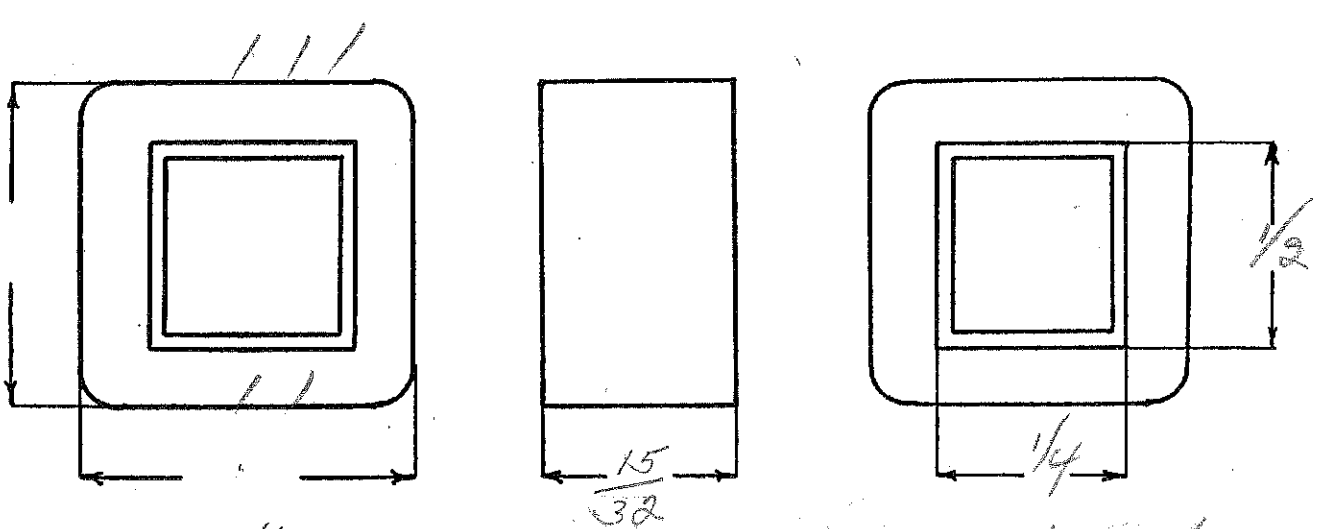
DATE 12/6/37

605 to # 2526

stroke overall

SPEC. NO. 3914

| | | | | | | |
|--------------|---------------------|---------|--------------|--------------------|-------|-----|
| Winding | P | S | | | | |
| Turns | 1470 | 2940 | | | | |
| Taps | | 1470 | | | | |
| Wind. Lgth. | 11/32 | 11/32 | | | | |
| Wire Size | #41 | #41 | | | | |
| T. P. L. | 105-14 | 105-28 | | | | |
| Finish | Sil B | | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | | | | | | |
| Layer Insul. | 10 # | | | | | |
| Test Volt. | None | | | | | |
| Wrapper | 1605VP | 21005GA | | | | |
| TUBE | #207 | | IMPREGNATION | | Wax | |
| CORE | 1/4 x 1/2 | GA. 29 | GRADE | Bennally | STACK | 2x2 |
| MOUNTING | wrap in small panel | | | high. Circis metal | | |



DESIGNED BY AWW

DATE 11/27/37

See Old Stock

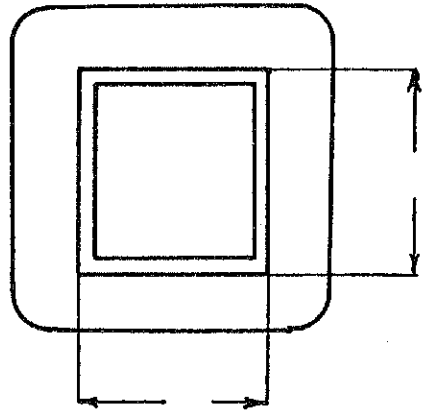
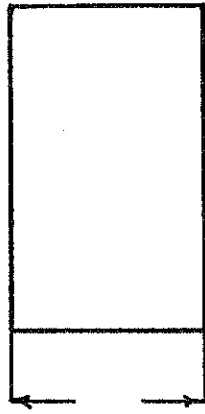
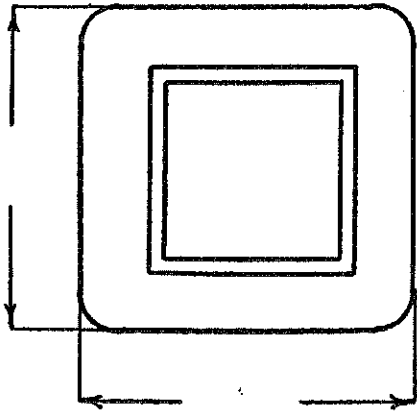
SPEC. NO. S-3915

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| 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

SPEC. NO. 3916

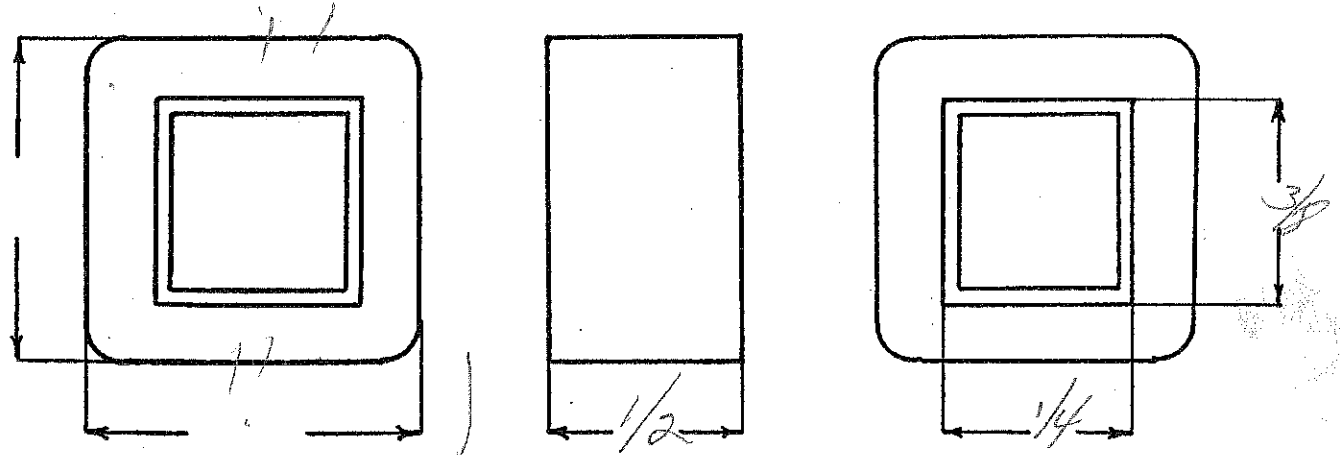
| | | | | | | |
|--------------|------------|------------|--|------------------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 220 | 4000 | | | | |
| Taps | — | | | | | |
| Wind. Lgth. | 3/8 | 3/8 | | | | |
| Wire Size | #34 | #44 | | Sec First - Red | | |
| T. P. L. | 48-5 | 118 | | Sec Last - Black | | |
| Finish | # | | | | | |
| Type Lead | #24 P/B | #12 P/B | | | | |
| Lead Lgth. | 6" | 1" | | | | |
| Layer Insul. | 20# | 12# | | | | |
| Test Volt. | — | — | | | | |
| Wrapper | 1005VC | 1005GA | (wrap 2 layers glassine under wrapper) | | | |

| | | | |
|------|-------|--------------|-----|
| TUBE | 54007 | IMPREGNATION | wax |
|------|-------|--------------|-----|

| | | | | | | | |
|------|-----------|-----|----|-------|--------------------------------|-------|----------|
| CORE | 1/4 x 3/8 | GA. | 24 | GRADE | accept old notes E 24, E 25 | STACK | 1x1 - 24 |
|------|-----------|-----|----|-------|--------------------------------|-------|----------|

MOUNTING n

Lamination to be stacked loosely, then dipped in air dry varnish to coat lamination



DESIGNED BY Gw

DATE 12/8/37

OP 666 to 6-12-24-50-500 ohms
(50000)
Tach. 40 to 10,000 N

SPEC. NO. 3917

| | | | | | | | |
|--------------|-----------------|-----------------|-----|-----------|------|---------|--|
| Winding | SEC | PRI | SEC | 24 | 12 | 0-6 | |
| Turns | 385 | 1800 | 56 | 62 | 62 | | |
| Taps | — | 900 | | 36 | | | |
| Wind. Lgth. | 1 7/16 | 1 7/16 | | | | | |
| Wire Size | #28 | #30 | #23 | #20 | #18 | | Test Pri 125-9007 |
| T. P. L. | 97-4 | 115-16 | | | | | Green-yellow 8.5 Red 13.5 Green 17 Blue |
| Finish | | | | | | | |
| Type Lead | #20 Par B. | | | WIRE ONLY | | | |
| Lead Lgth. | 9" | | | | | | |
| Layer Insul. | 40 # | 40 # | | | 005. | | |
| Test Volt. | 1250 | 2500 | | | | | |
| Wrapper | 40 # 11007VC | 40 # 11007VC | | | | 210053A | |

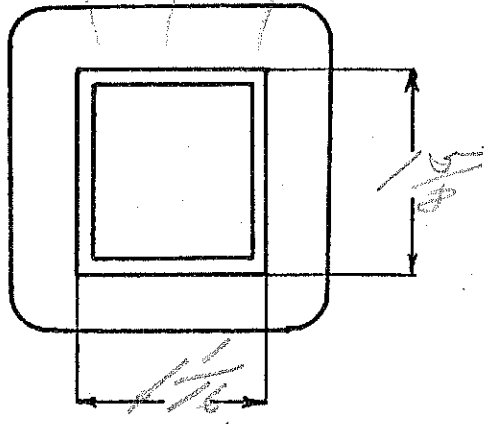
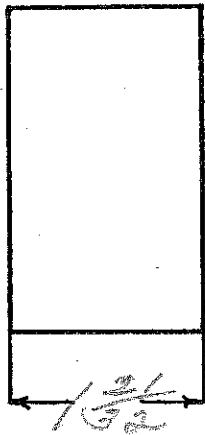
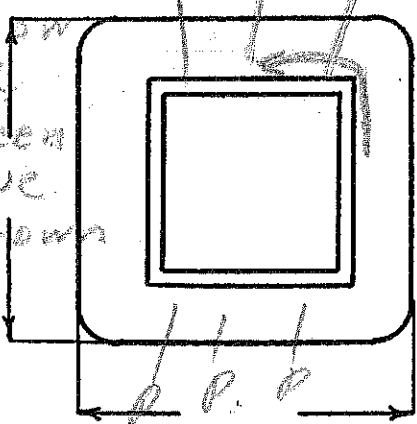
TUBE 7007-11007VC IMPREGNATION VARNISH

CORE 1 1/16 x 1 5/8 GA. 29- GRADE B STACK 2x2

MOUNTING A

end of sec. is common lead
when winding sec. be sure to keep uniform direction of winding

- 0 - Green Trace
- 62 - Yellow
- 12 - Red
- 24 - Green
- 50 - Blue
- 500 - Brown



DESIGNED BY *Guevora*

DATE 11/25/37

250 to 100,000 Ω

connect pri - parallel
Sec - Series

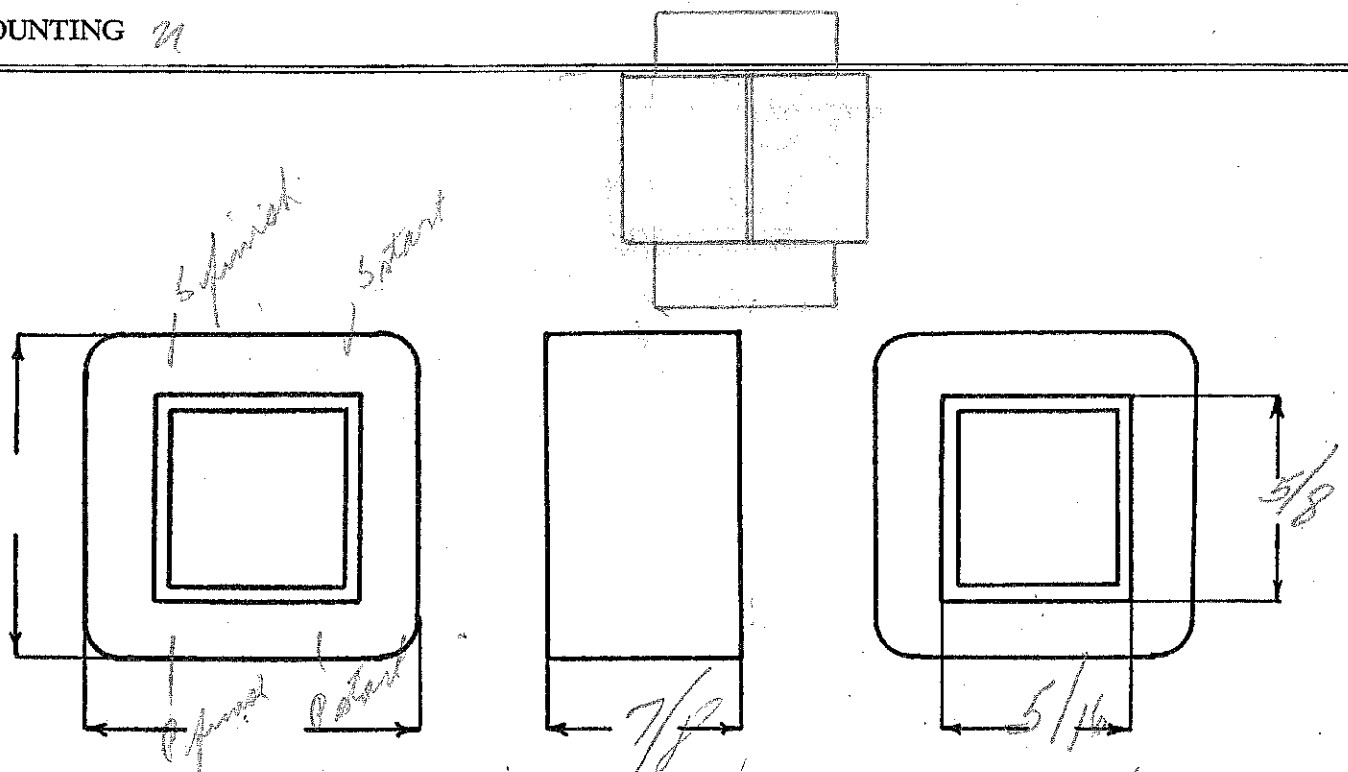
SPEC. NO. 3918
2 coils to be connected in series parallel

| | | | | | | |
|--------------|------------------|--------|--|--|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 4000 | 15 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #41 | #22 | | | | |
| T. P. L. | 230-18 | | | | | |
| Finish | Sil Br | W.O | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 12# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 3L 100 10056A | 10056A | | | | |

TUBE 4007 IMPREGNATION Wax dip laminated

CORE cut 5/8 EI in half GA. 79 GRADE B STACK 1x1

MOUNTING u



DESIGNED BY SW

DATE 12/27/39

.25 Ω to 100,000 Ω Connect pri - parallel
 Sec - series

2 coils to be connected in series - parallel

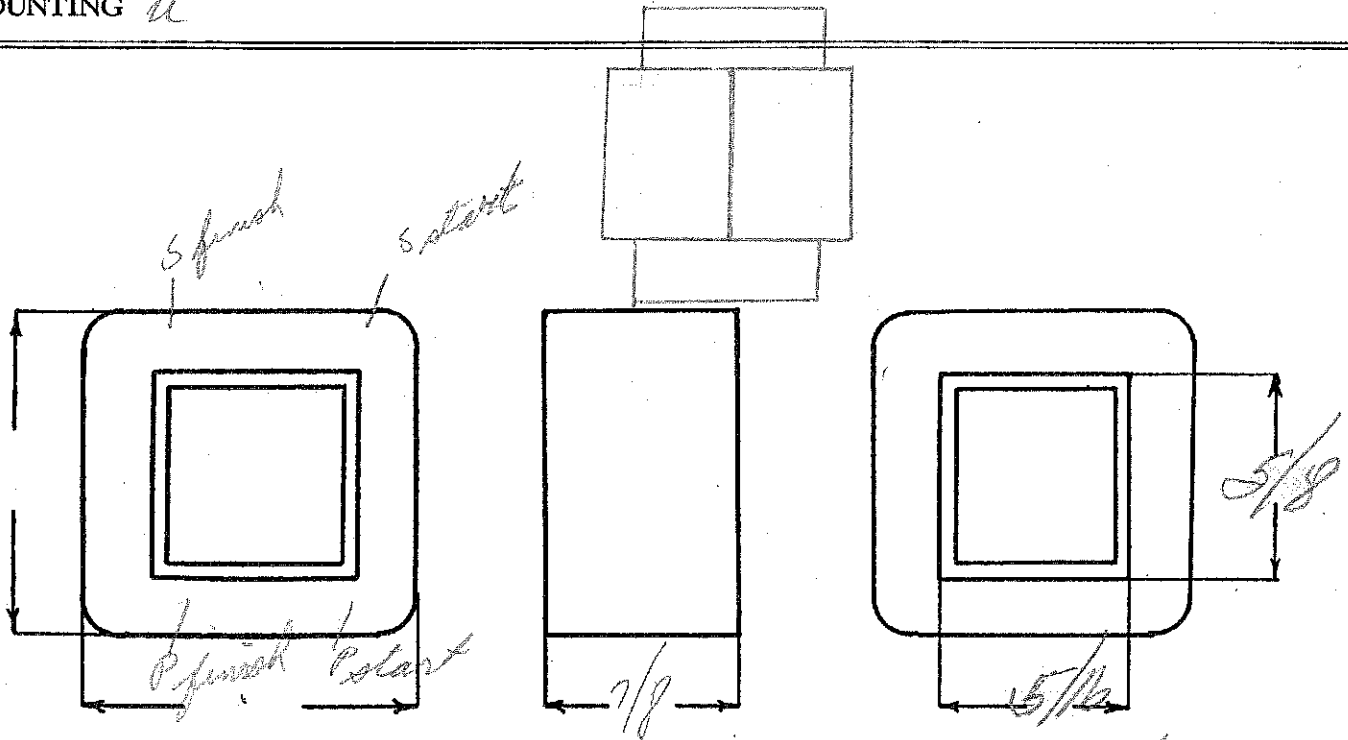
SPEC. NO. 3919

| | | | | | | |
|--------------|------------------|--------|--|--|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 4600 | 17 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #44 | #28 | | | | |
| T. P. L. | 230-20 | | | | | |
| Finish | sil Br | W.O. | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 12H | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 3L 1/2 1005GA | 1005GA | | | | |

TUBE 4007 IMPREGNATION waf dip laminated

CORE $5/8 \times 1/2$ GA. 29 GRADE B STACK 1X1

MOUNTING u



DESIGNED BY *AW*

DATE 12/27/39

5000 to 3500 - 5000 n - 7500 n
modulation transformer

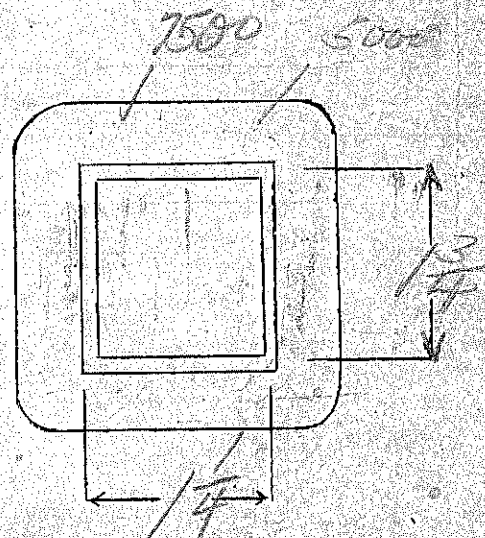
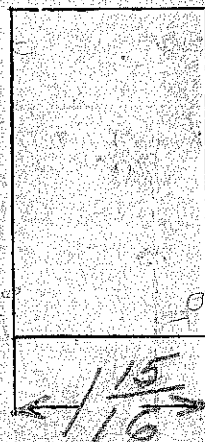
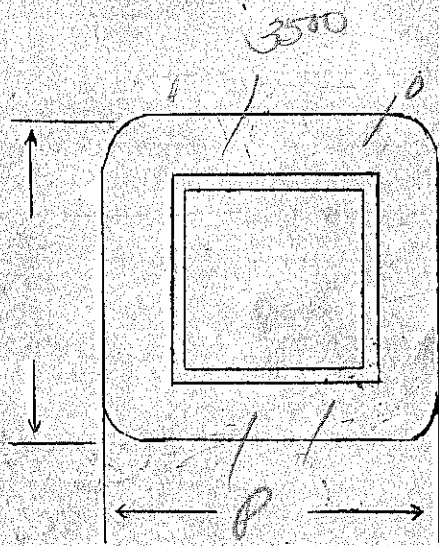
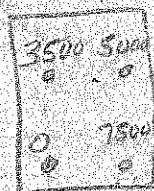
SPEC. NO. S 3920

OLD
STOCK

| | | | | | | |
|--------------|---------|--------------------|--|--|--|--|
| Winding | PR1 | SEC | | | | |
| Turns | 600 | 2450 | | | | |
| Taps | | 1680 - 2000 | | | | |
| Wind. Lgth. | 15/8 | | | | | |
| Wire Size | #25 | #29 | | | | |
| T.P.L. | 77-8 | 113-22 | | | | |
| Kind Term. | | WIRE ONLY | | | | |
| Term. Lgth. | | | | | | |
| Layer Insul. | 50 | double 70H | | | | |
| Test Volt. | 1250 | 5000 | | | | |
| Wrapper | 3L007VC | 2L007VC 2L005EA | | | | |

| | | | |
|----------|-------------------|--------------|---------|
| TUBE | 71007 | IMPREGNATION | VARNISH |
| CORE | - 24/16 - 010 Gap | PRIMARY V.A. | |
| MOUNTING | F | | |

ground leads
into position



DESIGNED BY

Gas

DATE

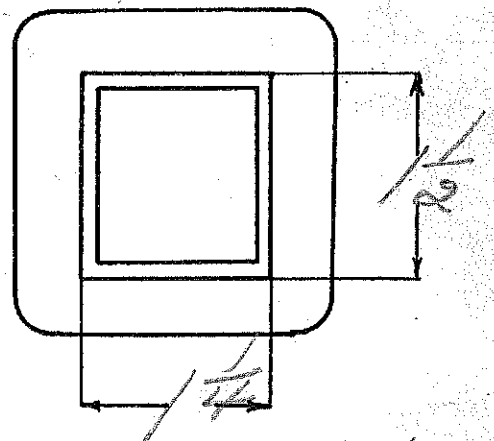
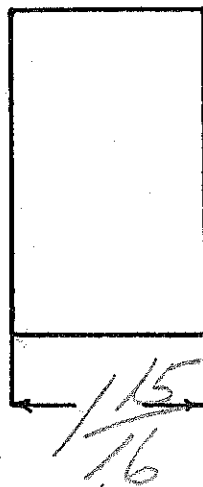
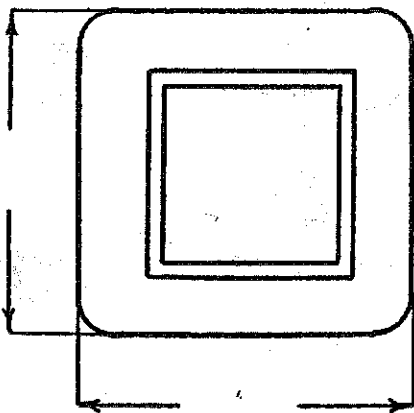
3/7/38

P. 800r P. P - 250H - 5ma max imbalance, r - 400r
 58000r, 6000r, 4000r, 2000r

10 watts audio - 50 N

SPEC. NO. 3922

| | | | | | | |
|--------------|-------------------|--------------------|--------------|------|-----------|--------|
| Winding | PR1 | SEC | | | | |
| Turns | 4500 | 4500 | | | | |
| Taps | 2250 | 2300 - 3200 - 3900 | | | start | blue |
| Wind. Lgth. | 1.75 | | | | 1st | white |
| Wire Size | #32 | #30 | | | 2nd | yellow |
| T. P. L. | 178-26 | ✓ | | | 3rd | green |
| Finish | | | | | Finish | red |
| Type Lead | # 20 P/B | | | | | |
| Lead Lgth. | 9" | | | | Primary - | Black |
| Layer Insul. | 30# 30# | | | | C.T. - | Brown |
| Test Volt. | | | | | | |
| Wrapper | 2407K | 2407GA | | | | |
| TUBE | 7L007 | | IMPREGNATION | | VARNISH | |
| CORE | 1 1/4 x 1 1/2 GA. | 29- | GRADE | Acme | STACK 2x3 | |
| MOUNTING | A | | | | | |



DESIGNED BY

Smear

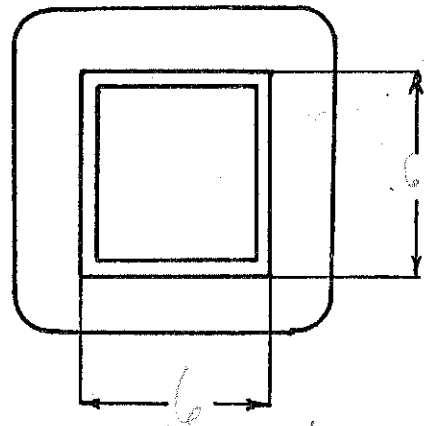
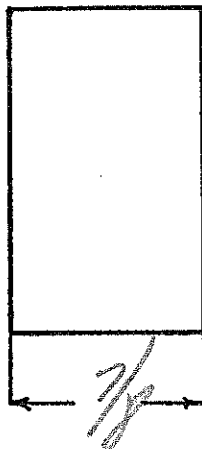
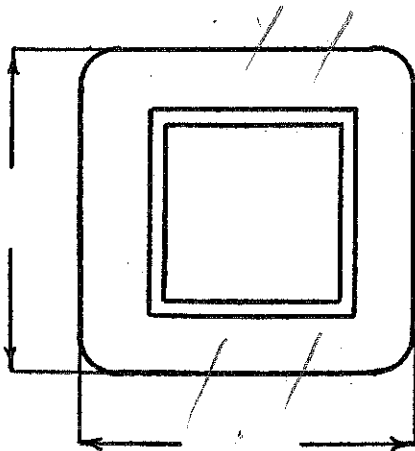
DATE

12/20/37

42 to 500 Ω

SPEC. NO. 3923

| | | | | | | |
|--------------|-----------|---------|--------------|---------|-----|--|
| Winding | PRI | SEC | | | | |
| Turns | 620 | 55 | | | | |
| Taps | | — | | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #30 | #21 | | | | |
| T. P. L. | 62-10 | 3L | | | | |
| Finish | 5 | W.O | | | | |
| Type Lead | Sil Br | | | | | |
| Lead Lgth. | 31" | 31" | | | | |
| Layer Insul. | 30# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2105BA | 21005GA | | | | |
| TUBE | 41007 | | IMPREGNATION | VARNISH | | |
| CORE | 5/8 x 5/8 | GA. 29 | GRADE B | STACK | 2x2 | |
| MOUNTING | D | | | | | |



DESIGNED BY

Sw

DATE

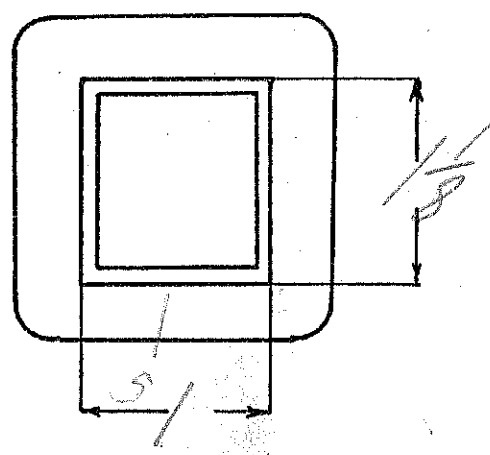
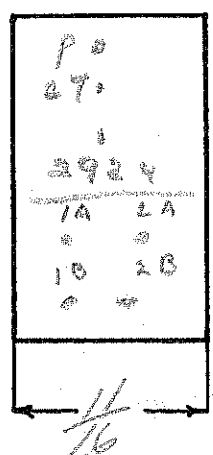
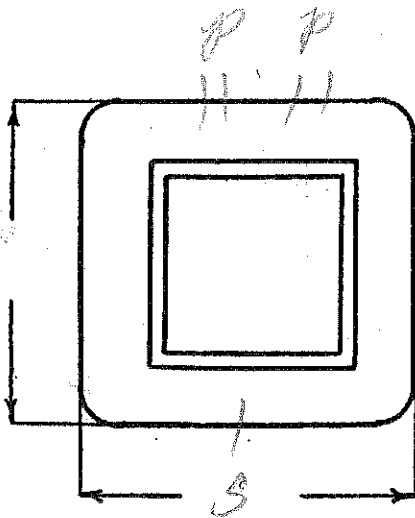
12/27/37

PP6V6 6 2.2

two coils

SPEC. NO. 3924

| | | | | | | | |
|--------------|-------------------|-------------------|--------------------|--------------|---------|-------|-----|
| Winding | P | S | D | shield | | | |
| Turns | 675 | 44 | 675 | 1 | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1/2" | | | | | | |
| Wire Size | #33 | #21 | #33 | shun | | | |
| T. P. L. | 58-12 | 15-3 | 58-12 | | | | |
| Finish | 27 Br | | 27 Br | | | | |
| Type Lead | | | | | | | |
| Lead Lgth. | 6" | 6" | 6" | | | | |
| Layer Insul. | 40# | 50# | 40# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 56-40# 16007UC | 56-40# 16007UC | 706-40# 260056A | 160056A | | | |
| TUBE | 56007 | | | IMPREGNATION | VARNISH | | |
| CORE | 1X1/8 | GA. | 39 | GRADE | A | STACK | 2x2 |
| MOUNTING | E | | | | | | |

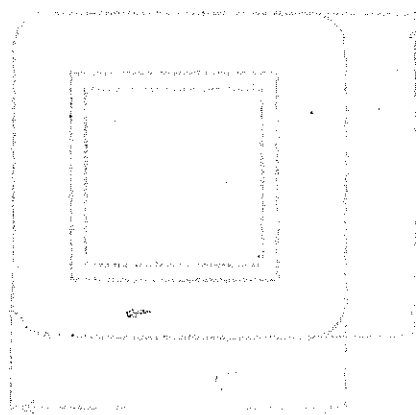
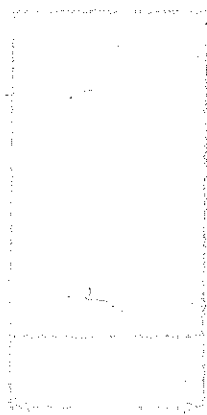
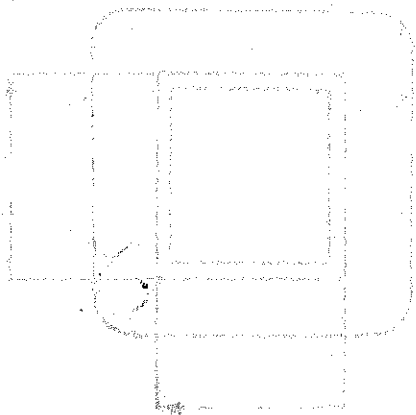
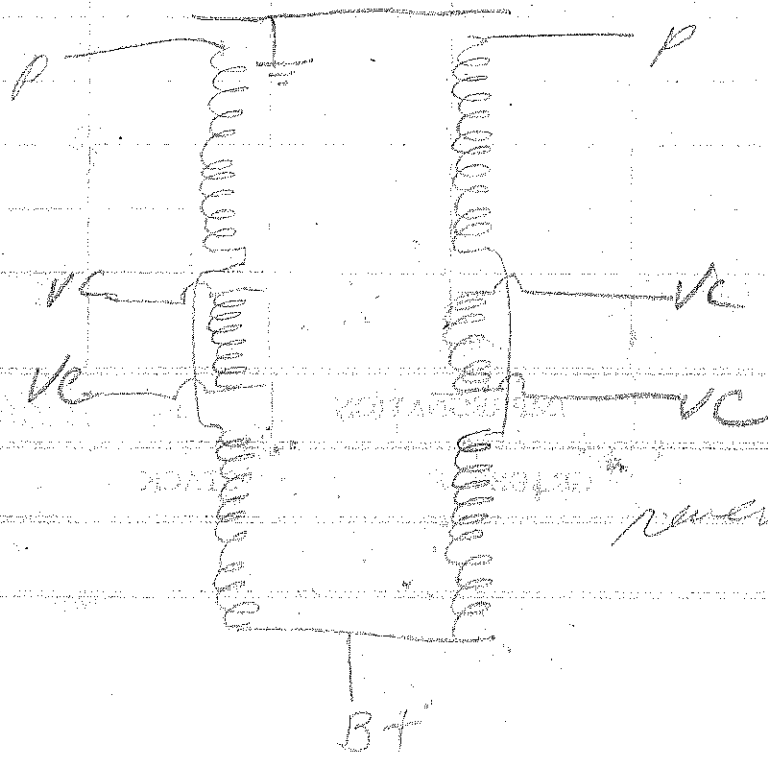


DESIGNED BY *GLW*

DATE 12/27/37

OP
OT
OP

148 200
19 20 8



.75H - .5 ma - 30 Ω

Similar to Thorndarson T8115

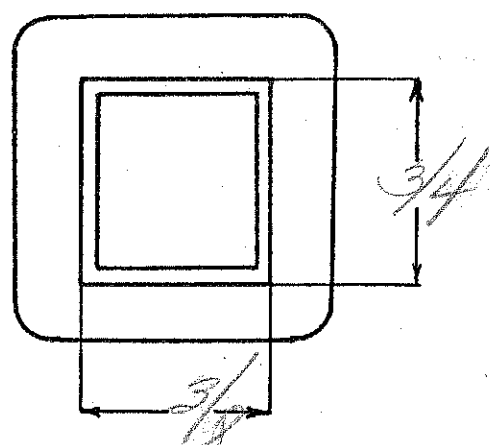
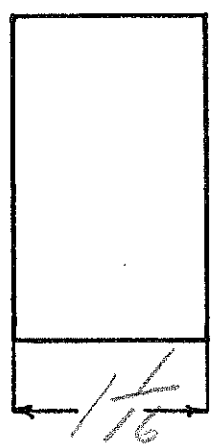
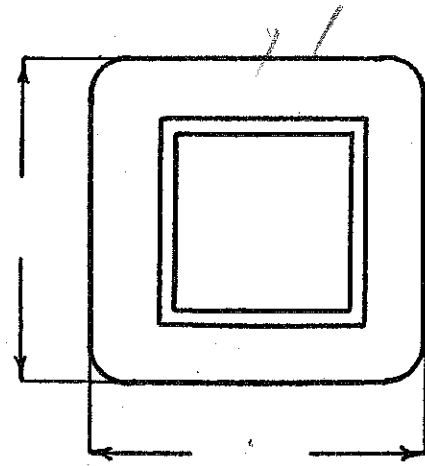
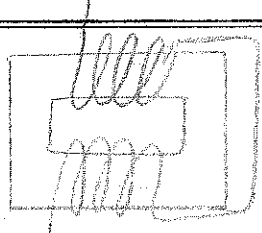
SPEC. NO. 3925

| | | | | | | |
|--------------|-----------|--|--|--|--|--|
| Winding | Two coils | | | | | |
| Turns | 425 | | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | | | | | |
| Wire Size | #30 | | | | | |
| T. P. L. | 72-6 | | | | | |
| Finish | | | | | | |
| Type Lead | #30 | | | | | |
| Lead Lgth. | 6" | | | | | |
| Layer Insul. | 40# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 910053A | | | | | |

| | | | |
|------|-------|--------------|---------|
| TUBE | 46007 | IMPREGNATION | VARNISH |
|------|-------|--------------|---------|

| | | | | | |
|------|---|-------|---|-------|-----|
| CORE | 3/8 x 3/4 - GA. 29 ^{cut in half} | GRADE | A | STACK | 2x2 |
|------|---|-------|---|-------|-----|

MOUNTING none



DESIGNED BY Guldner

DATE 1/4/37

250 H-5 ma - 6400 Ω

Similar to Thorndarson T9320

SPEC. NO. 3926

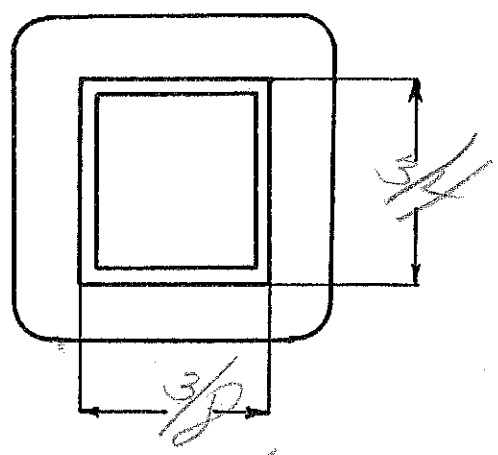
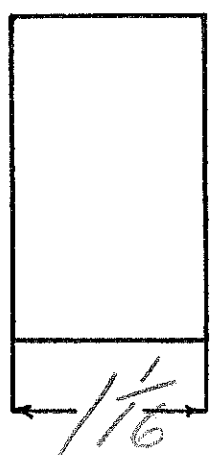
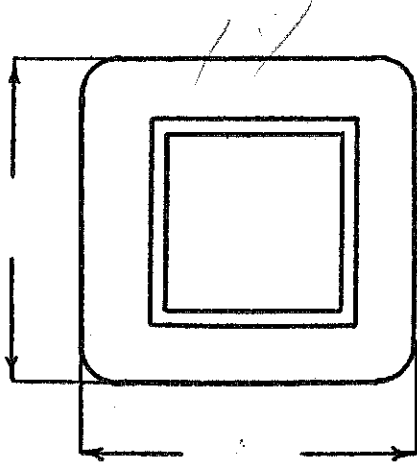
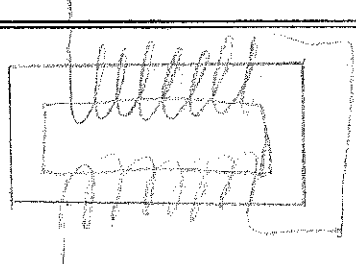
Two coils

| | | | | | | |
|--------------|---------|--|--|--|--|--|
| Winding | | | | | | |
| Turns | 7500 | | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 17/8 | | | | | |
| Wire Size | #41 | | | | | |
| T. P. L. | 260-29 | | | | | |
| Finish | | | | | | |
| Type Lead | #22PK | | | | | |
| Lead Lgth. | 6" | | | | | |
| Layer Insul. | 16# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 21005GA | | | | | |

TUBE 52007 IMPREGNATION WAX

CORE 3/8 x 3/4 GA. 29 GRADE A STACK 2x2

MOUNTING



DESIGNED BY

EW

DATE

1/4/37

impedance ratio $P/S = 2.5$

~~Pr L = 250 H at 7 ma~~

6N7 to 206N7

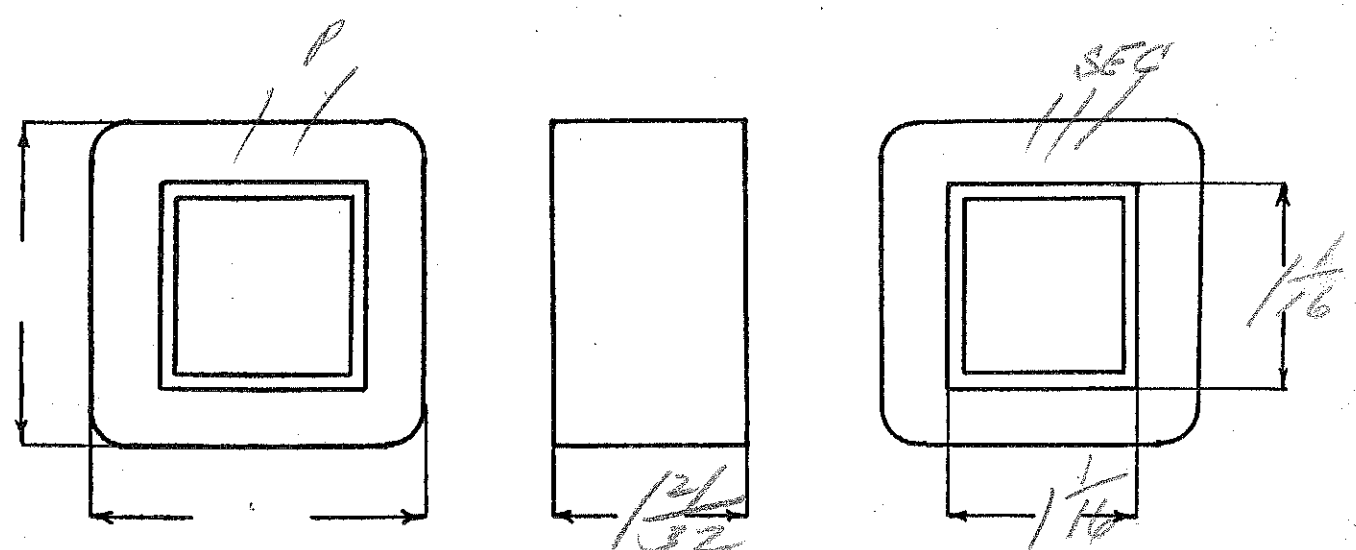
SPEC. NO. 3927

| | | | | | | |
|--------------|-----------------|-----------------|--|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 14000 | 8800 | | | | |
| Taps | — | 4400 | | | | |
| Wind. Lgth. | 1 15/32 | ✓ | | | | |
| Wire Size | #36 | #39 | | | | |
| T. P. L. | 242-58 | 340-26 | | | | |
| Finish | | | | | | |
| Type Lead | #70P or for | | | | | |
| Lead Lgth. | 9" | 9" | | | | |
| Layer Insul. | 20# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 4L 8K 100700 | 4L 8K 100592 | | | | |

TUBE 71007 IMPREGNATION Wax

CORE GA. 29 GRADE General STACK .005

MOUNTING A



DESIGNED BY GW

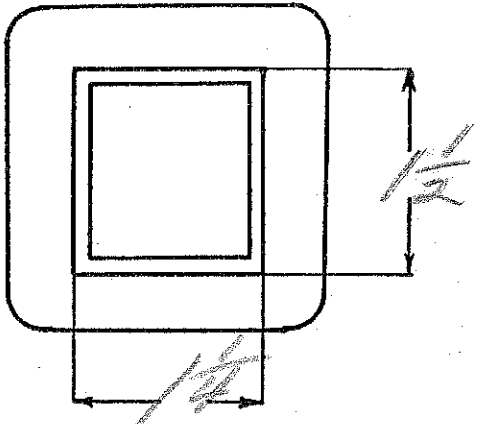
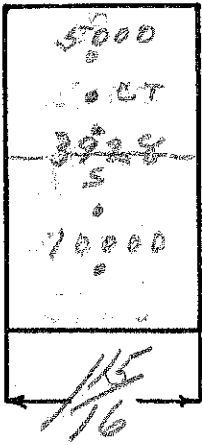
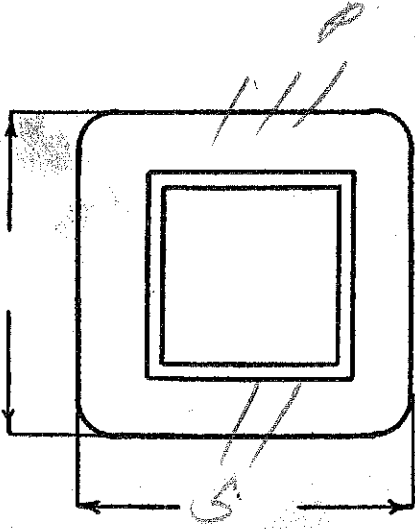
DATE 1/4/38

Pair 6A6 Class B (20 watts) to 10,000 ohms
 see to carry full d.c.

Pri-P-P-5000Ω

SPEC. NO. 3928

| | | | | | | |
|--------------|------------|------------------|--------------|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 2000 | 2400 | | | | |
| Taps | 1000 | — | | | | |
| Wind. Lgth. | 1 1/16 | 1 9/16 | | | | |
| Wire Size | #29 | #29 | | | | |
| T. P. L. | 125-16 | 120-25 | | | | |
| Finish | WIRE ONLY | | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 4" | 4" | | | | |
| Layer Insul. | double 30# | | | | | |
| Test Volt. | | 5000 | | | | |
| Wrapper | 3400W | 2400W 2400FBH | | | | |
| TUBE | 94007 | | IMPREGNATION | | Durable | |
| CORE | 1/4 x 1/2 | GA. 24 | GRADE Dynam | | STACK - including leaves Gap, 0.30 | |
| MOUNTING | F | | | | | |



DESIGNED BY *SW*

DATE 1/4/38

audio

3000 to 97,000 W
-OR-
5000 to 160,000 Hz
17.8/1

A. D. Seall
AMERICAN MICRO. CO.

SPEC. NO. 3929

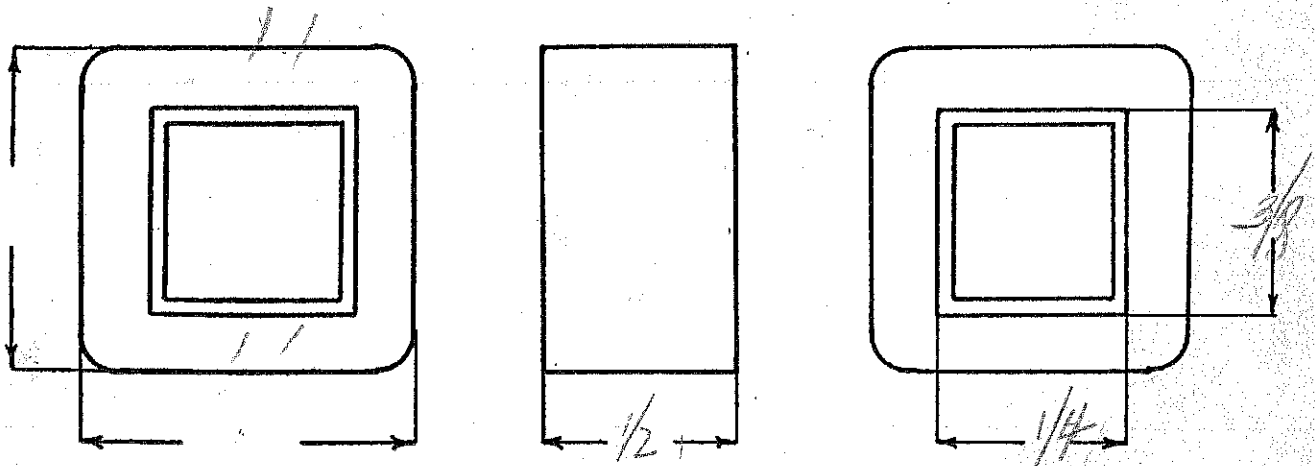
| | | | | | | | |
|--------------|--------|------------|--|--|--|--|--|
| Winding | SEC | PR1 | | | | | |
| Turns | 3750 | 210 | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 3/8 | | | | | | |
| Wire Size | #41 | #34 | | | | | |
| T. P. L. | 118 | 45-5 | | | | | |
| Finish | | | | | | | |
| Type Lead | Sil Br | #24 Ban | | | | | |
| Lead Lgth. | 6" | 6" | | | | | |
| Layer Insul. | 10# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2003VA | 100050A | | | | | |

TUBE 4007 IMPREGNATION way

CORE 1/4 x 3/8 GA. 29 number GRADE STACK

MOUNTING

Lamination to be stacked loosely, then dipped in air dry varnish to coat laminations



DESIGNED BY G.W.

DATE

Single 42 to 2.5 Ω v.c.

SPEC. NO. 3930

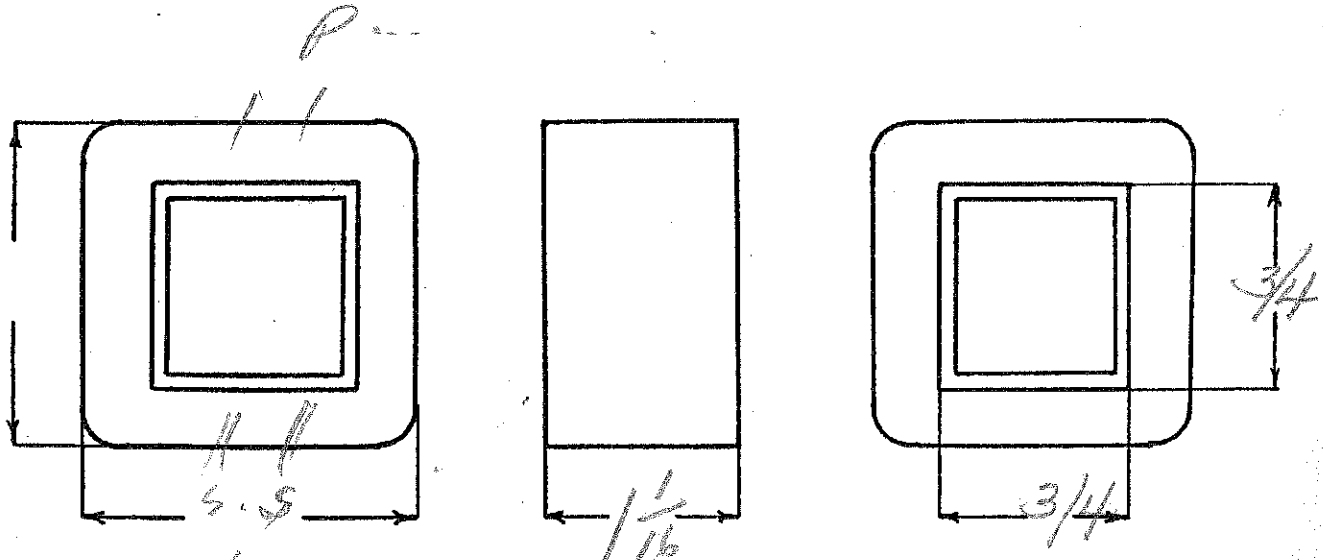
Parallel

| | | | | | | |
|--------------|-----------|------|--------|--|--|--|
| Winding | S | S | P | | | |
| Turns | 62 | 62 | 3300 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | |
| Wire Size | #23 | #23 | 36 | | | |
| T. P. L. | 31-2 | 31-2 | 144-23 | | | |
| Finish | | | | | | |
| Type Lead | WIRE ONLY | | 5/16" | | | |
| Lead Lgth. | 3" | ✓ | ✓ | | | |
| Layer Insul. | 50# | 50# | 30# | | | |
| Test Volt. | | | | | | |
| Wrapper | 1005VC | | 20050A | | | |

TUBE 41007 IMPREGNATION varnish

CORE 3/4 x 3/4 GA. 29 GRADE STACK .003" Gap

MOUNTING D



DESIGNED BY Geo

DATE 2/16/38

connect to - parallel
connect the leads
12 coils

Schirason Bros

SPEC. NO. 3932

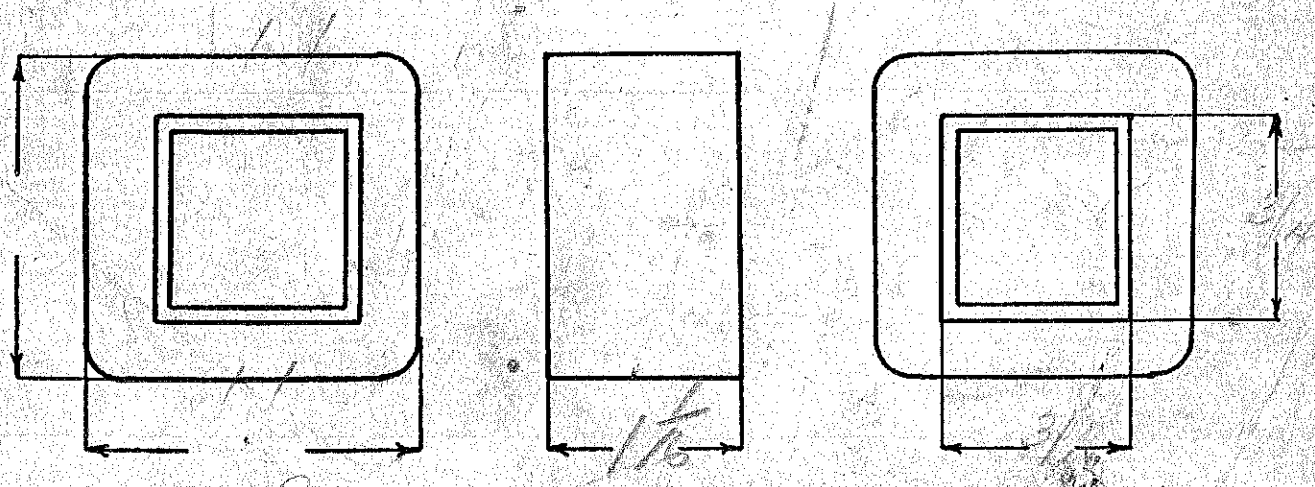
| | | | | | | |
|--------------|---------|--------|--|--|--|--|
| Winding | SEC | PR1 | | | | |
| Turns | 4000 | 6 | | | | |
| Taps | — | — | | | | |
| Wind. Lgth. | 7/8" | 7/8" | | | | |
| Wire Size | #44 | #18 | | | | |
| T. P. L. | 252-16L | 6-16 | | | | |
| Finish | 29% | 29% | | | | |
| Type Lead | SUB | WA | | | | |
| Lead Lgth. | 6" | 3" | | | | |
| Layer Insul. | 12# | — | | | | |
| Test Volt. | | | | | | |
| Wrapper | 1605GA | 1605GA | | | | |

TUBE 5007 IMPREGNATION Wax

CORE 3/4-cut in half GA. 29 GRADE STACK 1X1

MOUNTING W

Wire Net = 0.709" (0.100")



DESIGNED BY *Law*

DATE 11/11/37

ambrosia

SPEC. NO. 3933

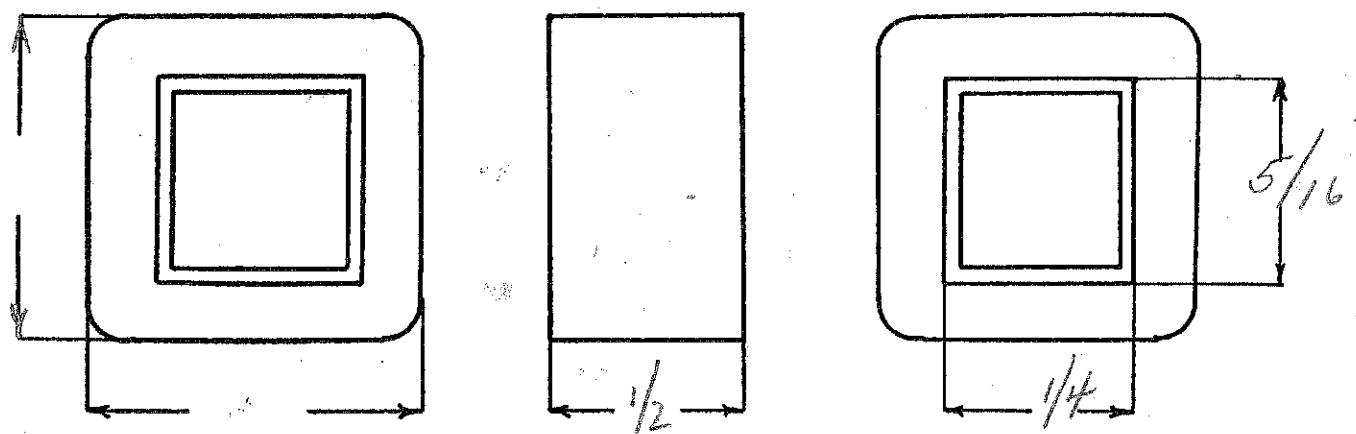
| | | | | | | | |
|--------------|--------|---------|--|--|--|--|--|
| Winding | SEC | PR1 | | | | | |
| Turns | 3750 | 210 | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 3/8 | | | | | | |
| Wire Size | #41 | #34 | | | | | |
| T. P. L. | 118 | 45.5 | | | | | |
| Finish | | | | | | | |
| Type Lead | Sil Br | #24 | | | | | |
| Lead Lgth. | 6" | 6" | | | | | |
| Layer Insul. | 10# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2003VP | 1L005GA | | | | | |

| | | | |
|------|-------|--------------|-----|
| TUBE | 4L007 | IMPREGNATION | Wax |
|------|-------|--------------|-----|

| | | | | | | | |
|------|------------|-----|----|-------|--------------|-------|----------|
| CORE | 1/4 x 5/16 | GA. | 29 | GRADE | elect. metal | STACK | 21 Pairs |
|------|------------|-----|----|-------|--------------|-------|----------|

MOUNTING

sample - do not dip lamination



DESIGNED BY *GW*

DATE *1/17/38*

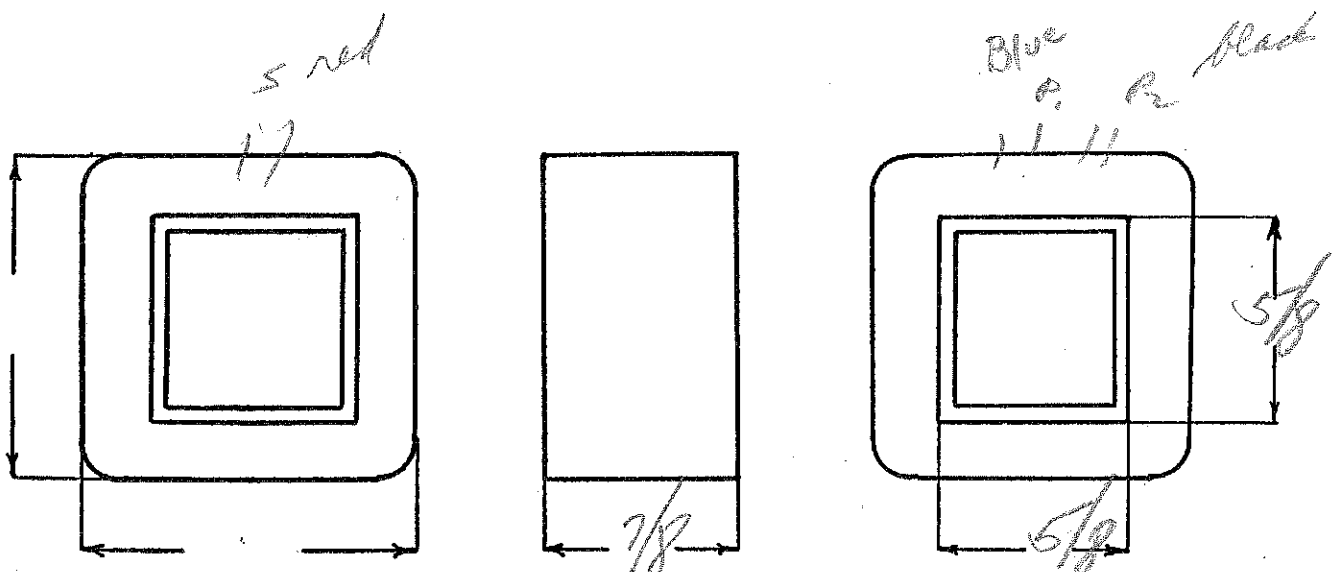
SPEC. NO. 3934

| | | | | | | |
|--------------|--------|---------|-------------------|--|--|--|
| Winding | SEC | PRI, | PR _{1/2} | | | |
| Turns | 7000 | 325 | 40 | | | |
| Taps | - | - | - | | | |
| Wind. Lgth. | .75 | | | | | |
| Wire Size | #41 | #34 | #23 | | | |
| T. P. L. | 232-28 | 100-3 | 2L | | | |
| Finish | | | | | | |
| Type Lead | #22 | collac | | | | |
| Lead Lgth. | 6" | 6" | 6" | | | |
| Layer Insul. | 10# | 20# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2003VP | 21003VP | 1400SEA | | | |

TUBE 41007 IMPREGNATION wax

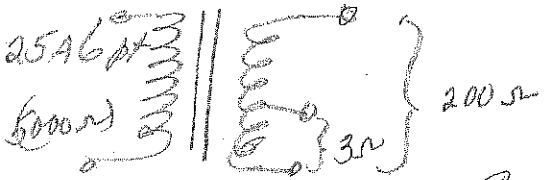
CORE 5/8 x 5/8 GA. 29 GRADE B STACK 2x2

MOUNTING D - vertical



DESIGNED BY EW

DATE 11-7-38



SPEC. NO. 3935

Continuum

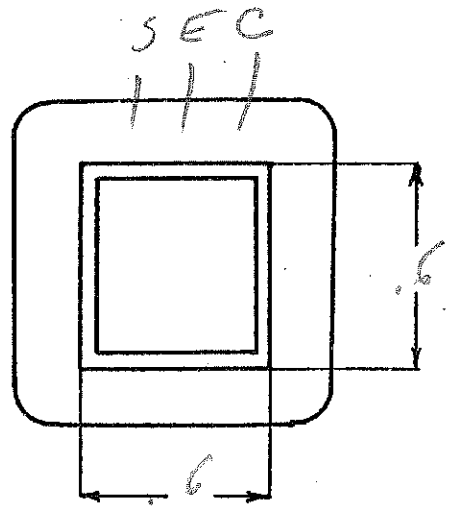
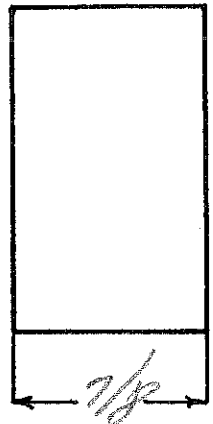
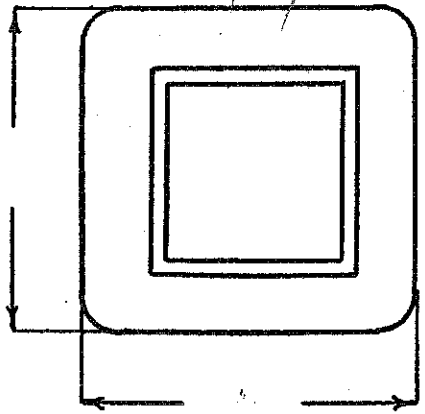
| | | | | | | |
|--------------|--------|-------|--------|---------------------|---------|--------|
| Winding | P. | 5 | 5 | | | |
| Turns | 2000 | 350 | 175 | | | |
| Taps | | | | Pr. - Black | | |
| Wind. Lgth. | 3/4 | | | Sec - common - Blue | | |
| Wire Size | #37 | #31 | #21 | 3Ω | - Red | |
| T. P. L. | 135-15 | 70-5 | 2h | 200Ω | - Green | Tracer |
| Finish | | | | | | |
| Type Lead | #22 | ellac | u.o. | | | |
| Lead Lgth. | 6" | 6" | 6" | | | |
| Layer Insul. | 20# | 30# | 50# | | | |
| Test Volt. | | | | | | |
| Wrapper | 4007K | | 2005BA | | | |

TUBE 4007 IMPREGNATION Varnish

CORE 5/8 x 5/8 GA. 29 GRADE B STACK 005" cap

MOUNTING D - Vertical

Sec. { Start Blue
 Top Red
 finish Green/rose
 Pri Black



DESIGNED BY GW

DATE 1/17/38

500 Watt Universal class B

(For Test over)

WHOLESALE RADIO SERV.

SPEC. NO. 3936

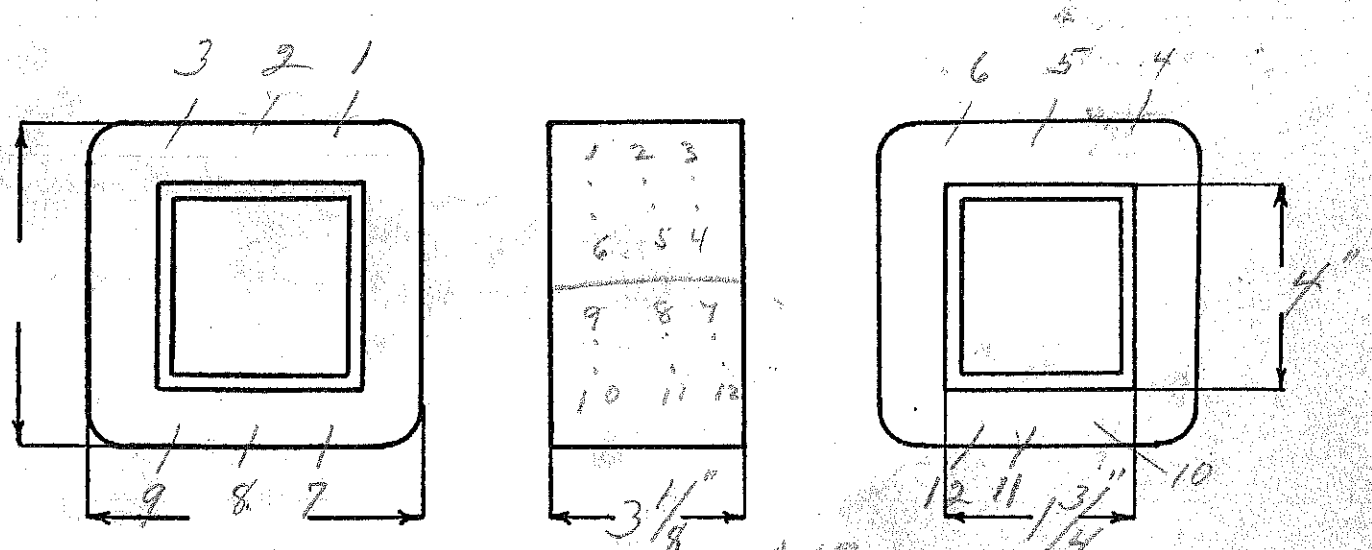
| | | | | | | | |
|--------------|---------------|---------|---------|--------------------|--|--|--|
| Winding | #1 | #2 | #3 | #4 | | | |
| Turns | ④ 910 | ⑩ 1020 | ② 1020 | ⑥ 910 | | | |
| Taps | ② 405 | ⑥ 714 | ⑩ 306 | ④ 505 | | | |
| Wind. Lgth. | 2 1/8 | | | | | | |
| Wire Size | #25 | #25 | #25 | #25 | | | |
| T. P. L. | 102-9 | ✓ | ✓ | ✓ | | | |
| Finish | | | | | | | |
| Type Lead | Wire Only | | | | | | |
| Lead Lgth. | 6" | ✓ | ✓ | ✓ | | | |
| Layer Insul. | Double 40# | | | | | | |
| Test Volt. | 7500 | | | | | | |
| Wrapper | 4L007VC | 4L007VC | 4L007VC | 3L007VC 3L005GA | | | |

TUBE 10L007+2L007VC IMPREGNATION Varnish (Lam.)

CORE 1 3/4 x 4 GA. 24 GRADE D STACK, 030 Spf

MOUNTING ✓

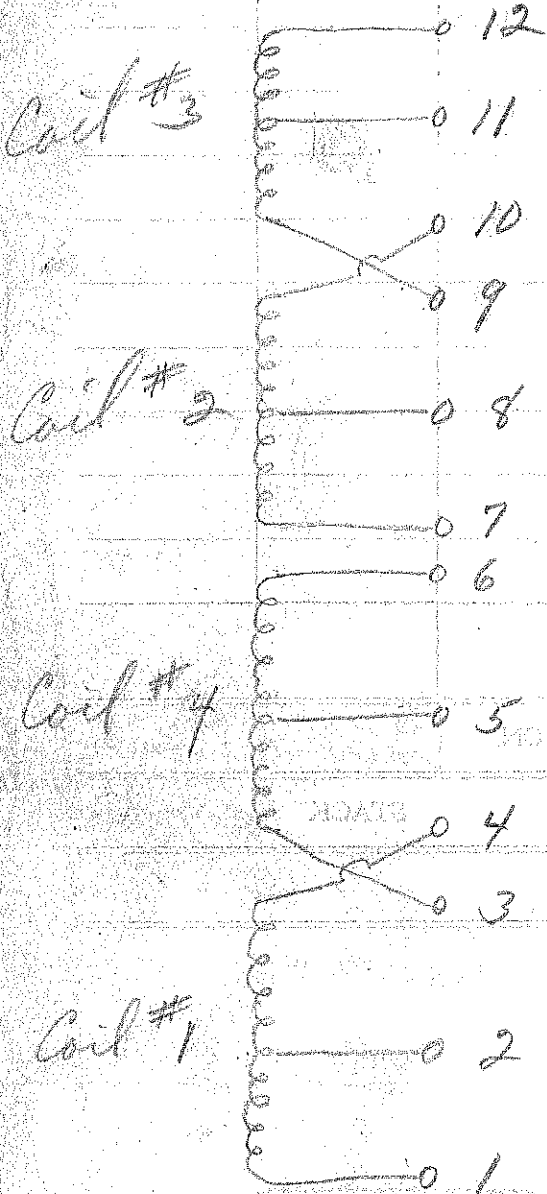
Spiral leads #8412



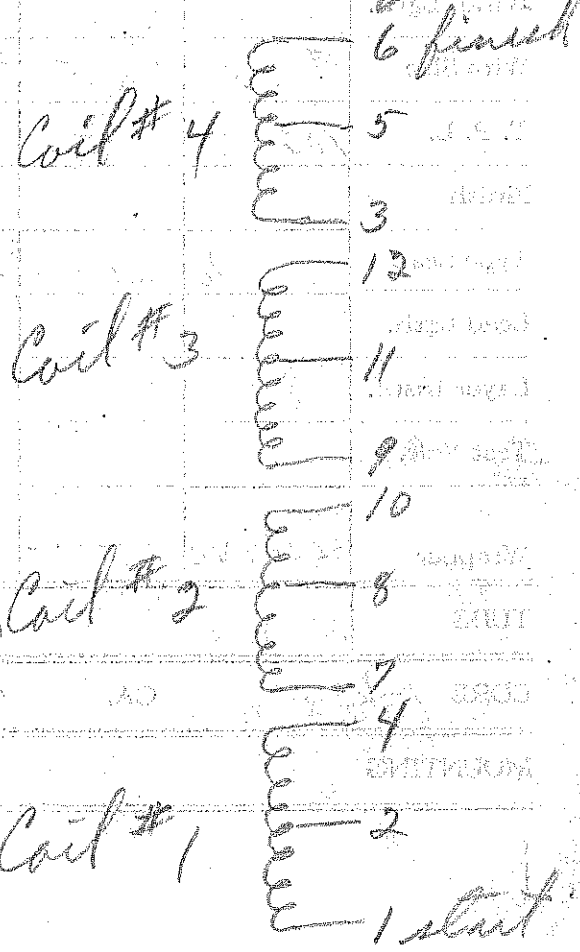
DESIGNED BY

can size 5x5 1/2 x 8
Metal stamp pour in resin / 24/38 DATE

Terminal Connections

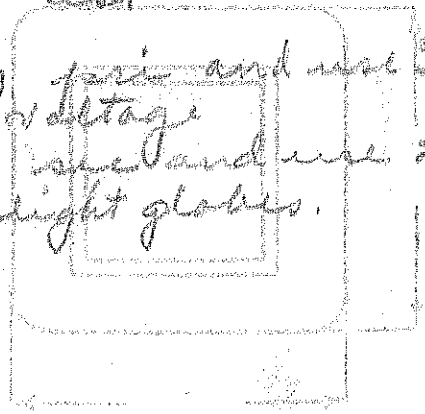


Actual winding



Load Test

Series pair and use 3402
 for pre voltage
 Series use and use 20
 60 watt light globes.



6N7 Plate to grid

Pril - 250H - Twa
(E.E. Seminars)

OK

SPEC. NO. 3937

| | | | | | | | |
|--------------|------------------|--------------------|---------|--------|--|--|--|
| Winding | 15 | p | 5 | | | | |
| Turns | 4000 | 12,800 | 4000 | | | | |
| Taps | — | — | — | | | | |
| Wind. Lgth. | 1.15/32 | 1.15/32 | 1.15/32 | 1.468" | | | |
| Wire Size | #39 | #36 | #39 | | | | |
| T. P. L. | 340-12 | 242- ³⁶ | 340-12 | | | | |
| Finish | 90% #20 Par B | 90% #20 Par B | 90% | | | | |
| Type Lead | | | | | | | |
| Lead Lgth. | 911 | ✓ | ✓ | | | | |
| Layer Insul. | 20# | ✓ | ✓ | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 10L18 210031P | 10L18 210031P | 210056A | | | | |

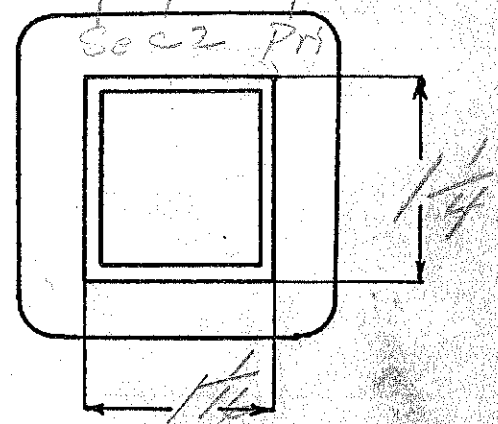
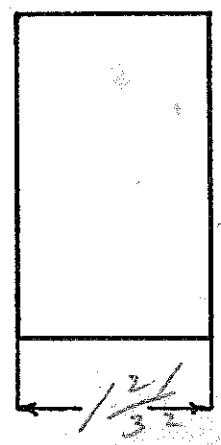
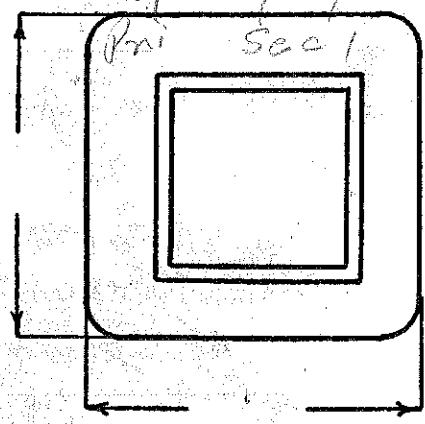
TUBE 71007 IMPREGNATION waf

CORE 1/16" X 1/4" GA. 29 GRADE A-anneco STACK 005-100

MOUNTING A

Wire Net = 0.478" (0.463")

all leads
Sec Starts - Red
Finish - Blue



DESIGNED BY [Signature]

DATE 1/19/37

P. 8000 Ω P.P. - 2500 - 5 m μ unbalanced ^{call. inst. of 1 sch.} (E.E. Lemmons)

S - 2000 Ω - 10 watts audio DR

SPEC. NO. 3938

| | | | | | | | |
|--------------|------------|--------|-----------|--|--|--|--|
| Winding | P | S | | | | | |
| Turns | 2250 | 1200 | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 11/16 | 11/16 | = 0.6875" | | | | |
| Wire Size | #32 | #32 | | | | | |
| T. P. L. | 72-32 | 72-17 | | | | | |
| Finish | 90% | 90% | | | | | |
| Type Lead | #10 Pan Br | | | | | | |
| Lead Lgth. | 9" | 9" | | | | | |
| Layer Insul. | 30H | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2607WC | 2607GA | | | | | |

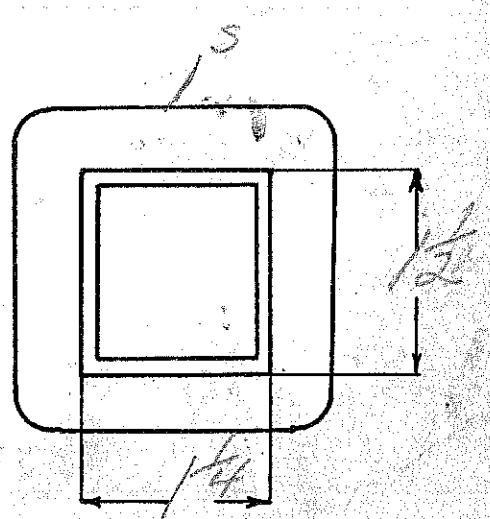
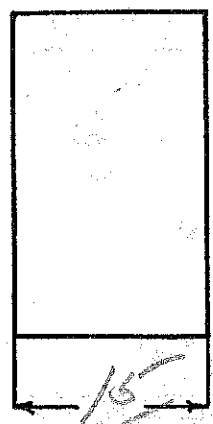
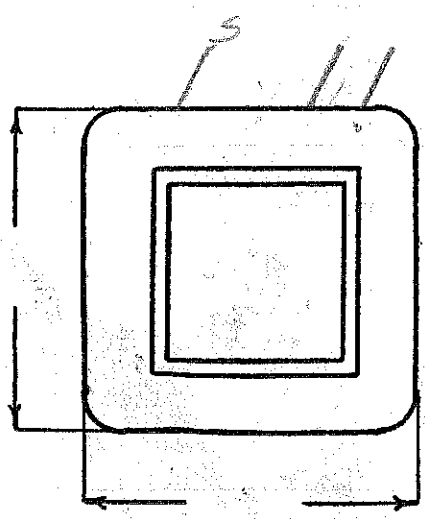
TUBE 9007 IMPREGNATION Varnish

CORE GA. 29 GRADE A STACK 2x2

MOUNTING A-1 Note: Two coils/unit.

Wire Net = 0.555" \times 4.95"

(Cover)



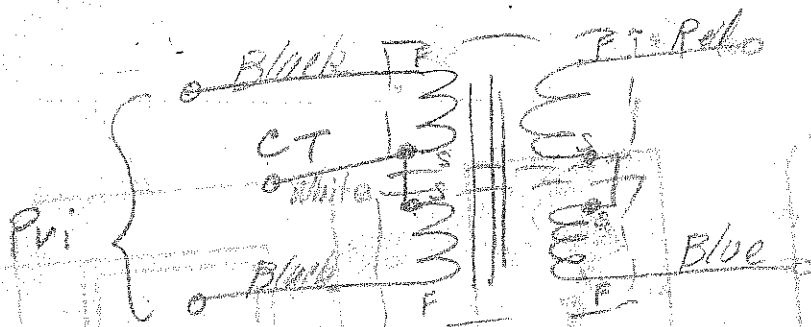
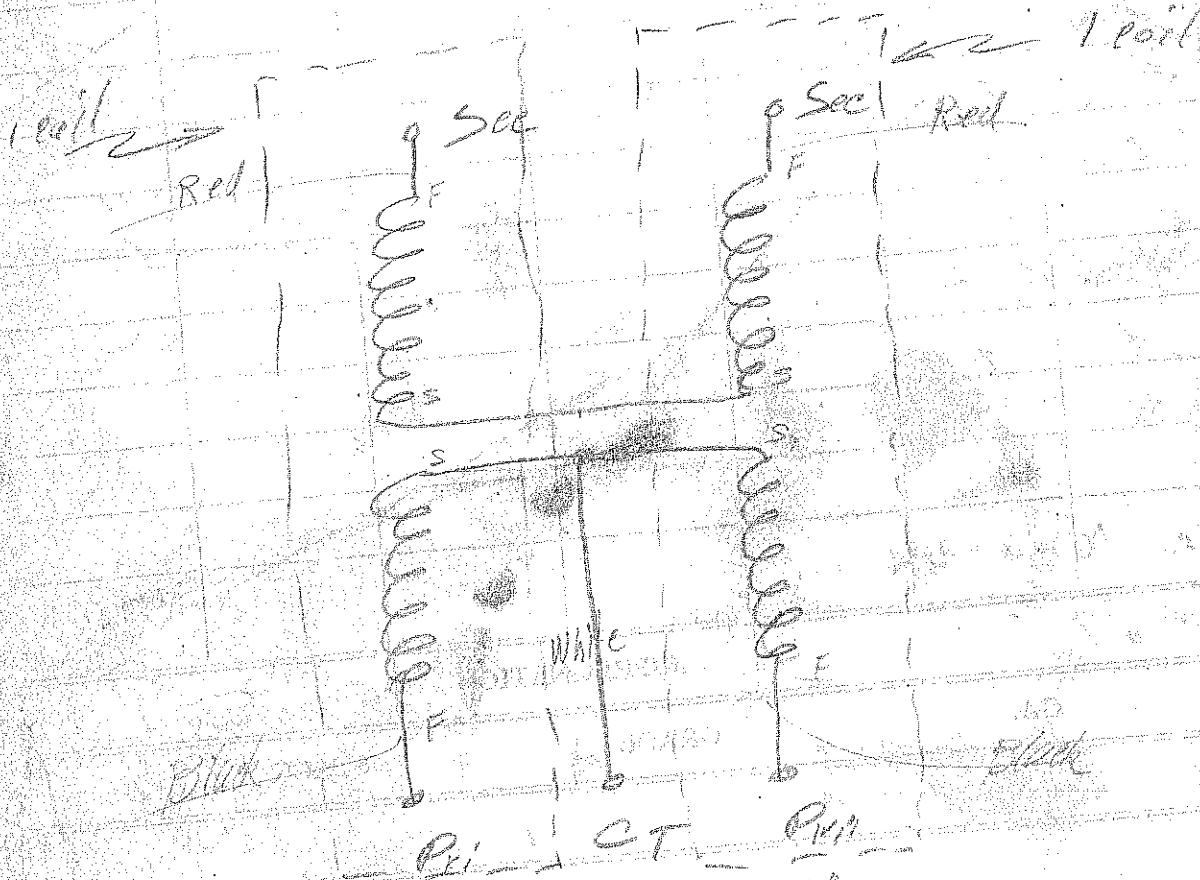
DESIGNED BY Yud

16
over

DATE 1/19/37

Stackers

Mount reverse polarity



SPEC. NO. 3939

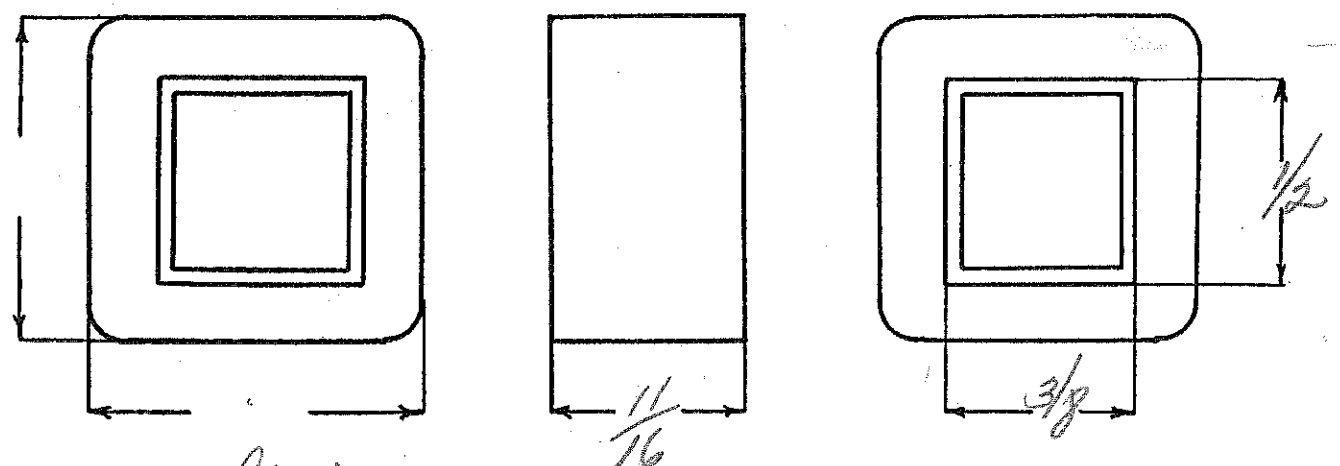
| | | | | | | | |
|--------------|--------------|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | 5200 | | | | | | |
| Taps | 2600 | | | | | | |
| Wind. Lgth. | 9/16 | | | | | | |
| Wire Size | #41 | | | | | | |
| T. P. L. | 175-30 | | | | | | |
| Finish | | | | | | | |
| Type Lead | #24 Stranded | | | | | | |
| Lead Lgth. | | | | | | | |
| Layer Insul. | 10 # | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 21005GA | | | | | | |

TUBE 4007 IMPREGNATION Wax

CORE 3/8 x 1/2 GA. 29 GRADE metal STACK 2x2

MOUNTING

32 Pieces



DESIGNED BY GW

DATE

audio Co.

PIERSON - DELAWARE

SPEC. NO. 3940

4 ribs

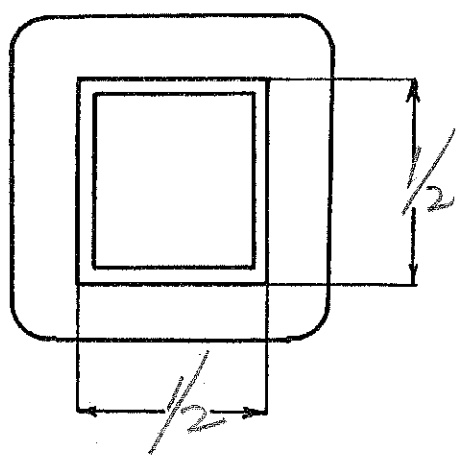
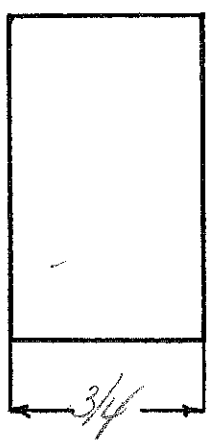
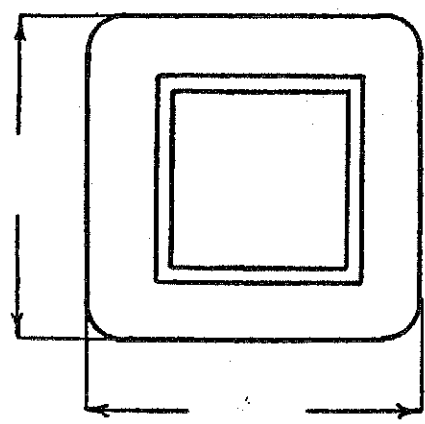
| | | | | | | | |
|--------------|---------------|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | <u>10000</u> | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | <u>5/8</u> | | | | | | |
| Wire Size | <u>#41</u> | | | | | | |
| T. P. L. | <u>200</u> | | | | | | |
| Finish | | | | | | | |
| Type Lead | <u>sil Bc</u> | | | | | | |
| Lead Lgth. | <u>6"</u> | | | | | | |
| Layer Insul. | <u>10 #</u> | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | <u>10055A</u> | | | | | | |

| | | | |
|------|--------------|--------------|------------|
| TUBE | <u>41007</u> | IMPREGNATION | <u>waf</u> |
|------|--------------|--------------|------------|

| | | | | | |
|------|------------------------------|-------|--------------------------|-------|------------|
| CORE | <u>1/2 x 1/2 - L7 GA. 29</u> | GRADE | <u>alloy steel metal</u> | STACK | <u>2x2</u> |
|------|------------------------------|-------|--------------------------|-------|------------|

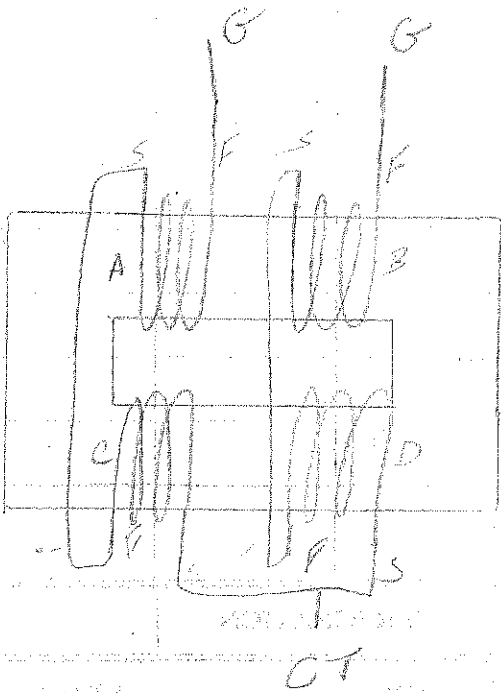
MOUNTING

over

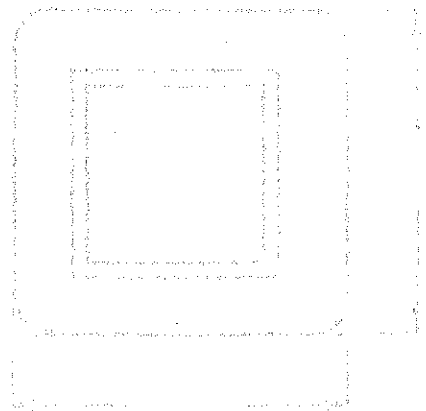
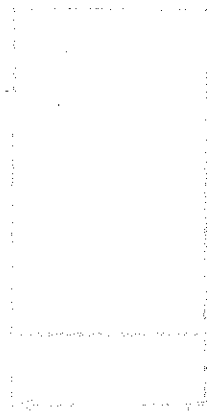
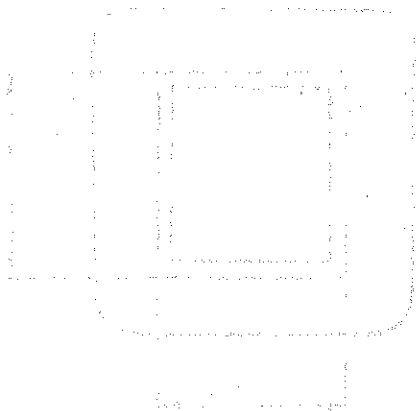


DESIGNED BY

DATE



coils B & D reverse assembly



50 to grid

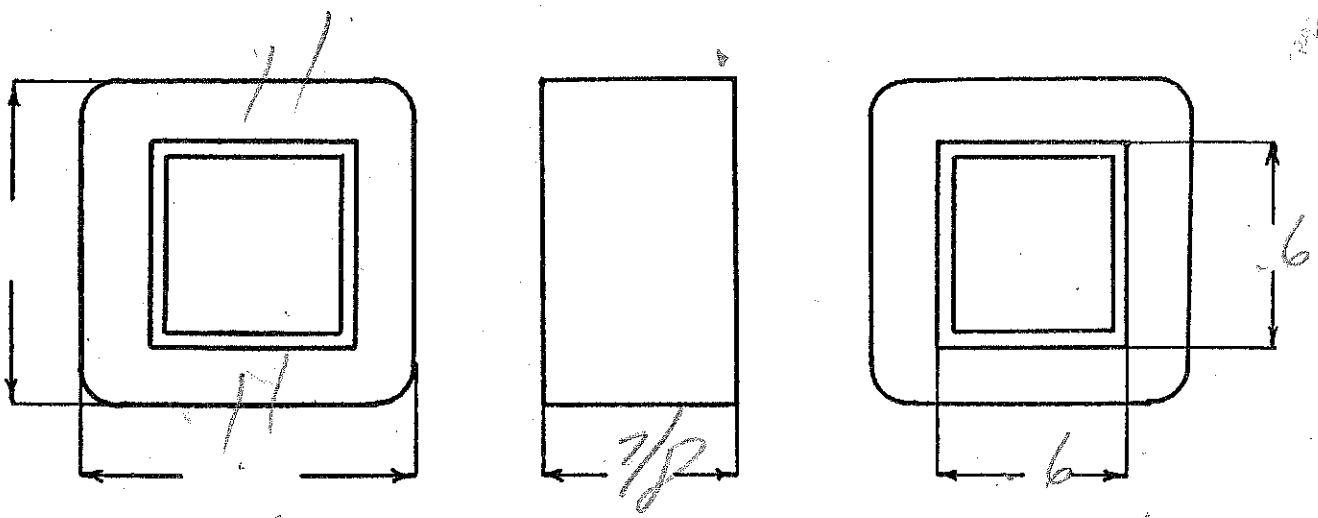
SPEC. NO. 3944

| | | | | | | |
|--------------|---------|--|----------|--|--|--|
| Winding | SEC | | PR1 | | | |
| Turns | 7600 | | 54 | | | |
| Taps | - | | - | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #40 | | #23 | | | |
| T. P. L. | 190 | | 29 | | | |
| Finish | #24 | | #20 | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 6" | | 6" | | | |
| Layer Insul. | 12# | | 12.005GA | | | |
| Test Volt. | | | | | | |
| Wrapper | 11005VA | | 11005EA | | | |

TUBE 52007 IMPREGNATION waf

CORE 5/8 x 5/8 GA. 29 GRADE B STACK 2x2

MOUNTING D - leads



DESIGNED BY gw

DATE 1/24/28

Two coils

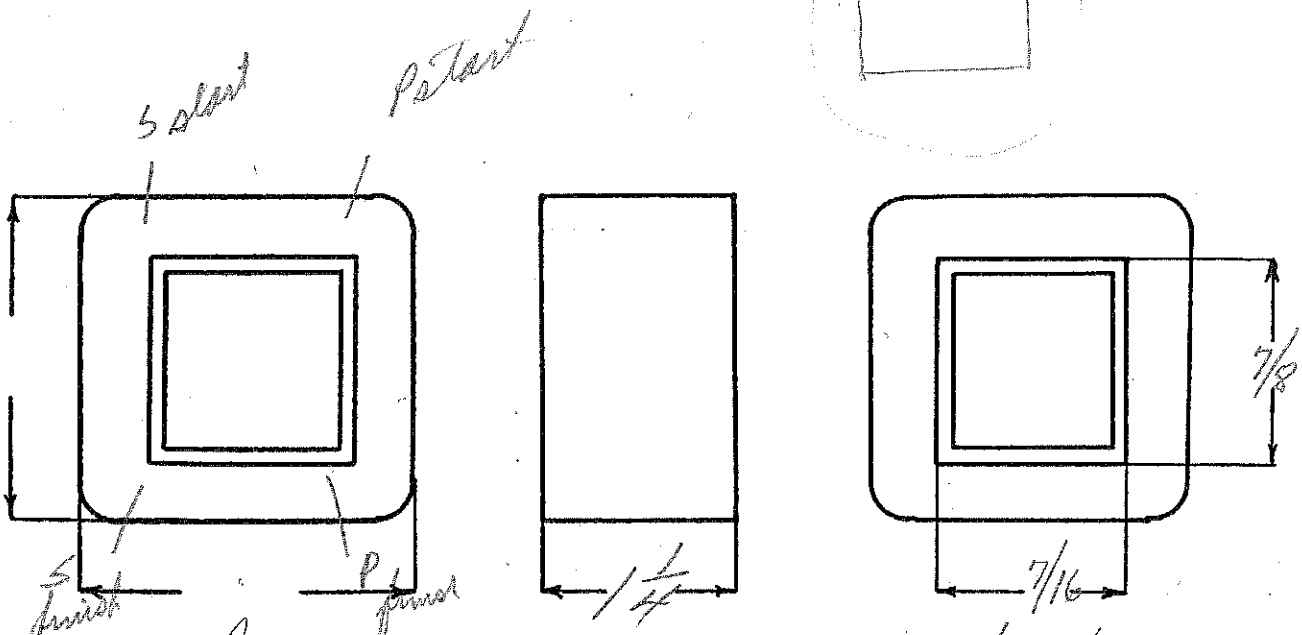
SPEC. NO. 3942

| | | | | | | |
|--------------|-----------|--------------------|--|--|--|--|
| Winding | P | S | | | | |
| Turns | 10000 | 10000 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1 1/16 | | | | | |
| Wire Size | #40 | #40 | | | | |
| T. P. L. | 280-36 | 280-36 | | | | |
| Finish | | | | | | |
| Type Lead | sil braid | | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 20# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 12L Wr. | 11003VP 11005GA | | | | |

TUBE 7007+11003VP IMPREGNATION way

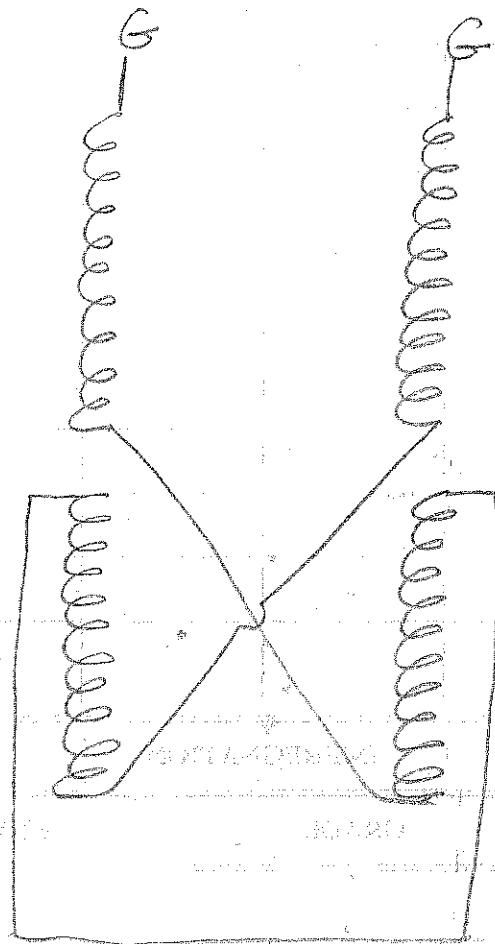
CORE 7/8 x 7/8 GA. 29 GRADE A STACK 2x2

MOUNTING special bracket

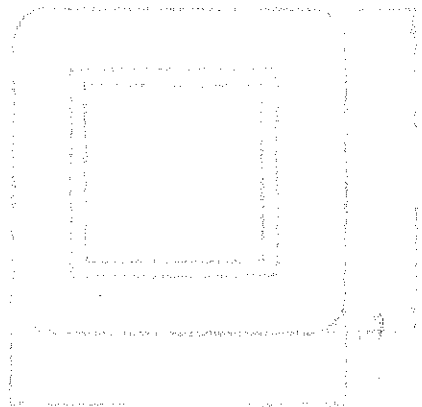
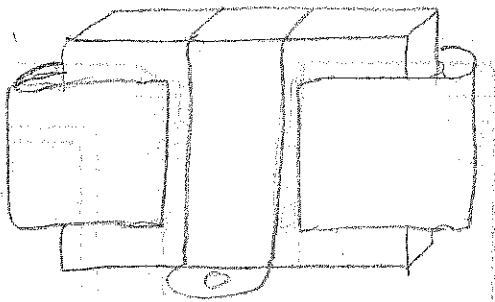


DESIGNED BY GWW

DATE 1/24/38



CT



6B5 to 52Vc

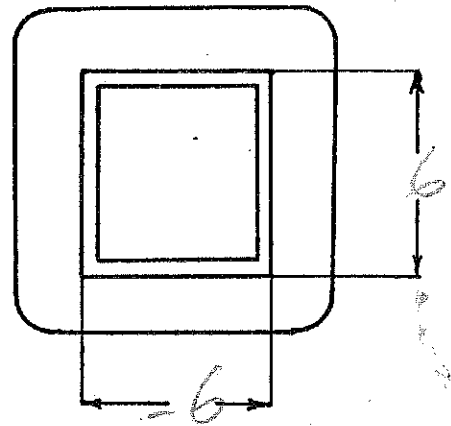
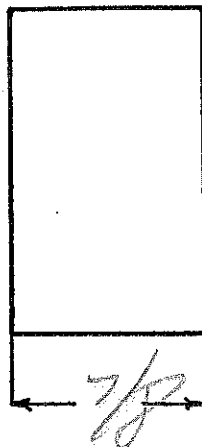
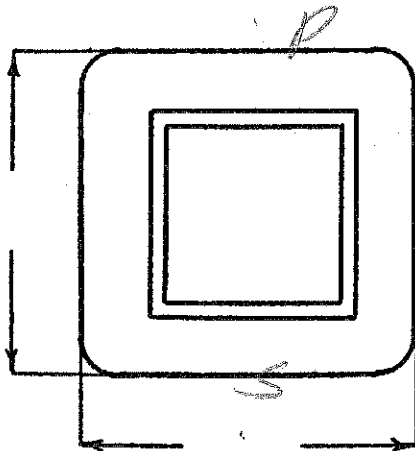
SPEC. NO. 3943

| | | | | | | |
|--------------|------------|------------|--|--|--|--|
| Winding | P | S | | | | |
| Turns | 2400 | 64 | | | | |
| Taps | | - | | | | |
| Wind. Lgth. | 3/4 | 3/4 | | | | |
| Wire Size | #37 | #21 | | | | |
| T. P. L. | 137-18 | 23-3 | | | | |
| Finish | | | | | | |
| Type Lead | #20 PBr | #20 PBr | | | | |
| Lead Lgth. | 14" | 14" | | | | |
| Layer Insul. | 20# | 11005GA | | | | |
| Test Volt. | | | | | | |
| Wrapper | 21005GA | 21005GA | | | | |

TUBE 51007 IMPREGNATION varnish

CORE 5/8 x 5/8 GA. 29 GRADE B STACK 005 gap

MOUNTING D - leads



DESIGNED BY *Stu*

DATE 1/24/28

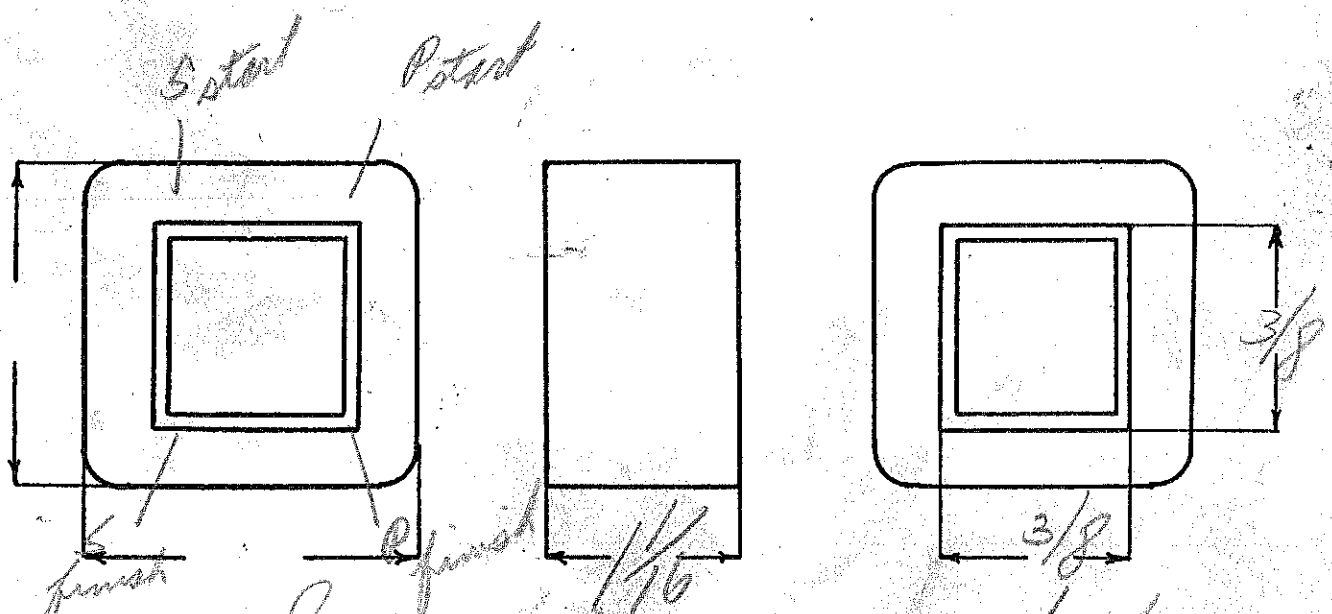
PO audio input

PIERSON
DELAWE

SEC. NO. 3944

wound two coils

| | | | | | | |
|--------------|------------------|---------|--------------|-------------------|--|--|
| Winding | D | S | | | | |
| Turns | 7400 | 7400 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | |
| Wire Size | #40 | #40 | | | | |
| T. P. L. | 232-32 | ✓ | | | | |
| Finish | | | | | | |
| Type Lead | sil Braid | | | | | |
| Lead Lgth. | 5 in. | | | | | |
| Layer Insul. | 16# | 16# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 21003VP | 21005BA | | | | |
| TUBE | 46007 + 16003VP | | IMPREGNATION | wax | | |
| CORE | E175 | GA. 020 | GRADE | mumetal STACK 151 | | |
| MOUNTING | special brackets | | | | | |

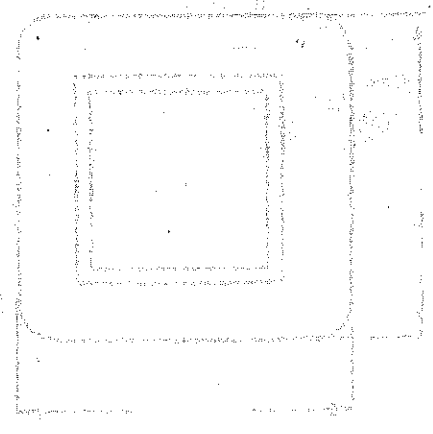
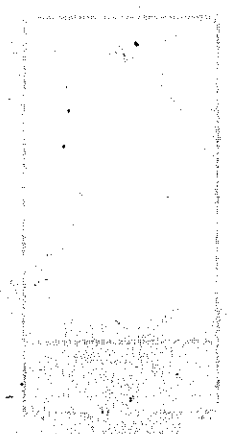
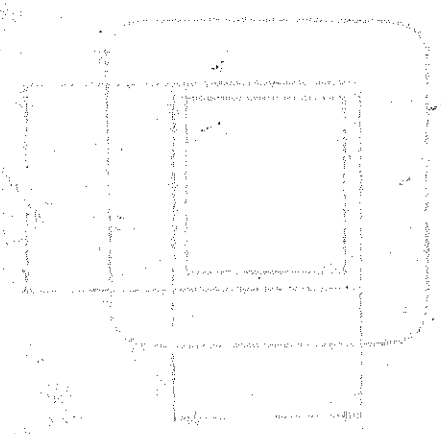
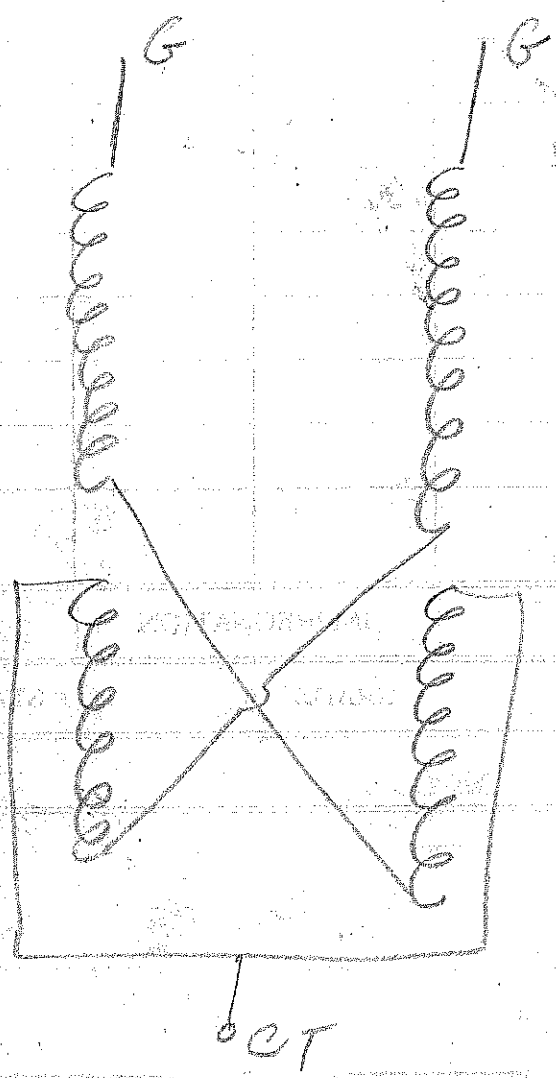
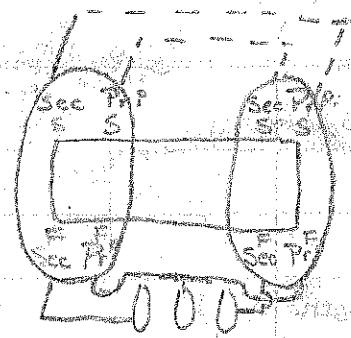


DESIGNED BY

Jim

DATE

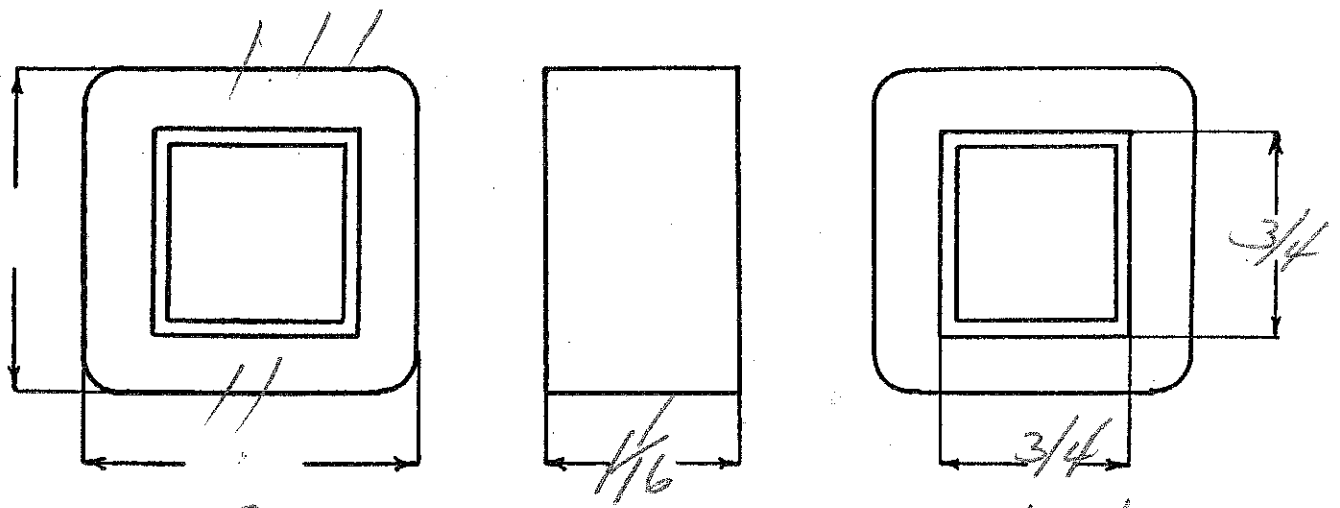
1/26/37



2000 Ω to ground

SPEC. NO. 3945

| | | | | | | | |
|--------------|-----------|--------|--------------|--|-------|-----|--|
| Winding | S | P | | | | | |
| Turns | 10000 | 1250 | | | | | |
| Taps | 5000 | — | | | | | |
| Wind. Lgth. | 7/8 | — | | | | | |
| Wire Size | #40 | #34 | | | | | |
| T. P. L. | 240 | 115-12 | | | | | |
| Finish | | | | | | | |
| Type Lead | Sil Braid | | | | | | |
| Lead Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 12# | 20# | | | | | |
| Test Volt. | — | | | | | | |
| Wrapper | 1005VA | 1005BA | | | | | |
| TUBE | 7607 | | IMPREGNATION | | wax | | |
| CORE | 3/4 | GA. 29 | GRADE B | | STACK | 2x2 | |
| MOUNTING | D | | | | | | |



DESIGNED BY *gww*

DATE 1/26/38

Push Pull 4/1's to 63 rvc

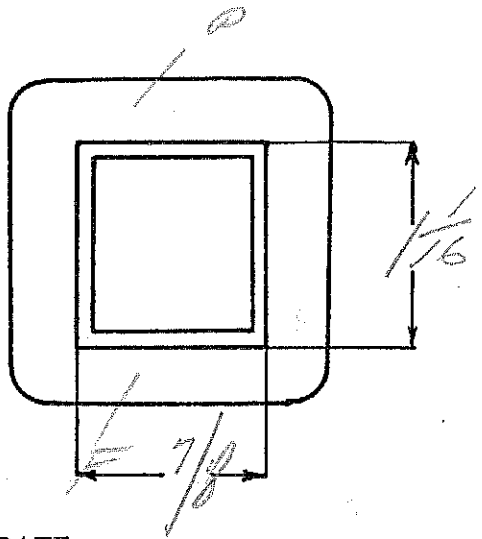
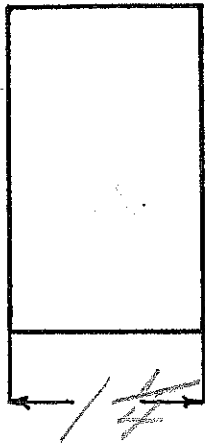
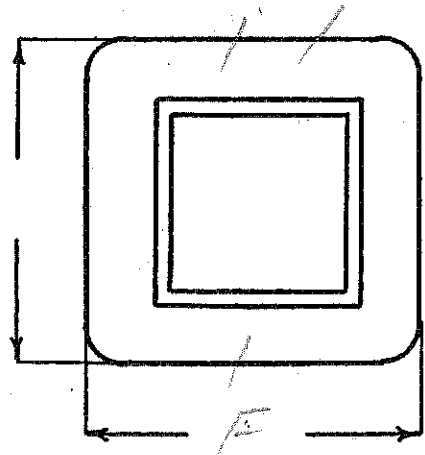
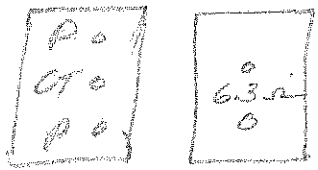
SPEC. NO. 3946

| | | | | | | |
|--------------|--------|--------|--|--|--|--|
| Winding | PR1 | 1SEC | | | | |
| Turns | 3500 | 73 | | | | |
| Taps | 1750 | | | | | |
| Wind. Lgth. | 1 1/16 | 1 1/16 | | | | |
| Wire Size | #33 | #22 | | | | |
| T. P. L. | 125-28 | 37-2 | | | | |
| Finish | | | | | | |
| Type Lead | SIL BR | W.O. | | | | |
| Lead Lgth. | 311 | 311 | | | | |
| Layer Insul. | 30# | 005" | | | | |
| Test Volt. | | | | | | |
| Wrapper | 21056A | 21056A | | | | |

TUBE 52007 IMPREGNATION Varnish

CORE 7/8 x 1 1/16 GA. 29 GRADE A STACK 2x2

MOUNTING F



DESIGNED BY

DATE

universal output

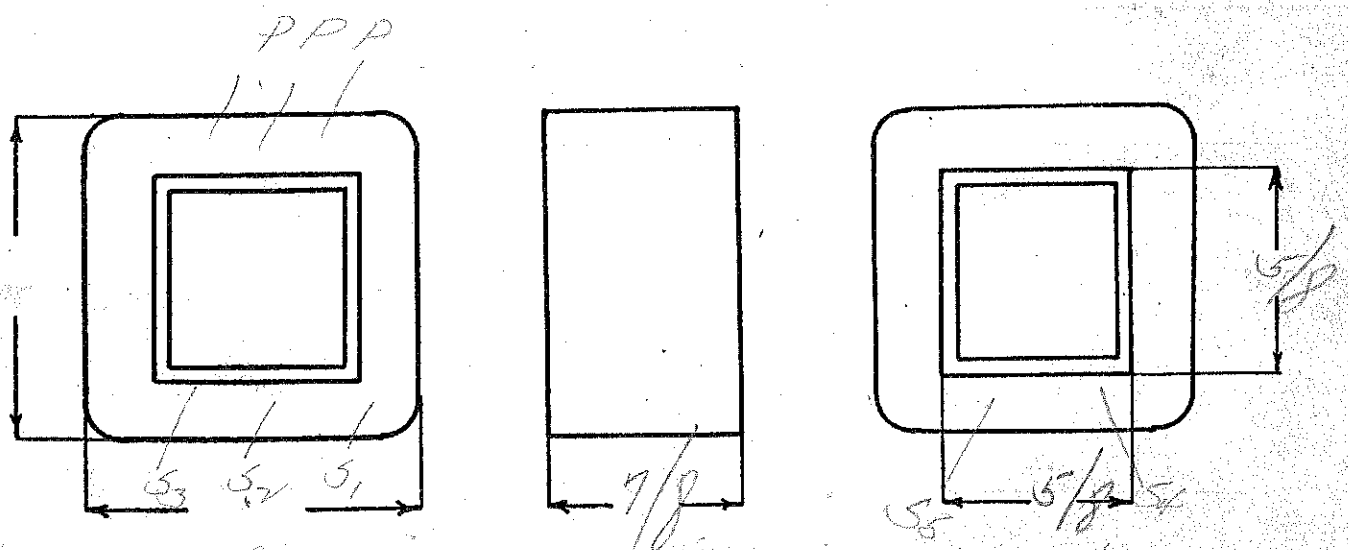
Stamp 554 unless ordered otherwise. also D554

BRADBURN RADIO CORP.

SPEC. NO. 3947

| | | | | | | | |
|--------------|-----------|---------|--------------|----|----------------------------|--|--|
| Winding | PR1 | SEC | | | | | |
| Turns | 3400 | 114 | | | | | |
| Taps | 1700 | 41- | 58- | 88 | | | |
| Wind. Lgth. | 3/4 | | | | | | |
| Wire Size | #38 | #23 | | | | | |
| T. P. L. | 155-22 | 4L | | | | | |
| Finish | | | | | | | |
| Type Lead | Sil Br | W.O. | | | | | |
| Lead Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 16# | 50# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 21005GA | 21005GA | | | | | |
| TUBE | 41007 | | IMPREGNATION | | varnish | | |
| CORE | 5/8 x 5/8 | GA. | GRADE | | STACK Built to spec no jar | | |
| MOUNTING | D | | | | | | |

84
14
50



DESIGNED BY *Jaw*

DATE 2/11/38

500.2 to grid

red black

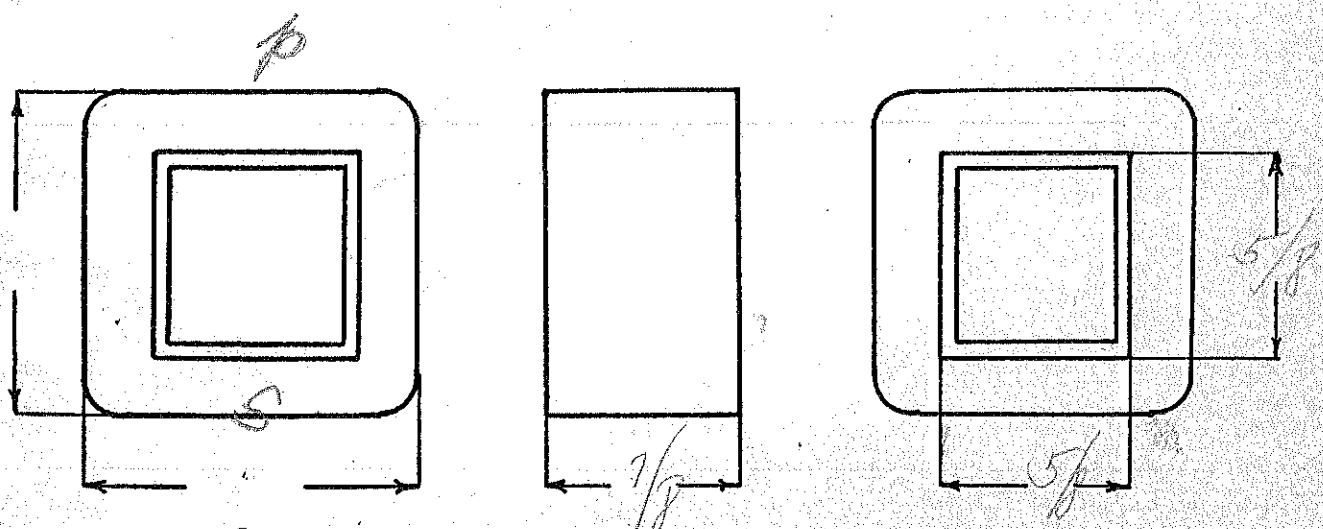
SPEC. NO. 3949

| | | | | | | |
|--------------|-------------|----------------------|--|--|--|--|
| Winding | SEC | DR1 | | | | |
| Turns | 7600 | 540 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | 3/4 | | | | |
| Wire Size | #40 | #36 | | | | |
| T. P. L. | 190 | | | | | |
| Finish | #24 0.62 | #24 0.62 | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 3" | 1-3/4" 1-1/2" out | | | | |
| Layer Insul. | 12# | 16# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 16005W | 26005GA | | | | |

TUBE 52007 IMPREGNATION *Wax*

CORE 5/8 x 5/8 GA. 21 GRADE B STACK 2X2

MOUNTING D - Leads downward



DESIGNED BY *SW*

DATE 2/11/38

500 Ω to 5 Ω

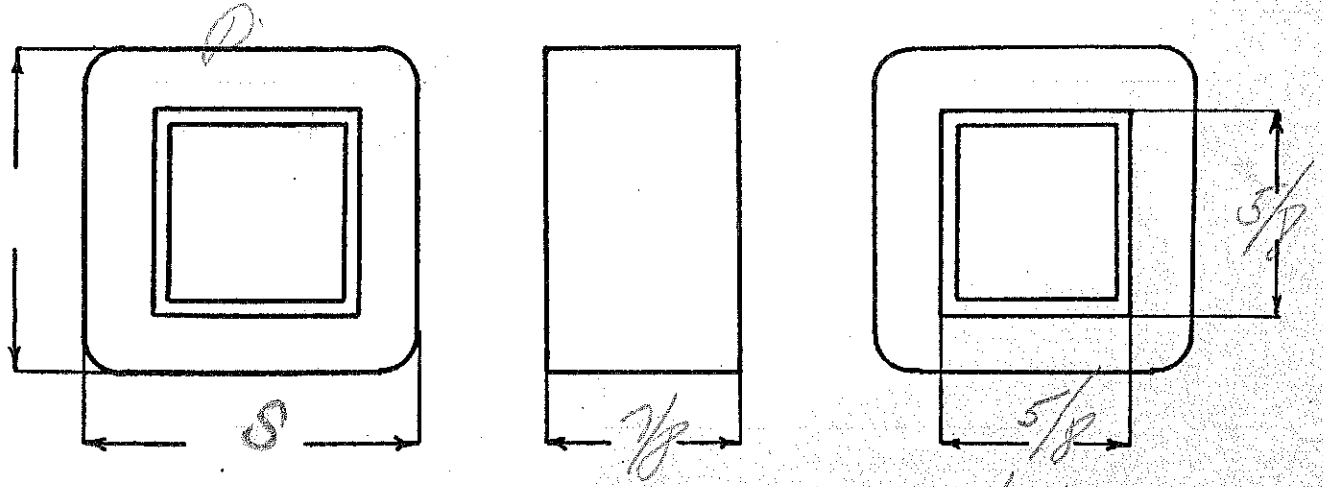
SPEC. NO. 3950

| | | | | | | |
|--------------|----------|----------|--|--|--|--|
| Winding | <i>D</i> | <i>S</i> | | | | |
| Turns | 600 | 62 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | $3/4$ | | | | | |
| Wire Size | #31 | #31 | | | | |
| T. P. L. | 20-9 | 31 | | | | |
| Finish | | | | | | |
| Type Lead | #20B | W.O. | | | | |
| Lead Lgth. | 10" | 6" and | | | | |
| Layer Insul. | 20# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2005EA | 2005EA | | | | |

TUBE 51007 IMPREGNATION varnish

CORE 5/8 x 5/8 GA. 29 GRADE B STACK 2x2

MOUNTING D - Leads downward



DESIGNED BY sw

DATE 2/11/38

685 to 5002 VC

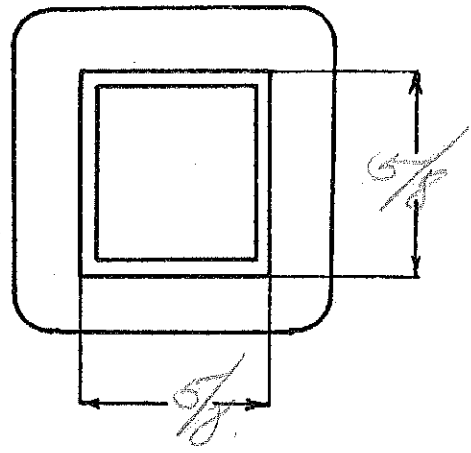
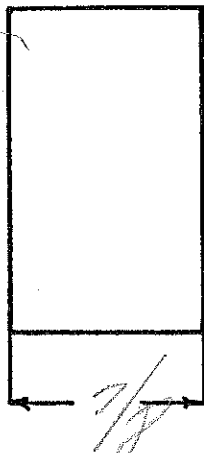
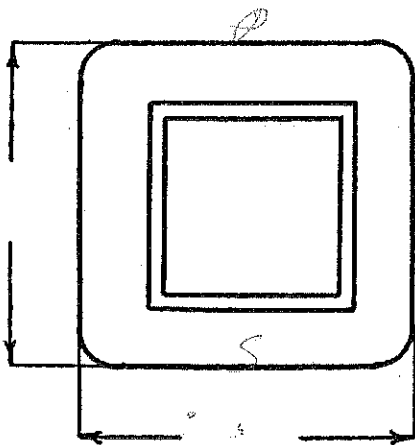
SPEC. NO. 3951

| | | | | | | |
|--------------|------------|------------|--|--|--|--|
| Winding | Ø | S | | | | |
| Turns | 2400 | 640 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | ✓ | | | | |
| Wire Size | #37 | #31 | | | | |
| T. P. L. | 137-18 | 70-9 | | | | |
| Finish | | | | | | |
| Type Lead | #20 P/W | #20 P/W | | | | |
| Lead Lgth. | 10" | 5" out | | | | |
| Layer Insul. | 20# | 20# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 16005VC | 21005EA | | | | |

TUBE 51007 IMPREGNATION Varnish

CORE 5/8 x 5/8 GA. 29 GRADE B STACK 005 Gus

MOUNTING D - Leads downward



DESIGNED BY *Law*

DATE 2/17/08

10,000 r pt to 200 x 500 ohms output
5 ma pri dc.

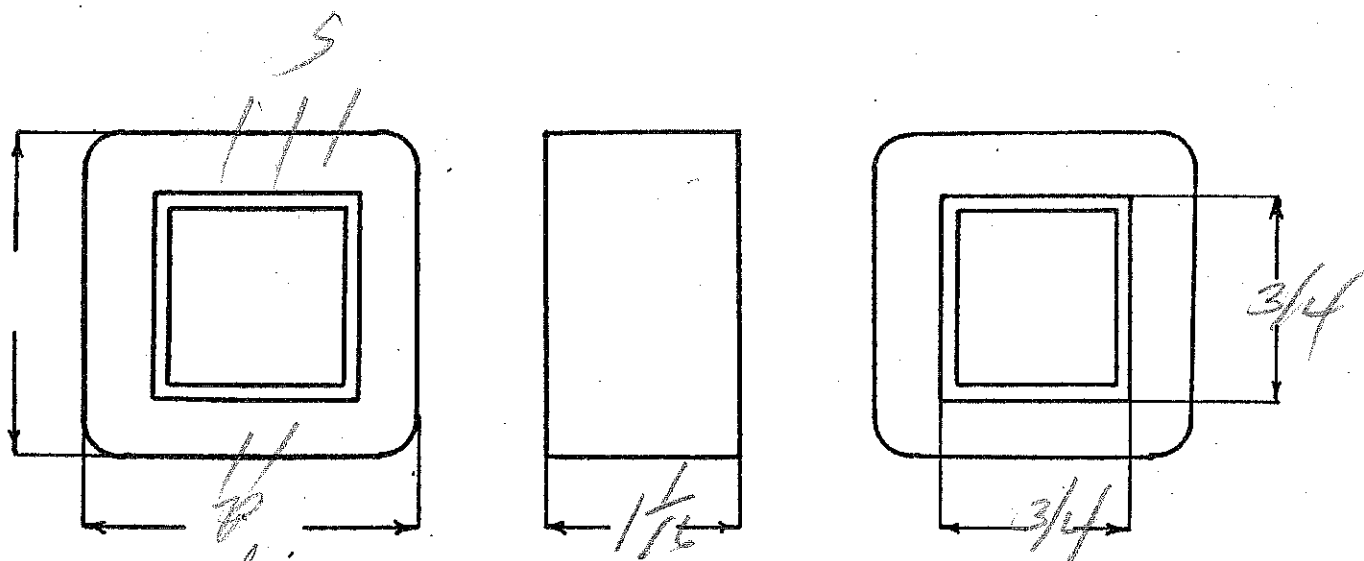
SPEC. NO. 3952

| | | | | | | | |
|--------------|---------------|---------|--|--|--|--|--|
| Winding | S | P | | | | | |
| Turns | 560 | 2500 | | | | | |
| Taps | 370 | | | | | | |
| Wind. Lgth. | 7/8 | | | | | | |
| Wire Size | #29 | #37 | | | | | |
| T. P. L. | 63-9 | 159-16 | | | | | |
| Finish | | | | | | | |
| Type Lead | #20 Pwr Br | | | | | | |
| Lead Lgth. | | | | | | | |
| Layer Insul. | | 30# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 11007VC | 21005GA | | | | | |

TUBE 57007 IMPREGNATION Wax

CORE 3/4 x 3/4 GA. 26 GRADE Mummels STACK 2x2

MOUNTING D



DESIGNED BY *Yw*

DATE 2/16/38

Pri 2500 Ω or 5000 Ω - 70 ma

Sec 1 - 2500 Ω or 5000 Ω nose, dc

8 units

Sec 2 - 2500 Ω or 5000 Ω

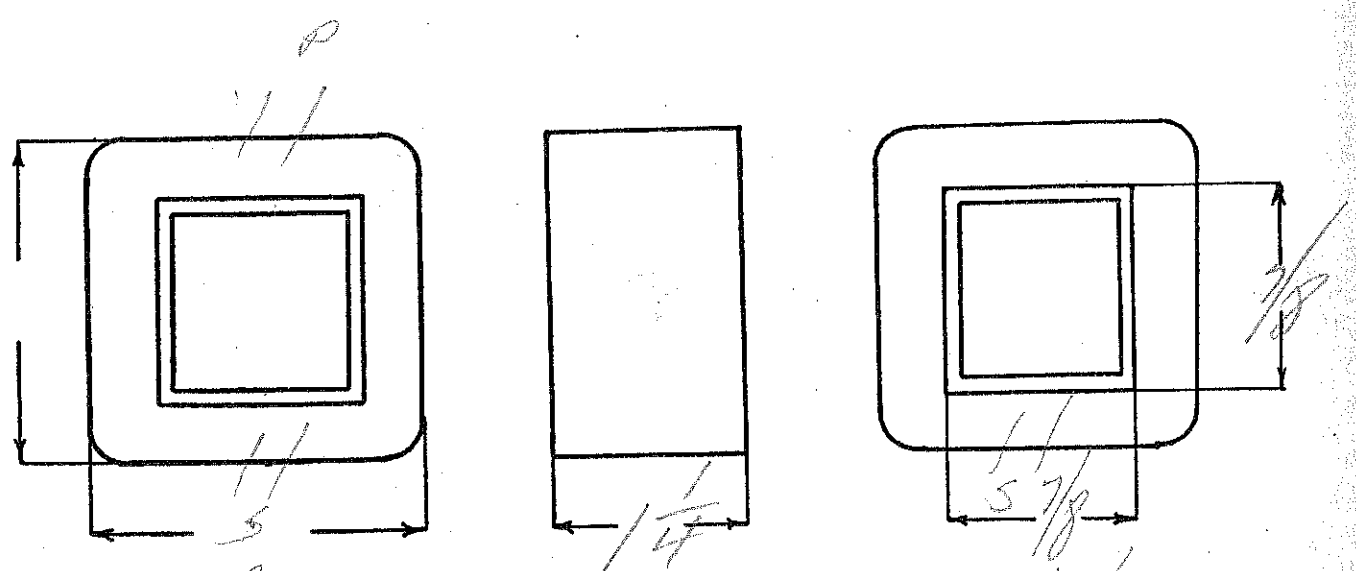
SPEC. NO. 3953

| | | | | | | | |
|--------------|------------|------------|------------|--|--|--|--|
| Winding | P | S | S | | | | |
| Turns | 2000 | 2000 | 2000 | | | | |
| Taps | — | — | — | | | | |
| Wind. Lgth. | 1 1/6 | ✓ | ✓ | | | | |
| Wire Size | #34 | #35 | #35 | | | | |
| T. P. L. | 135-15 | 155-13 | 155-13 | | | | |
| Finish | | | | | | | |
| Type Lead | #20 P/P | #20 P/P | #20 P/P | | | | |
| Lead Lgth. | 6" | 6" | 6" | | | | |
| Layer Insul. | 20# | 20# | 20# | | | | |
| Test Volt. | 2500 | — | — | | | | |
| Wrapper | 16007K | 16007K | 210056A | | | | |

TUBE 52007 IMPREGNATION varnish

CORE 7/8x7/8 GA. 29 GRADE B STACK Butt Head

MOUNTING D



DESIGNED BY *GW*

DATE 2/14/38

P - 4660 Ω (6465)

OK 45 watt auto

Manifone, Inc

S - 2500 Ω - 170 ma

SPEC. NO. 3954

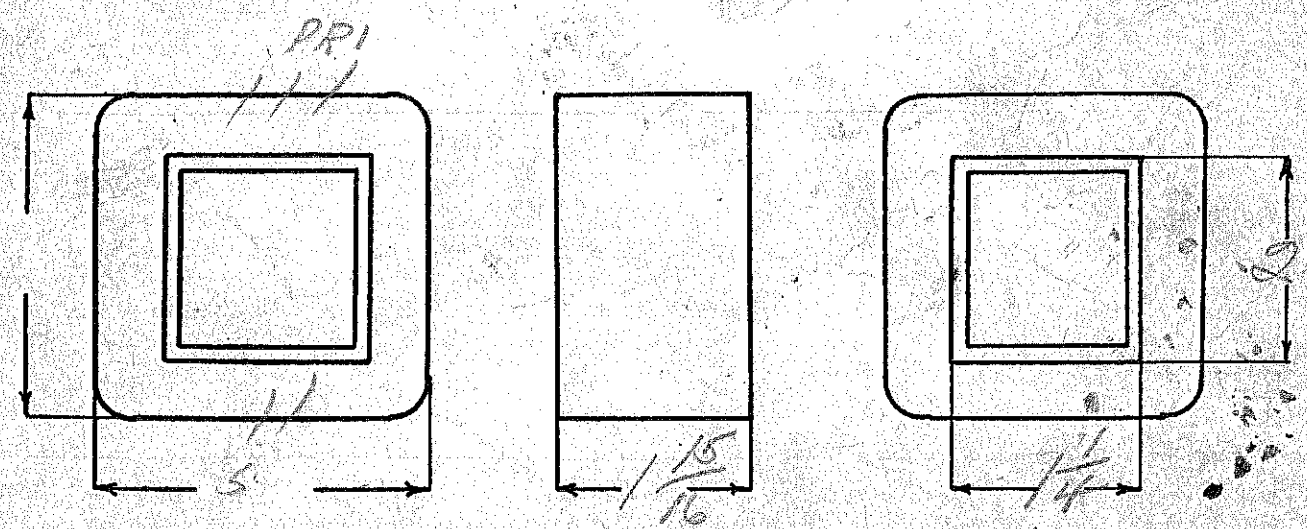
| | | | | | |
|--------------|--------------|--------------------|-----------|--|--|
| Winding | PRI | SEC | | | |
| Turns | 1920 | 1475 | | | |
| Taps | 960 | — | | | |
| Wind. Lgth. | 1579 | — | = 1.1625" | | |
| Wire Size | #29 | #28 | | | |
| T. P. L. | 121-16 | 106-14 | | | |
| Finish | 90% | 88% | | | |
| Type Lead | #20 Dulac | #20 Dulac | | | |
| Lead Lgth. | 91 | 91 | | | |
| Layer Insul. | 40# | 40# | | | |
| Test Volt. | 5000 | | | | |
| Wrapper | 24007VC | 24007VC 24007BA | | | |

| | | | |
|------|-----------------|--------------|---------|
| TUBE | 94007 + 14007VC | IMPREGNATION | Varnish |
|------|-----------------|--------------|---------|

| | | | | | | | |
|------|------|-----|----|-------|------|-------|----------|
| CORE | 14x2 | GA. | 24 | GRADE | Alyn | STACK | .022 gap |
|------|------|-----|----|-------|------|-------|----------|

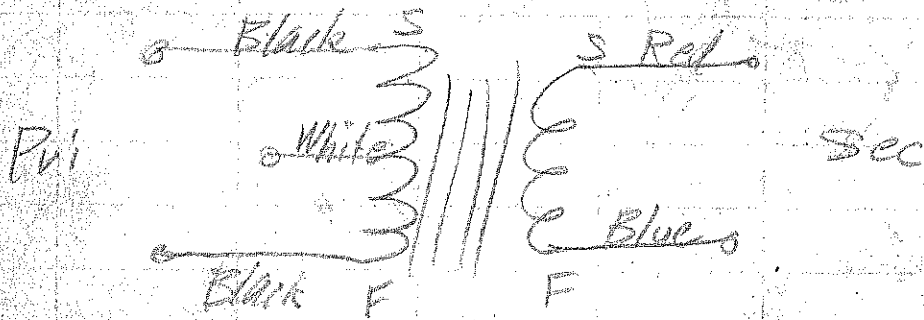
MOUNTING "AA" - leads

heavy finishing! - 5000 volt breakdown
Wire Net = 0.534" (0.445")



DESIGNED BY: G. Weaver

DATE: 3/



$$Z = 4660 - 2500$$

$$Z_R = 1.86 - 1$$

$$T_R = 1.36 - 1$$

$$T = 1920 - 1413$$

P=960 T
S=187

universal Class B output - 500 watt capacity

320 ma

SPEC. NO. 3955

| | | | | | | | |
|--------------|---------------|--------|--------|-------------------|--|--|--|
| Winding | #1 | #2 | #3 | #4 | | | |
| Turns | 1030 | 1220 | 1220 | 1030 | | | |
| Taps | 470 | 845 | 875 | 5560 | | | |
| Wind. Lgth. | 2 3/8 | 7 | 9 | 3 | | | |
| Wire Size | #26 | #26 | #26 | #26 | | | |
| T. P. L. | 125 | | | | | | |
| Finish | | WIPE | ONLY | | | | |
| Type Lead | V | | | | | | |
| Lead Lgth. | | | | | | | |
| Layer Insul. | double 50# | ✓ | ✓ | ✓ | | | |
| Test Volt. | 10,000V | | | | | | |
| Wrapper | 4000WC | 4000WC | 4000WC | 3200WC 3200SGA | | | |

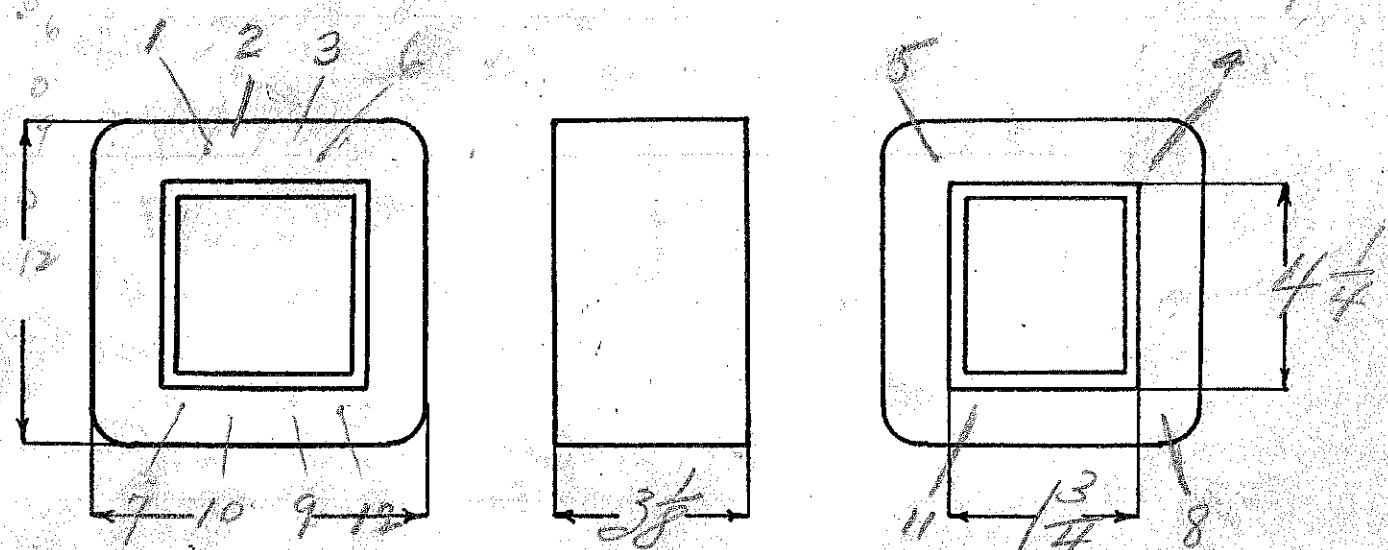
TUBE 10L007 + 2400 WC IMPREGNATION Varnish

CORE 1 3/4 x 4 GA. 29 Ga GRADE B STACK, 020' lgn

MOUNTING air cased

spiral leads into position - double paper above & below spiral

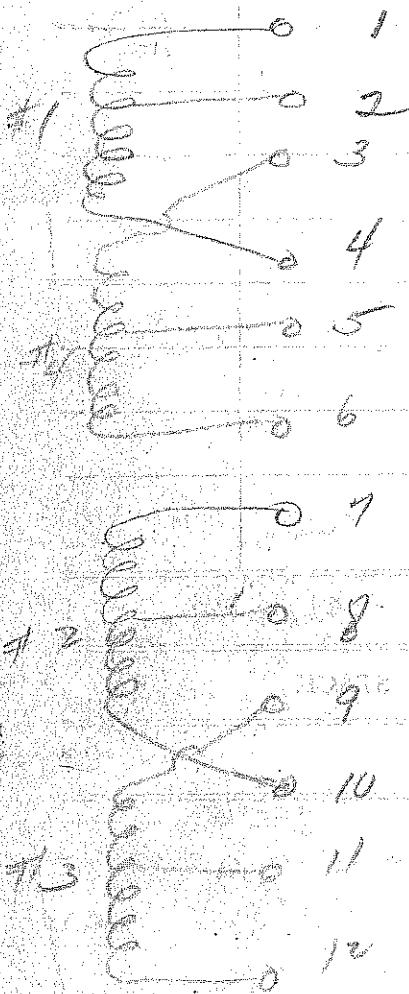
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



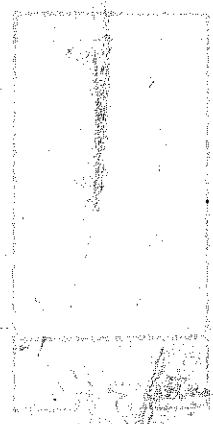
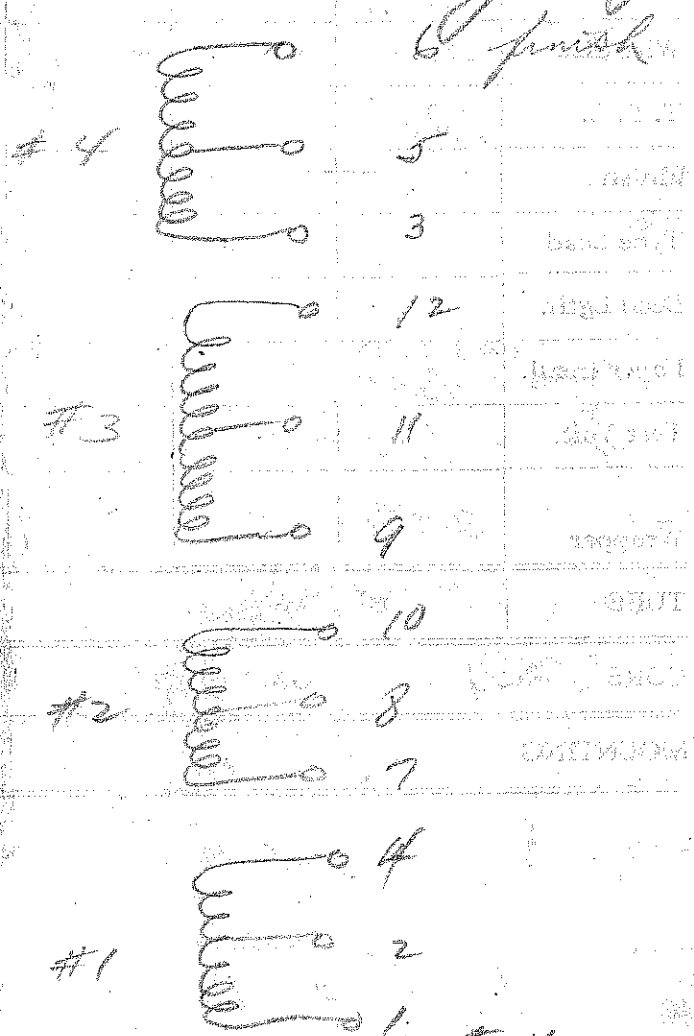
DESIGNED BY *SW*

DATE 3/8/50

Schematic



actual winding key

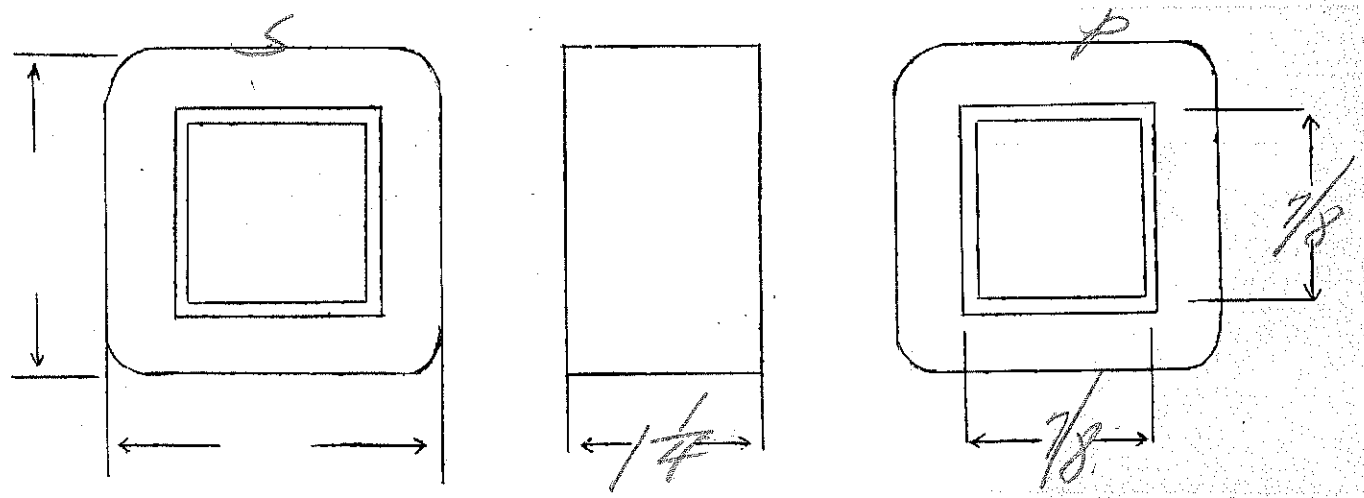


- start
- 120 - 142
 - fasten 4 & 3 together
 - 1-4 - 260
 - 1-5 - 405
 - 2-6 - 405
 - 7-8 - 210
 - 7-9 - 310
 - 7-11 - 405
 - 8-12 - 405

6.00 to grid

SPEC. NO. 3956

| | | | | | | |
|--------------|-------------------------------|--------|--------------|---------|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 10,000 | 77 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1 1/16 | ✓ | | | | |
| Wire Size | #39 | #23 | | | | |
| T.P.L. | 250 | | | | | |
| Kind Term. | #20 Par/Bv | | | | | |
| Term. Lgth. | 9 1/2 | 9 1/2 | | | | |
| Layer Insul. | 16 # | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2005GA | 2005GA | | | | |
| TUBE | 72007 | | IMPREGNATION | Varnish | | |
| CORE | 7/8 x 7/8 - 29 Ga - B - 2 x 2 | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | |

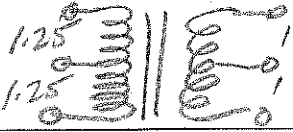


DESIGNED BY

DATE

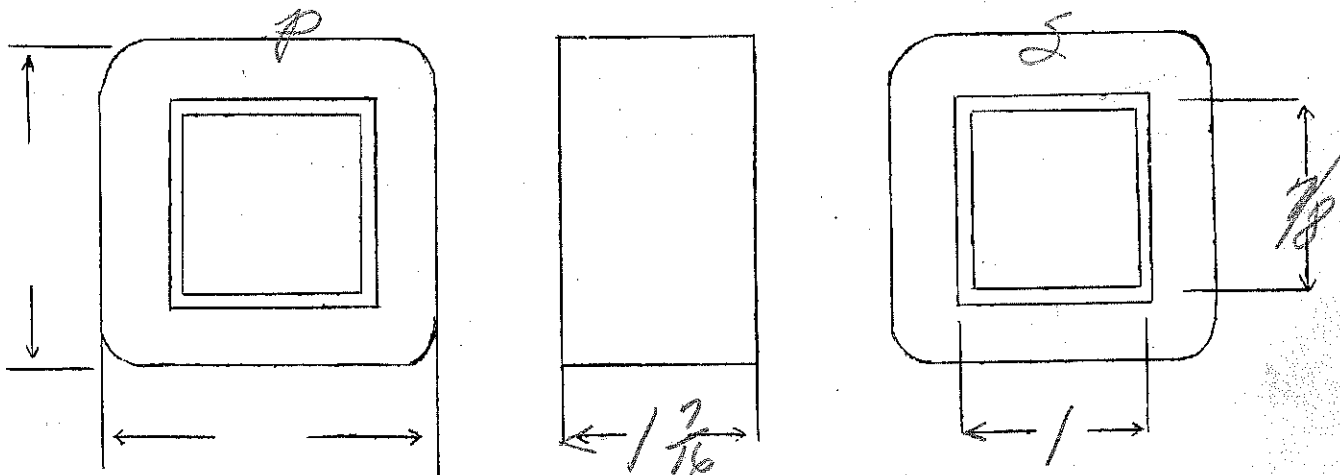
2/26/38

pp 45 to pp 46 in book B



SPEC. NO. 3957

| | | | | | | |
|--------------|-------------|---------------|--------------|--------------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 5100 | 4000 | | | | |
| Taps | 2550 | 2000 | | | | |
| Wind. Lgth. | 1.25 | | | | | |
| Wire Size | #35 | #35 | | | | |
| T.P.L. | 185-28 | 185-22 | | | | |
| Kind Term. | Oil Bound | | | | | |
| Term. Lgth. | 5" | 5" | | | | |
| Layer Insul. | 16# | 16# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 24005VP | 24005GA | | | | |
| TUBE | 52007 | | IMPREGNATION | VARNISH | | |
| CORE | 11 7/8 - 24 | 1 1/2 B - 2x2 | | PRIMARY V.A. | | |
| MOUNTING | F | | | | | |



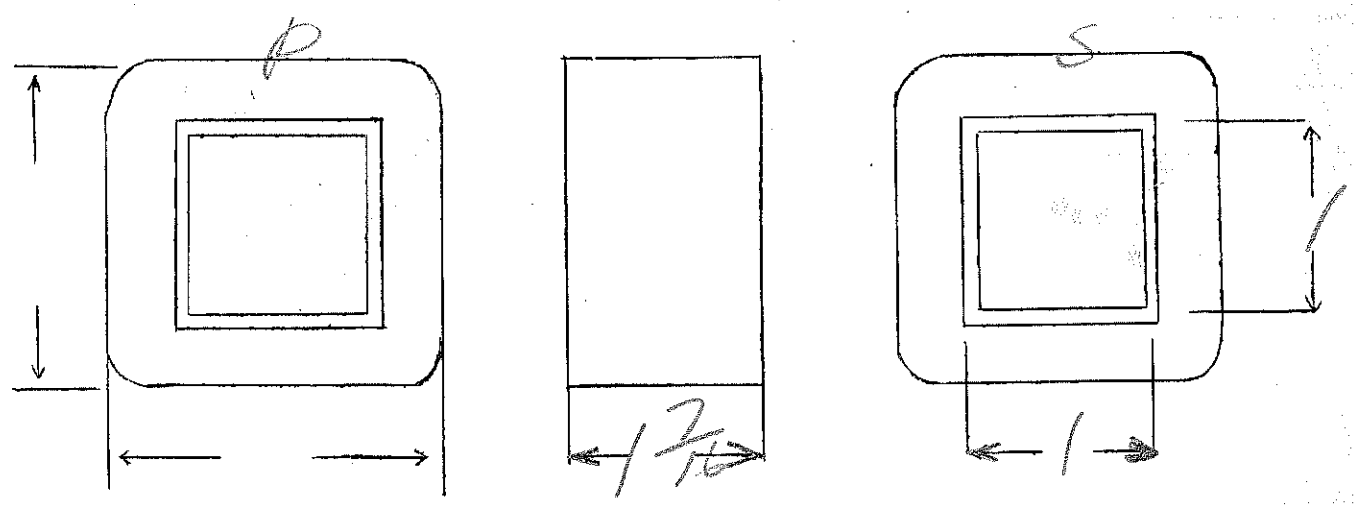
DESIGNED BY *gwo*

DATE *3/10/38*

P - 5000 Ω - 50 ma (6%)
 S - 14,000 Ω - 35 ma

voice frequency only
 SPEC. NO. 3958

| | | | | | | |
|--------------|--|--------|--------------|---------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 3000 | 4200 | | | | |
| Taps | — | — | | | | |
| Wind. Lgth. | 1 1/8 | 1 1/8 | | | | |
| Wire Size | #35 | #35 | | | | |
| T.P.L. | 167-18 | 167-26 | | | | |
| Kind Term. | #20 Per br | | | | | |
| Term. Lgth. | 9" | 9" | | | | |
| Layer Insul. | double 16 ft | ✓ | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2007K | 40050A | | | | |
| TUBE | 7007 | | IMPREGNATION | VARNISH | | |
| CORE | 1X1 - 29 mm B-005 mm | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | |



DESIGNED BY *Law*

DATE 3/16/38

2A3 Pt to PP809 - 60mc pu dc
 P/25 = 223
 80-5000V

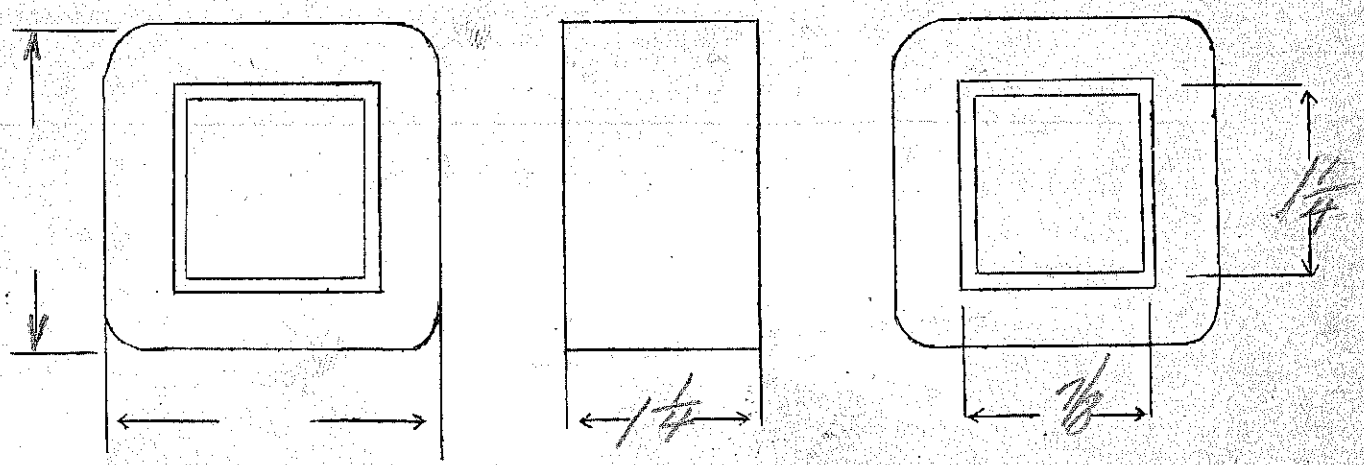
SOUND PROPS. NO.

SPEC. NO. 3959

pu 2958

| | | | | | | | |
|--------------|--|----------------|--|--|--|--|--|
| Winding | ^{Start - Black} ^{Finish - white} PRI | SEC | ^{Start - white} ^{Finish - Black} PRI | | | | |
| Turns | 950 | 1660 | 950 | | | | |
| Taps | | 830 | | | | | |
| Wind. Lgth. | 1 1/16 | | | | | | |
| Wire Size | #34 | #34 | #34 | | | | |
| T.P.L. | 138-7 | 138-12 | 138-7 | | | | |
| Kind Term. | #20 Par Pa | | | | | | |
| Term. Lgth. | 9 1/2" | ✓ | ✓ | | | | |
| Layer Insul. | 30# | ✓ | ✓ | | | | |
| Test Volt. | 9500 | 9500 | 9500 | | | | |
| Wrapper | 1007VC 4648 | 1007VC 4648 | 20056A | | | | |

TUBE 76007 IMPREGNATION DOUBLE VARNISH
 CORE - 29-8-B-005" Gap PRIMARY V.A.
 MOUNTING A

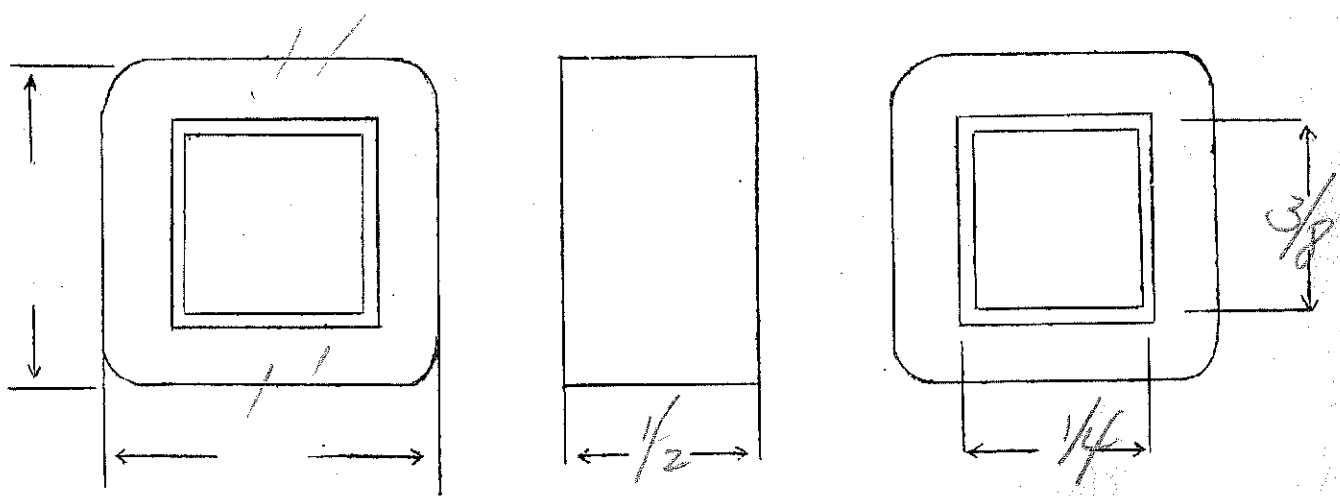


DESIGNED BY Greaver DATE 3/4/38

250 + 200Ω to grid

SPEC. NO. 3961

| | | | | | | |
|--------------|---------------------|------------------|--|--------------|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 4750 | 450 | | | | |
| Taps | — | 400 | | | | |
| Wind. Lgth. | 3/8 | | | | | |
| Wire Size | #42 | #37 | | | | |
| T.P.L. | 130 | 68 | | | | |
| Kind Term. | Sil Bz | Sil Bz | | | | |
| Term. Lgth. | 6" | 6" | | | | |
| Layer Insul. | 10 th | 16 th | | | | |
| Test Volt. | | | | | | |
| Wrapper | 24031P | 16058A | | | | |
| TUBE | 4607 | IMPREGNATION | | wax | | |
| CORE | allego mumental 2x2 | | | PRIMARY V.A. | | |
| MOUNTING | — | | | | | |



DESIGNED BY Geo

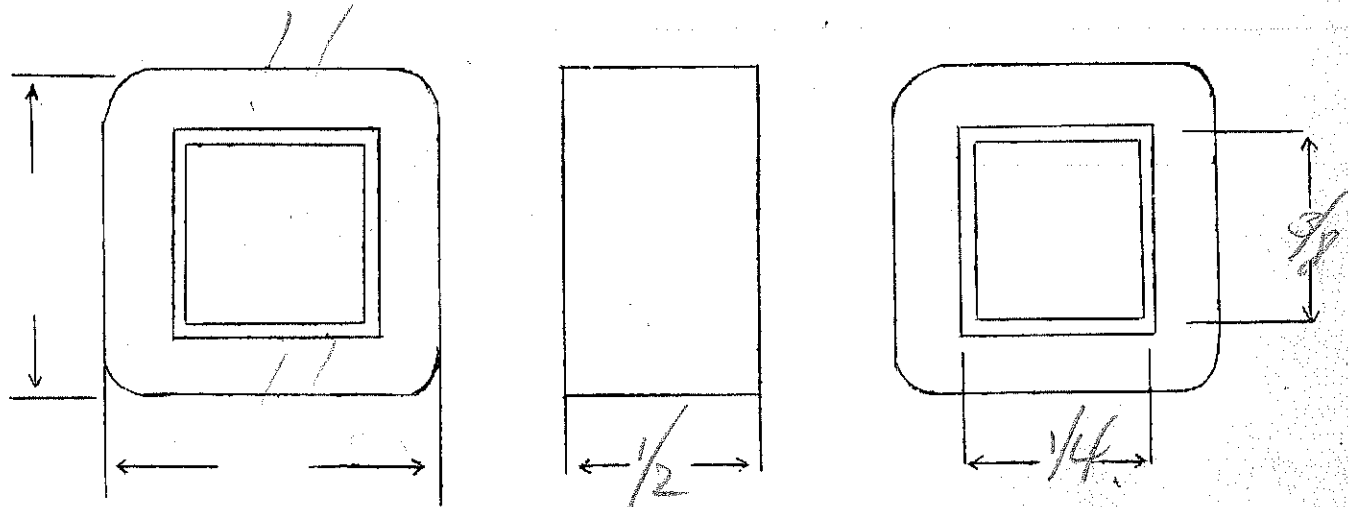
DATE 3/26/38

500 Ω to grid

3962

SPEC. NO. _____

| | | | | | | |
|--------------|-----------------|---------------|--------------|--|-----|--|
| Winding | SEC | PRI | | | | |
| Turns | 4750 | 625 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/8 | | | | | |
| Wire Size | #42 | #38 | | | | |
| T.P.L. | 130 | 78 | | | | |
| Kind Term. | Sil Br | #20 Sil Br | | | | |
| Term. Lgth. | 6" | 6" | | | | |
| Layer Insul. | 10# | 16# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 24003VP | 14005EA | | | | |
| TUBE | 4007 | | IMPREGNATION | | wax | |
| CORE | alloy metal 2x2 | | PRIMARY V.A. | | | |
| MOUNTING | | | | | | |



DESIGNED BY *Shr*

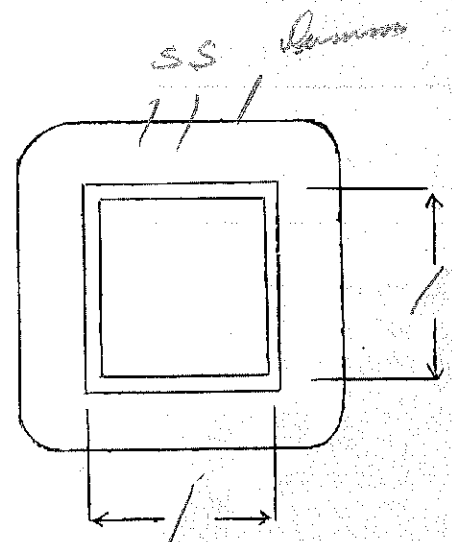
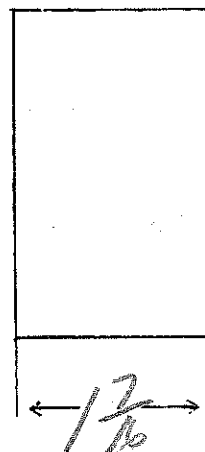
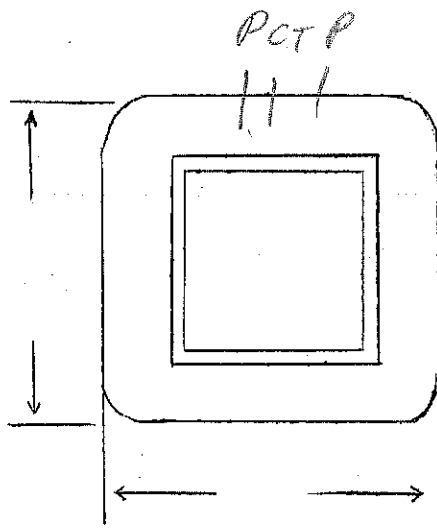
DATE 3/26/38

PD6F6 (triod) to 1.8 Ω VC

8000 Ω

SPEC. NO. 2963

| | | | | | | | |
|--------------|----------|---------|--------------|--------------|--|--|--|
| Winding | P | S | | | | | |
| Turns | 3300 | 49 | | | | | |
| Taps | 1650 | — | | | | | |
| Wind. Lgth. | 1.25 | | | | | | |
| Wire Size | #32 | #17 | | | | | |
| T.P.L. | 140-24 | 2L | | | | | |
| Kind Term. | silb | wo. | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 30H | — | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2L0056A | 2L0056A | | | | | |
| TUBE | 5L007 | | IMPREGNATION | VARNISH | | | |
| CORE | 24-6-2X2 | | | PRIMARY V.A. | | | |
| MOUNTING | D | | | | | | |



DESIGNED BY

AW

DATE

7/26/38

665 - PP2A3 - 5th rev

SPEC. NO. 3965

| | | | | | | | |
|--------------|-----------|---------|---------|--|--|--|--|
| Winding | S | P | S | | | | |
| Turns | 1800 | 4800 | 1000 | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | 7/8 | | | | |
| Wire Size | #34 | #38 | #34 | | | | |
| T.P.L. | 114-9 | 180-27 | 114-9 | | | | |
| Kind Term. | Sil Brand | | | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | 20T | 20T | 20T | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 12005VA | 12005VA | 26005VA | | | | |

TUBE 52007 IMPREGNATION Wax

CORE 3/4 x 3/4 29 Ga. - D Snell PRIMARY V.A.

MOUNTING D 2x2



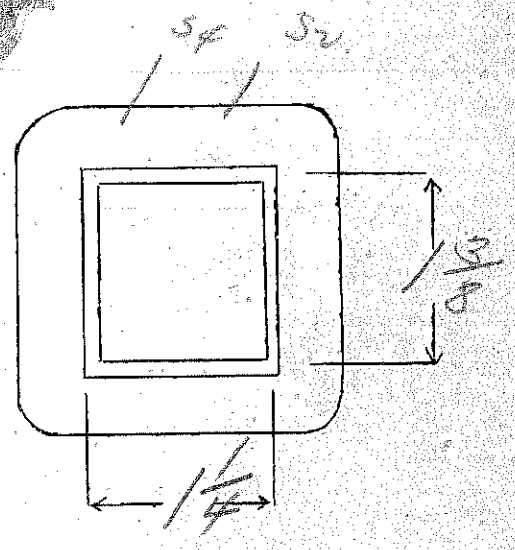
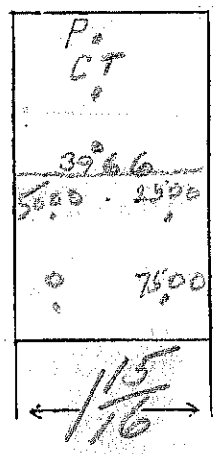
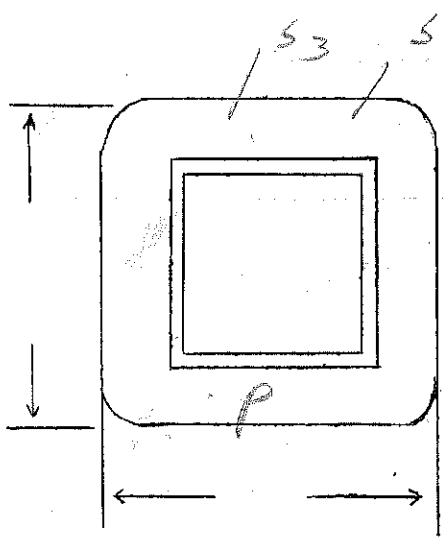
DESIGNED BY Gen

DATE 3/30/38

Similar to S1995 - 30 Watts

SPEC. NO. 3966

| | | | | | | | |
|--------------|------------------|-------|--------------|--------------------|---------|--|--|
| | <i>Continued</i> | | | | | | |
| Winding | PR1 | SEC | | | | | |
| Turns | 2150 | 1350 | 540 | 420 | | | |
| Taps | 10.75 | — | — | — | | | |
| Wind. Lgth. | 15/8 | 1 1/2 | — | — | | | |
| Wire Size | #30 | #27 | #29 | #21 | | | |
| T.P.L. | 135-16 | 90-15 | 110-5 | 140-3 | | | |
| Kind Term. | WIPE ONLY | | | | | | |
| Term. Lgth. | 6" | 6" | 6" | 6" | | | |
| Layer Insul. | double 16# | | | | | | |
| Test Volt. | 5000 | | | | | | |
| Wrapper | 31007VC | | | 31007VC 210076A | | | |
| TUBE | 72007+1007VC | | IMPREGNATION | | VARNISH | | |
| CORE | 24/24 - 0.15 | | PRIMARY V.A. | | | | |
| MOUNTING | F | | | | | | |

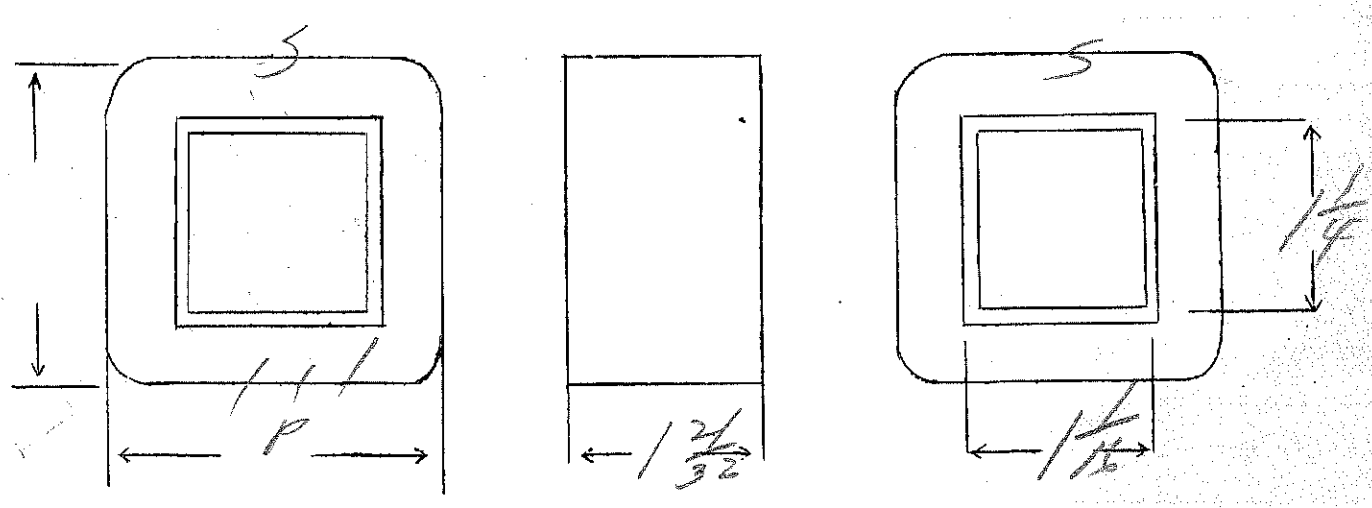


DESIGNED BY *Sw*

DATE *4/12/38*

PP6L6 to 1-10 Ω monitor
 2-5 Ω } simult. loaded
 1-1800 Ω }
 SPEC. NO. 3967
 ep-5134
 Fused Bias
 25 watts audio

| | | | | | | | |
|--------------|---|------------------|----------------|----------------|--|--|--|
| Winding | PRI | S ₁ | S ₂ | S ₃ | | | |
| Turns | 2200 | 800 | 82 | 44 | | | |
| Taps | 1100 | | | | | | |
| Wind. Lgth. | 1 $\frac{15}{32}$ | ✓ | ✓ | ✓ | | | |
| Wire Size | #30 | #30 | #23 | #19 | | | |
| T.P.L. | 122-18 | 122-5 | | 1 | | | |
| Kind Term. | #20 | PRI ₂ | WIRE | ONLY | | | |
| Term. Lgth. | 9" | | | | | | |
| Layer Insul. | 30# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2005VC | 2005EA | | 2005EA | | | |
| TUBE | 2007 | IMPREGNATION | | VARNISH | | | |
| CORE | 1 $\frac{1}{16}$ x 1 $\frac{1}{4}$ - 24 # - B grade | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |



DESIGNED BY *Gweaver* DATE *4/14/38*

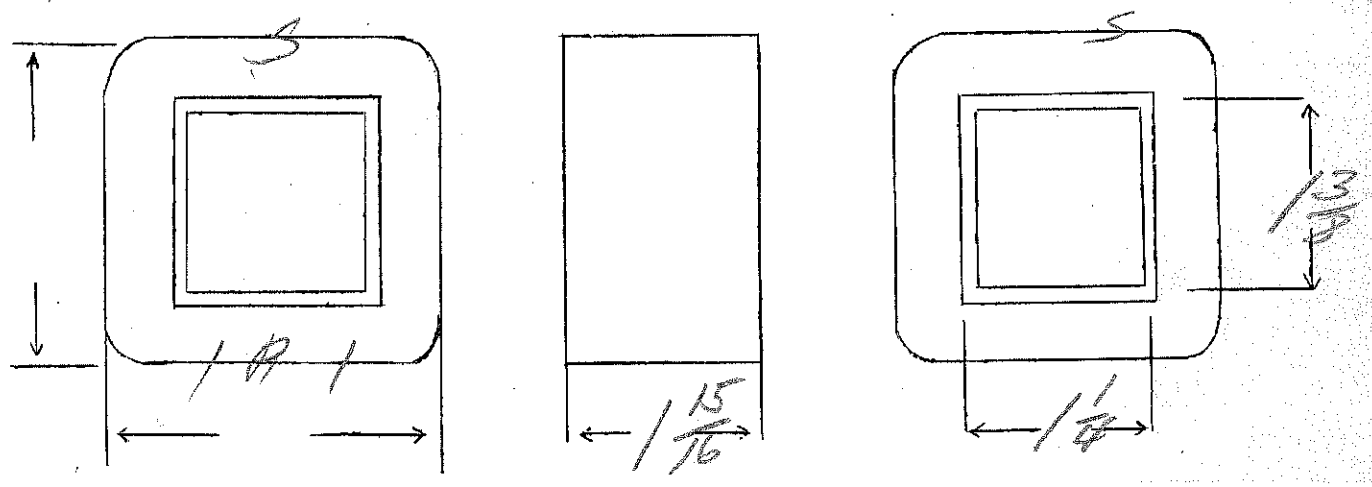
PB6L6 (6600 Ω pri)
 to 3000, 4000, 5000 Ω sec - 35 watts

SPEC. NO. 3968

| | | | | | | | |
|--------------|---------------|---------------|------|---------|---------|--|--|
| Winding | P | S | | | | | |
| Turns | 2150 | 1850 | | | | | |
| Taps | 1075 | 1680 | 1470 | | | | |
| Wind. Lgth. | 15/8 | | | | | | |
| Wire Size | #30 | #27 | | | | | |
| T.P.L. | 135-16 | 98-20 | | | | | |
| Kind Term. | | WIRE ONLY | | | | | |
| Term. Lgth. | 6" | 6" | | | | | |
| Layer Insul. | double 16# | double 20# | | | | | |
| Test Volt. | 5000 | | | | | | |
| Wrapper | 3007VC | | | 20007VC | 20007GA | | |

TUBE | 76007H4007VC | IMPREGNATION | Varnish (Laminar)
 CORE | 14K138-24/2a - .015" | PRIMARY V.A.
 MOUNTING | F

interleave two E's



DESIGNED BY *YWR*

DATE *4/18/38*

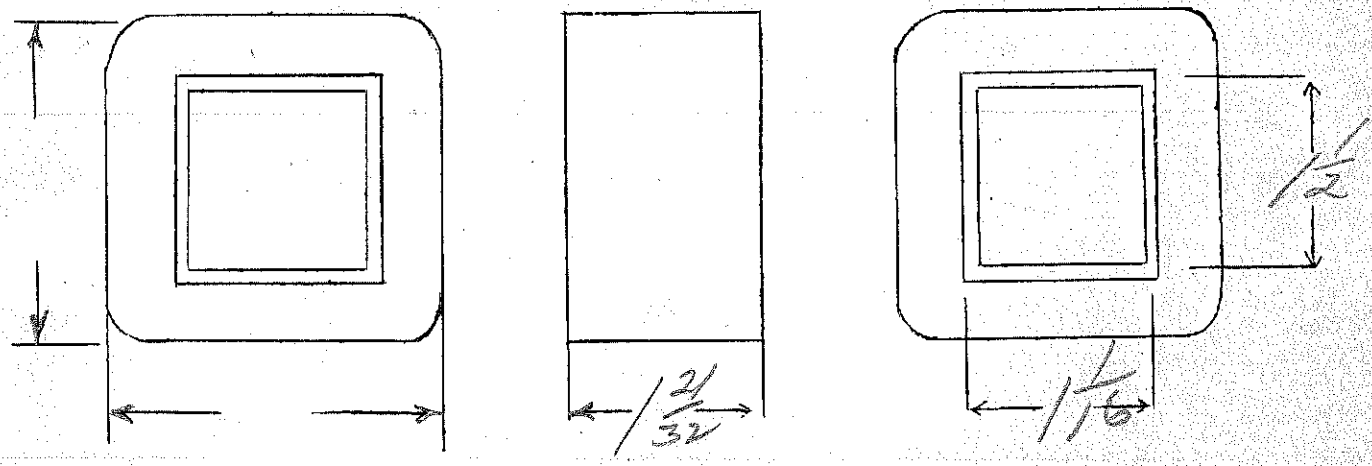
P - 10,000 N P P
 S - 6,000 N - 100ma
 S₂ - 3 n

10 watts audio - 100 to 5000 cycles

SPEC. NO. 3969

| | | | | | | |
|--------------|-------------|-------------------|---------|--------------------------------|--|--|
| Winding | SEC | PR1 | SEC | | | |
| Turns | 2500 | 3200 | 55 | | | |
| Taps | - | 1600 | | | | |
| Wind. Lgth. | 1 3/8 | 1 3/8 | | | | |
| Wire Size | #31 | #34 | #20 | | | |
| T.P.L. | 130-20 | 180-18 | 2L | | | |
| Kind Term. | #20 per Bud | | | Insulite 5, heavy in finishing | | |
| Term. Lgth. | | | | | | |
| Layer Insul. | 30# | 30# | | | | |
| Test Volt. | 5000 | 2500 | 2500 | | | |
| Wrapper | 21007C | 21007C 11005GA | 21005GA | | | |

TUBE 71007 IMPREGNATION VARNISH
 CORE 1 1/2 x 1 1/2 - 29 B - Gap .015" PRIMARY V.A.
 MOUNTING A



DESIGNED BY *gww*

DATE 3/24/38

PP HK54to modulator

200 watts audio

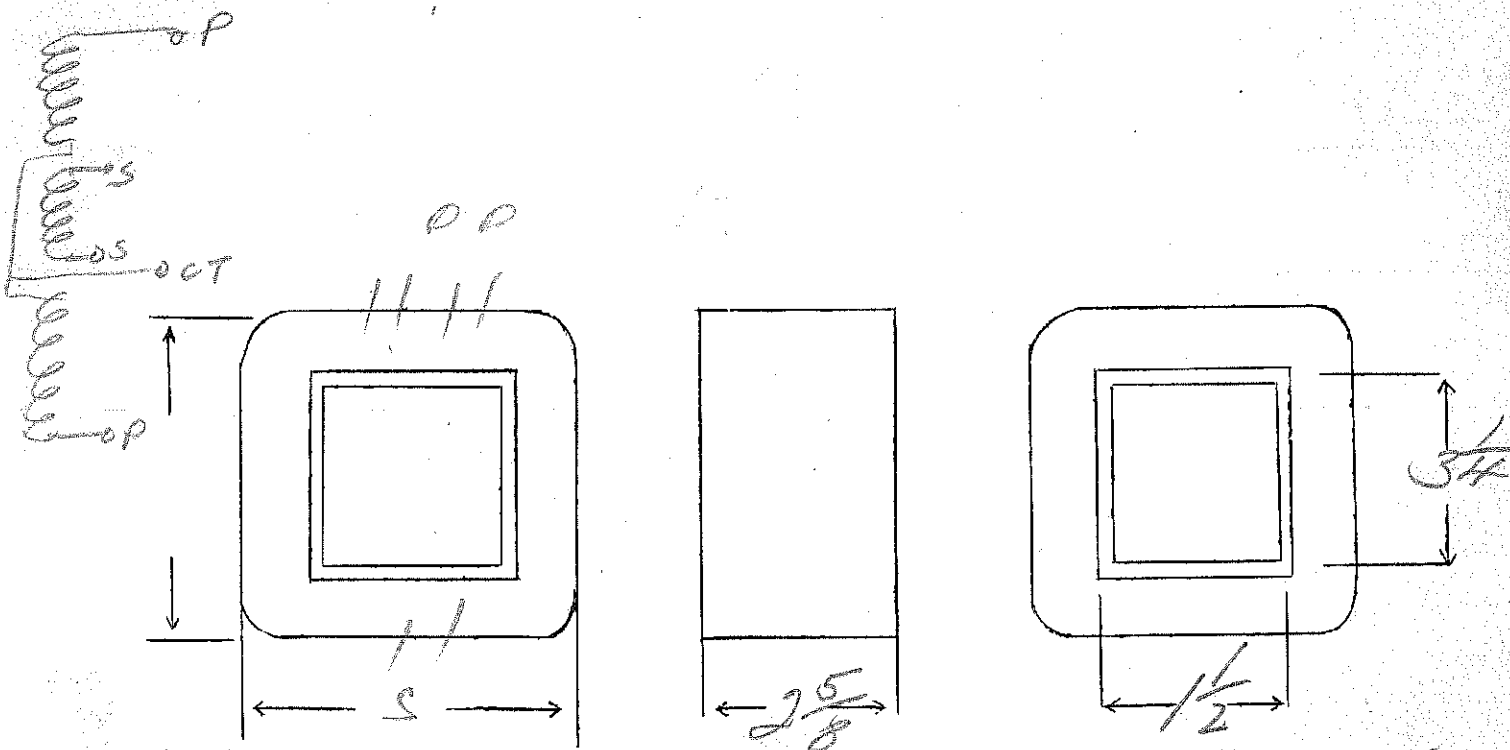
12,500Ω (200ma)

5500Ω (1500V/270ma) - 270ma

SPEC. NO.

3970

| | | | | | | | |
|--------------|----------------------------|--------|------------------|---------|--|--|--|
| Winding | PRI | SEC | PRI | | | | |
| Turns | 1200 | 1700 | 1200 | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 2" | ✓ | ✓ | | | | |
| Wire Size | #27 | #26 | #27 | | | | |
| T.P.L. | 120-10 | 107-16 | 120-10 | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | double 30% | ✓ | ✓ | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 4007VC | 4007VC | 3007VC 30055A | | | | |
| TUBE | 9007+12007VC | | IMPREGNATION | VARNISH | | | |
| CORE | 1 1/2 x 3 1/4 - Butt Stack | | PRIMARY V.A. | 100 | | | |
| MOUNTING | J | | Jop | | | | |



DESIGNED BY

gw

DATE

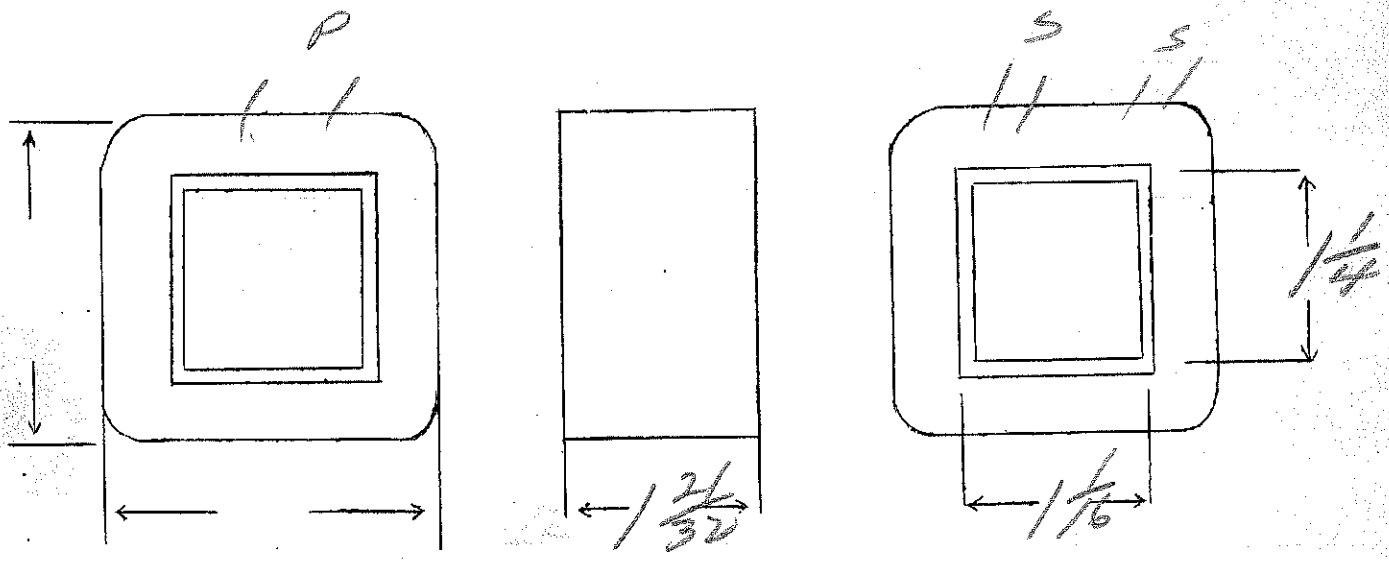
3/16/38

PP6F6 model to PP35T
 ratio P/1/25 = 2.9

SPEC. NO. 3972

| | | | | | | | |
|--------------|-----------------|--------|-------|--|--|--|--|
| Winding | SEC | PRI | SEC | | | | |
| Turns | 1200 | 3500 | 1200 | | | | |
| Taps | | 1750 | | | | | |
| Wind. Lgth. | 1 15/32 | ✓ | ✓ | | | | |
| Wire Size | #32 | #32 | #32 | | | | |
| T.P.L. | 153-8 | 153-24 | 153-8 | | | | |
| Kind Term. | #20 AWG braided | | | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 30# | ✓ | ✓ | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |

TUBE 76007 IMPREGNATION VARNISH
 CORE 1/16 x 1/4 - 29 - 10 AWG 2x2 PRIMARY V.A.
 MOUNTING A



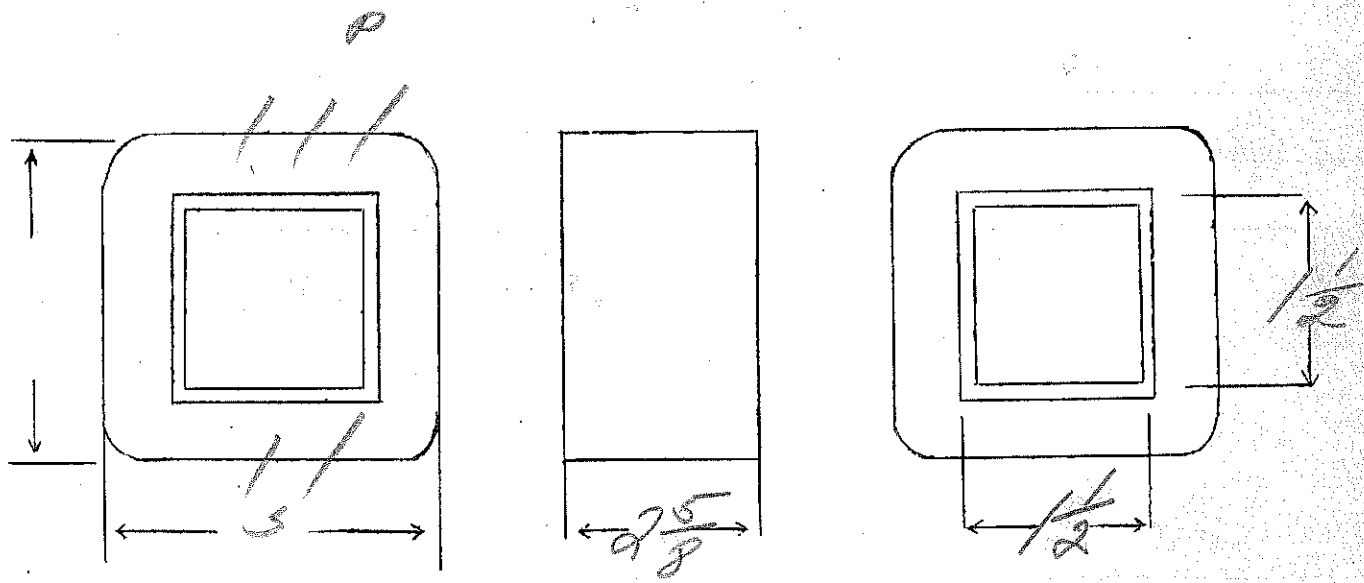
DESIGNED BY *gsw*

DATE 4/18/38

807 P output to 3000 r 200 ma modulator

SPEC. NO. 3993

| | | | | | | |
|--------------|---------------------------------|--------------------|--------------|---------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 2400 | 1700 | | | | |
| Taps | 1200 | | | | | |
| Wind. Lgth. | 2" | 2" | | | | |
| Wire Size | #28 | #26 | | | | |
| T.P.L. | 135-18 | 107-16 | | | | |
| Kind Term. | #20 Sulas with cambria sleeving | | | | | |
| Term. Lgth. | | | | | | |
| Layer Insul. | double 20# | ✓ | | | | |
| Test Volt. | | | | | | |
| Wrapper | 4007VC | 32007VC 24005GA | | | | |
| TUBE | 9007 + 24007VC | | IMPREGNATION | Special | | |
| CORE | 24Ga - 220" gap | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | |



DESIGNED BY JW

DATE 3/28/38

PR-7000 Ω

SEC-500 Ω line.

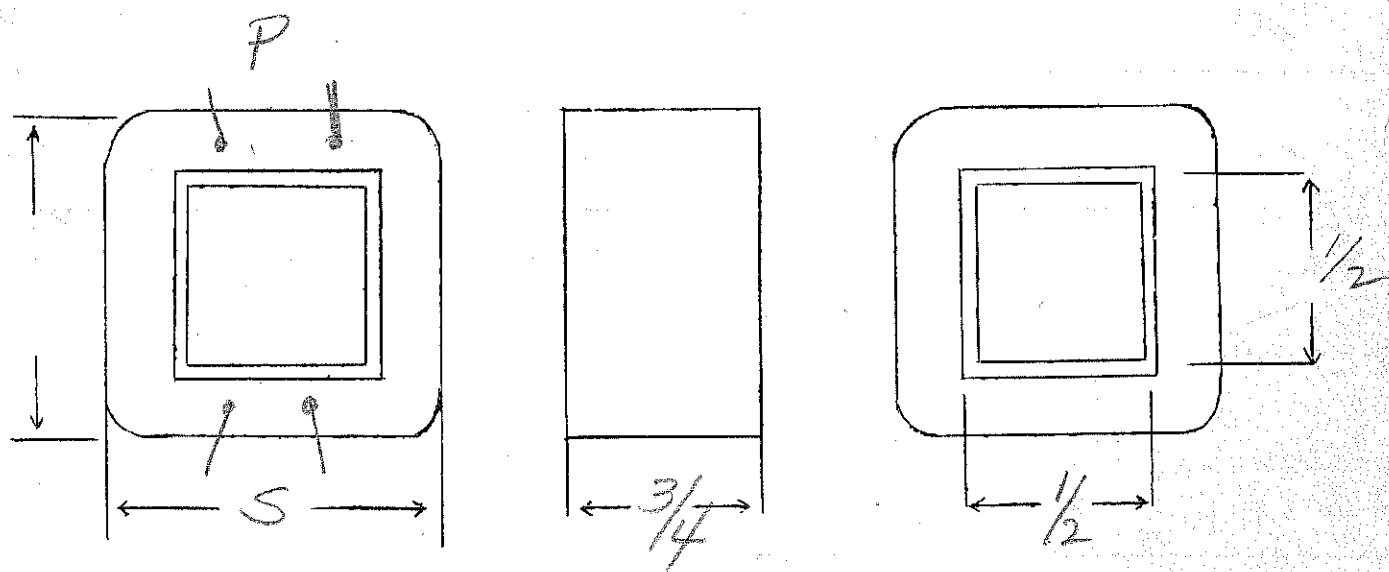
SPEC. NO. 3974

| | | | | | | |
|--------------|---------------|---------|--|--|--|--|
| Winding | P | S | | | | |
| Turns | 2500 | 668 | | | | |
| Taps | — | — | | | | |
| Wind. Lgth. | 5/8 | 5/8 | | | | |
| Wire Size | #38 | #34 | | | | |
| T.P.L | 133-19 | 84-8 | | | | |
| Kind Term. | #22 Pwr Br | Silv Br | | | | |
| Term. Lgth. | 6" | 3" | | | | |
| Layer Insul. | 20# | 30# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2L005Vc | 2L005GA | | | | |

TUBE | 4 L007 | IMPREGNATION | VARNISH

CORE | 1/2 x 1/2 29 Ga Grade B .005" g | PRIMARY V.A.

MOUNTING | D



DESIGNED BY

DATE

P. 6600 r CT - AP646 - 15 watts audio REMLER CO., LTD.

S- 4, 8, 250, 500 Ω 0.7MS

OUTPUT

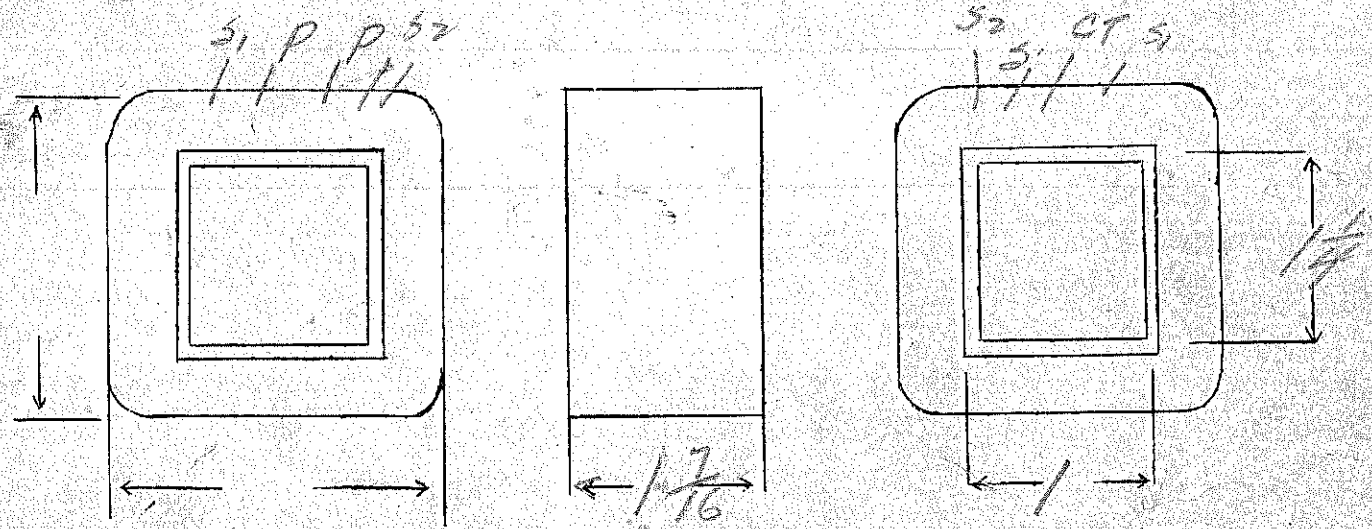
SPEC. NO. 3975

| | | | | | | | |
|--------------|------------------|---------|------------------|---------------|----|--|--|
| Winding | SEC ₁ | PRI | SEC ₂ | | | | |
| Turns | 650 | 2340 | 81 | Black | 5 | | |
| Taps | 185 | 1170 | 58 | Blue white | 10 | | |
| Wind. Lgth. | 1.25 | | | | | | |
| Wire Size | #29 | #32 | #20 | | | | |
| T.P.L. | 94 | 130-18 | 32 | | | | |
| Kind Term. | #20 Bar Br | | W.O. | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 30# | 30# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1000VC | 20005GA | 20005GA | | | | |

TUBE 50007 IMPREGNATION VARNISH
 CORE 29A-B-2X2 PRIMARY V.A.
 MOUNTING A

end of sec₁ is common
 Finish Red
 Tap - Blue
 Start - Brown

220
 10.9
 15.1
 35.



DESIGNED BY [Signature] DATE 6/20/31

P- PP626- 5200 r-p-p

Warner + Lamore
SOUND PROPS

S- 6600 r - 5000 r - 12mm

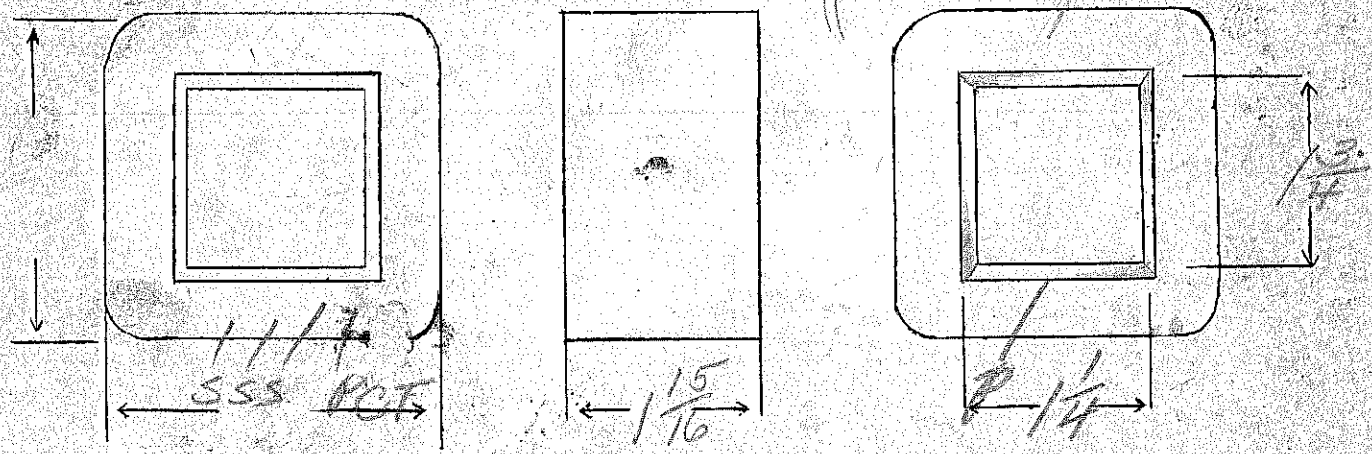
SPEC. NO. 3976

| | | | | | | |
|--------------|------------|--------|-----------|------|-----------|--|
| Winding | PRI | SEC | | | | |
| Turns | 2260 | 2680 | | | | |
| Taps | 1130 | 2300 | | | | |
| Wind. Lgth. | 19 1/16 | ✓ | = 1.5625" | | | |
| Wire Size | #30 | #30 | | | | |
| T.P.L. | 30-18 | 30-21 | | | | |
| Kind Term. | #20 Pulac | VC | bleeding | over | sec leads | |
| Term. Lgth. | 6" | 6" | | | | |
| Layer Insul. | double 20H | | | | | |
| Test Volt. | | 5000 | | | | |
| Wrapper | 3400VC | 2100VC | | | | |

| | | | |
|----------|------------------------------|--------------|---------|
| TUBE | 94007 | IMPREGNATION | VARNISH |
| CORE | 1 1/4 x 3/4 24 ga - 020" gap | PRIMARY V.A. | |
| MOUNTING | A special | | |

C - green
5000 - blue
6600 - red
Wire Wt = 0.540" (0.5400")

Sec. leads out bottom
Pri. leads out grommet - top of case



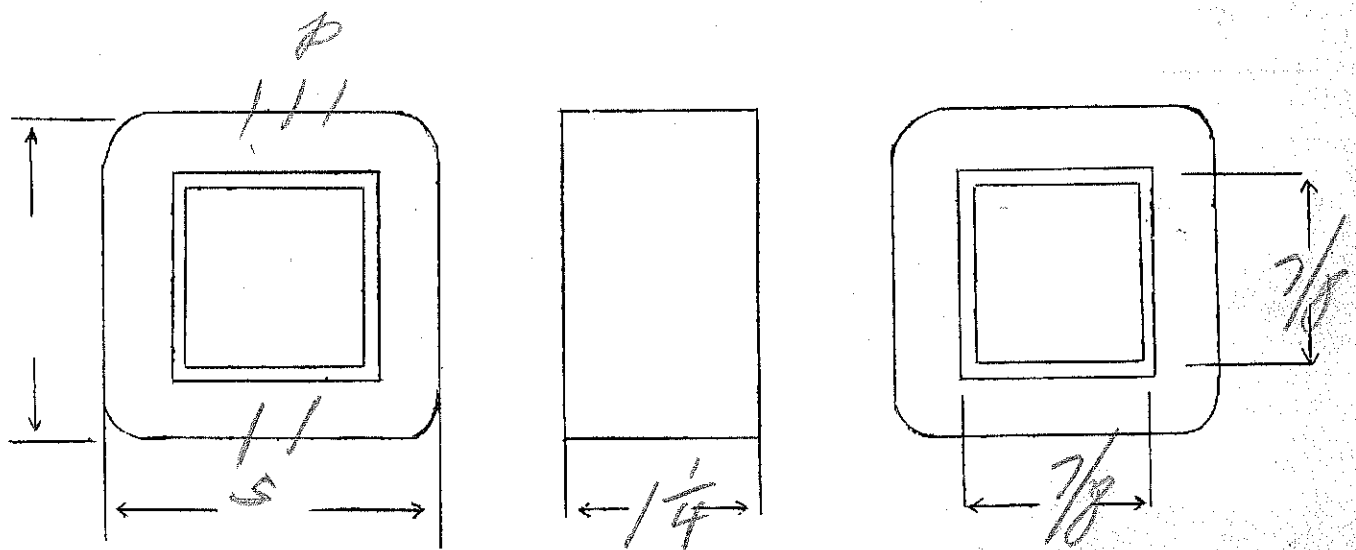
DESIGNED BY *RAW*

DATE 5/5/38

500/250 ohms to 6 ohms

SPEC. NO. 3977

| | | | | | | | |
|--------------|---------------------|---------|--------------|--------------|---------|--|--|
| Winding | PRI | SEC | | | | | |
| Turns | 700 | 75 | | | | | |
| Taps | 490 | - | | | | | |
| Wind. Lgth. | 1 1/16 | | | | | | |
| Wire Size | #21 | #20 | | | | | |
| T.P.L. | 62-12 | 3L | | | | | |
| Kind Term. | WIRE ONLY | | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 40# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 260056A | 260056A | | | | | |
| TUBE | 52007 | | IMPREGNATION | | VARNISH | | |
| CORE | 7/8 x 7/8 - B - 2x2 | | | PRIMARY V.A. | | | |
| MOUNTING | D | | | | | | |



DESIGNED BY *SW*

DATE *5/4/38*

P. 0-300-400-500-600-750-1000 0-amm

S-0-1.5-1.66-1.88-2.15-2.5-3-3.75-5-7.5-15

SPEC. NO. 3978

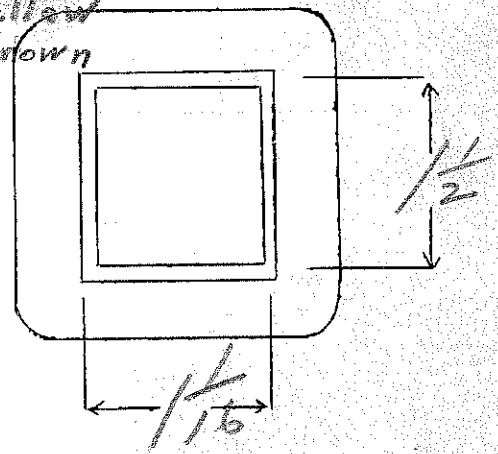
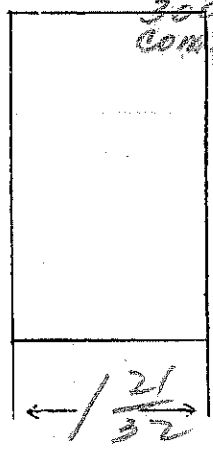
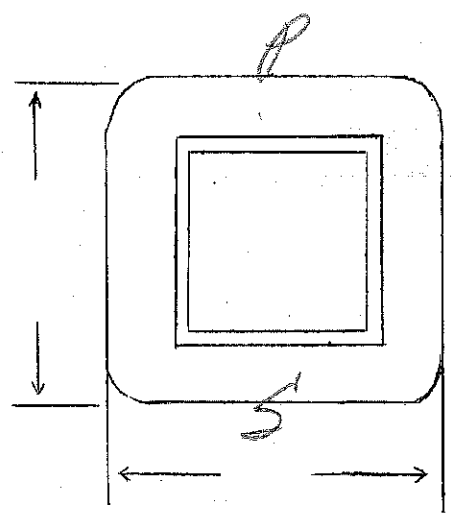
| | | | | | | | |
|--------------|---------------------------------|---|------------------|-------------------|--------------------|--------|--|
| Winding | P | | Continuous | | | | |
| Turns | 750 | | 5 ⁷⁵ | | | | |
| Taps | 93-161-214-268-333 | | 46 ²⁵ | 215 ¹⁵ | 188 ¹⁶⁶ | 19-8 | |
| Wind. Lgth. | 1 ¹⁵ / ₃₂ | T | | | | | |
| Wire Size | #26 | | #15 | | | #17 | |
| T.P.L. | 76- | | | | | | |
| Kind Term. | #20 Paper | | W.O | -sleeving | | | |
| Term. Lgth. | 9" | | 9" | | | | |
| Layer Insul. | 50# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2L005GA | | | | | 2W05GA | |
| TUBE | 71007 | | | IMPREGNATION | VARNISH | | |
| CORE | 24 "B" Grade 2x2 | | | | PRIMARY V.A. | | |
| MOUNTING | A | | | | | | |

Color Code

end of primary is common Pri

- 1000 - Black
- 750 - Red
- 600 - Green
- 500 - Blue
- 400 - white
- 300 - Yellow
- Comm - Brown

SEC.
0 white
Bl Blue



DESIGNED BY *Geo*

DATE 5/11/38

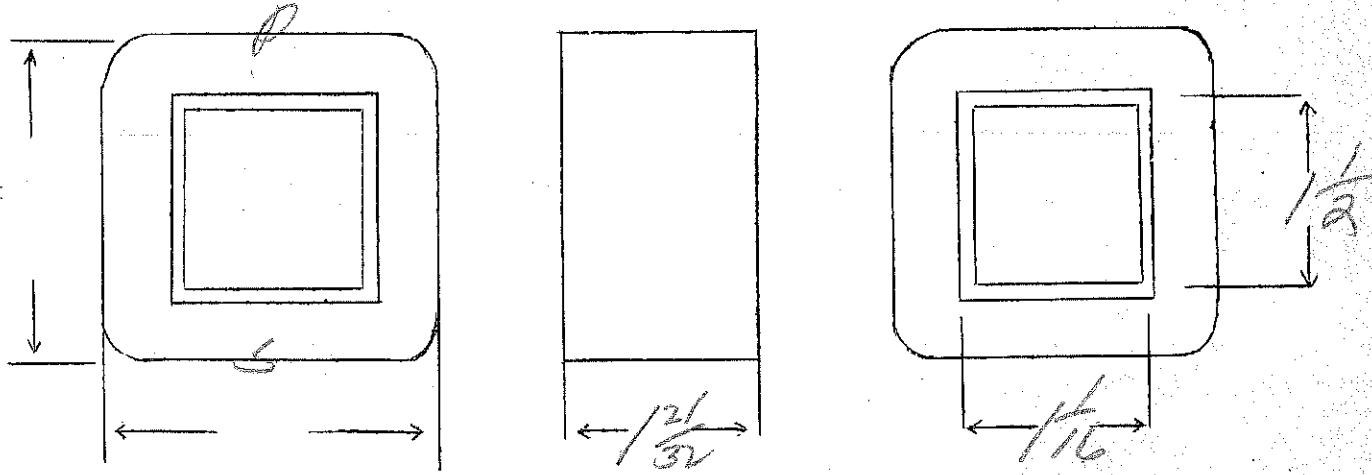
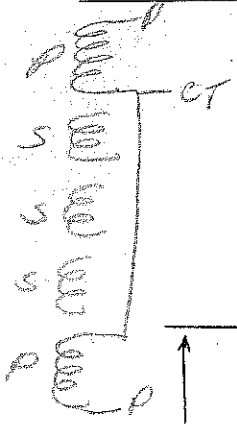
P.P. 2A3 to 3-500 ohm lines

SPEC. NO.

3979

| | | | | | | | |
|--------------|----------------|----------------------|----------------------|----------------------|----------|--|--|
| Winding | <i>P</i> | <i>S₁</i> | <i>S₂</i> | <i>S₃</i> | <i>P</i> | | |
| Turns | 980 | 480 | 480 | 480 | 980 | | |
| Taps | — | — | — | — | — | | |
| Wind. Lgth. | 1 5/32 | ✓ | ✓ | | | | |
| Wire Size | #30 | #28 | #28 | #28 | #30 | | |
| T.P.L. | 123-8 | 96-5 | ✓ | ✓ | 123-8 | | |
| Kind Term. | #20 P on board | | | | | | |
| Term. Lgth. | 9" | | | | | | |
| Layer Insul. | 30# | 40# | ✓ | ✓ | 30# | | |
| Test Volt. | | | | | | | |
| Wrapper | 11007UC | 11005VC | 11005VC | 11007UC | 210050R | | |

| | | | |
|----------|-----------------------|--------------|---------|
| TUBE | 71007 | IMPREGNATION | VARNISH |
| CORE | A Grade - 29 Ga - 2x2 | PRIMARY V.A. | |
| MOUNTING | A | | |



DESIGNED BY *gsw*

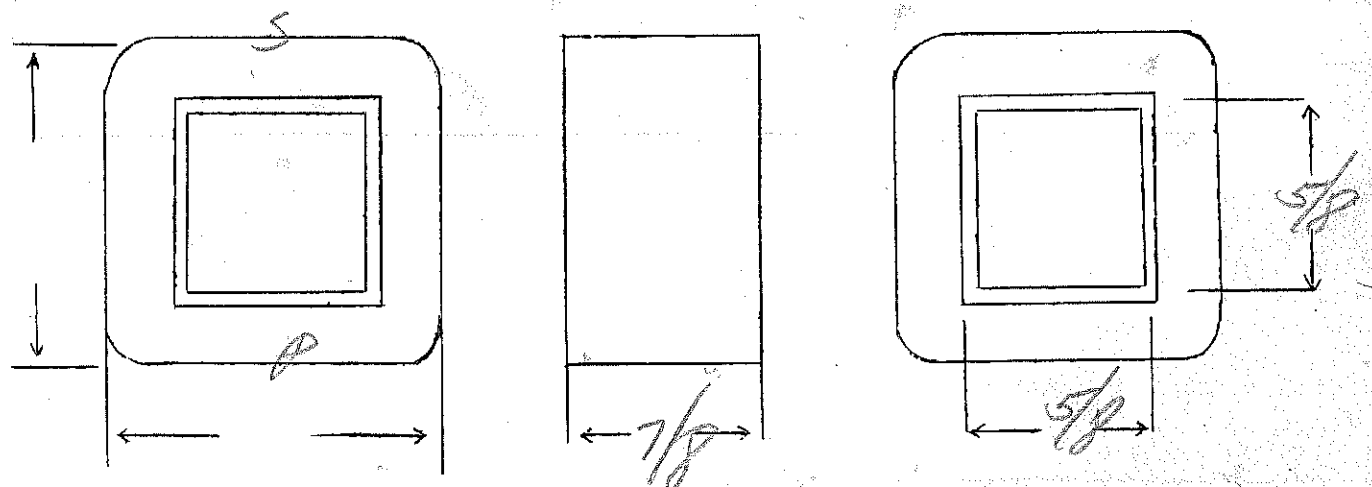
DATE 5/16/38

100 Ω to grid (s.c. mike)

SPEC. NO. 3980

| | | | | | | |
|--------------|---------|---------|--|--|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 8000 | 250 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #40 | #30 | | | | |
| T.P.L. | 200-40 | 63 | | | | |
| Kind Term. | sil Br | | | | | |
| Term. Lgth. | 3// | | | | | |
| Layer Insul. | 12# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 11005Vc | 21005BA | | | | |

| | | | |
|----------|---|--------------|-----|
| TUBE | 46007 | IMPREGNATION | Wax |
| CORE | 29 B-282 | PRIMARY V.A. | |
| MOUNTING | D - mount in special can with 3984-3988 | | |



DESIGNED BY *grw*

DATE *5/26/38*

Output - 8000 R.P. - 15 watt

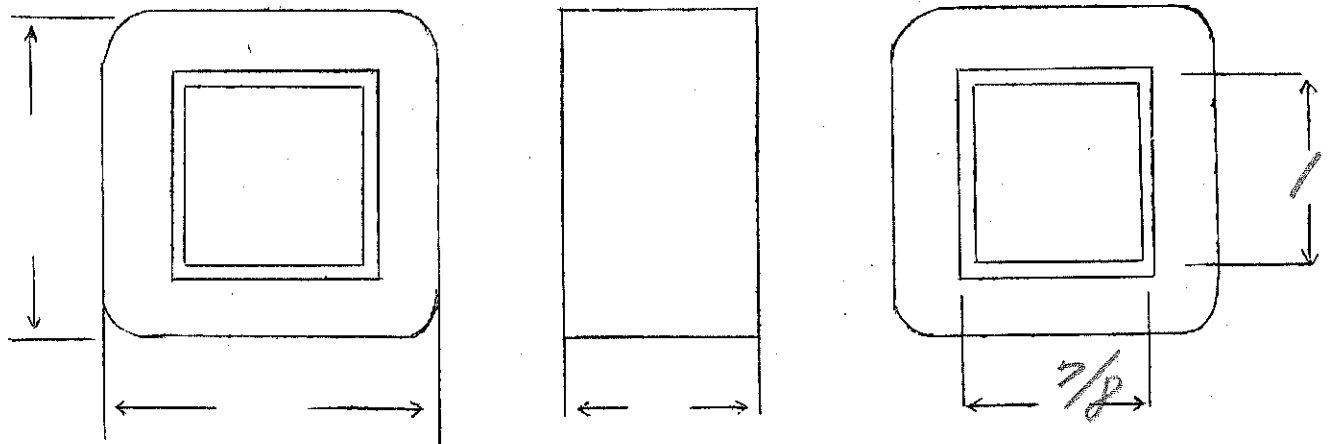
Newcomb

See 2.2-3-44

SPEC. NO. 3981

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | | | | | | | |
| T.P.L. | | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |

| | | | |
|----------|---|--------------|--|
| TUBE | | IMPREGNATION | |
| CORE | | PRIMARY V.A. | |
| MOUNTING | D | | |



DESIGNED BY

DATE

Output 8000 R.P.P - 15 Watts

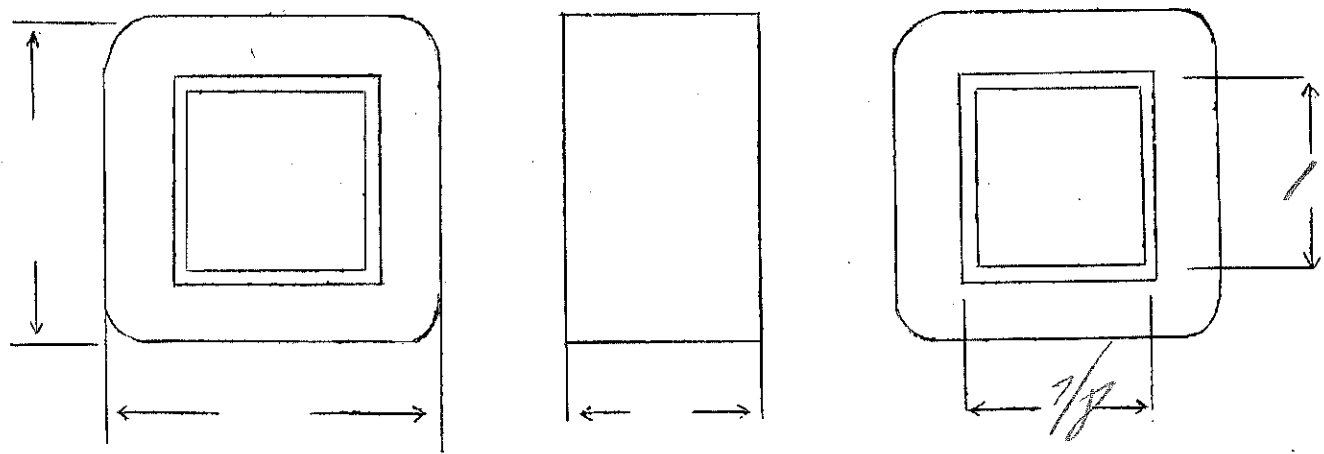
Newcomb

Sec 125-167-250-500 (2-125R)

SPEC. NO. 3412

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | | | | | | | |
| T.P.L. | | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |

| | | | |
|----------|---|--------------|--|
| TUBE | | IMPREGNATION | |
| CORE | | PRIMARY V.A. | |
| MOUNTING | D | | |



DESIGNED BY

DATE

P-7000 Ω (685) 60ma pri

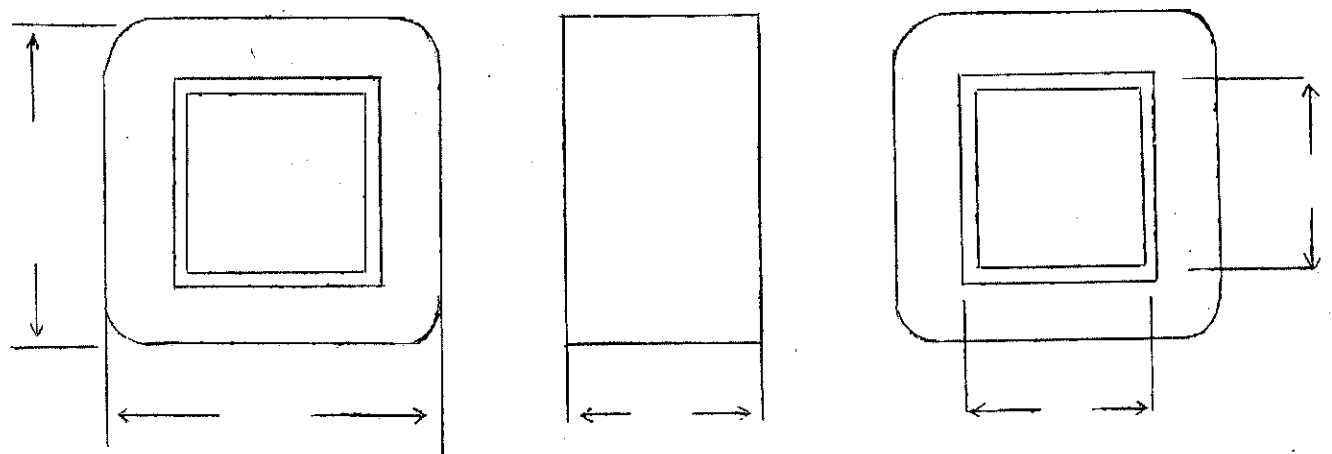
NEWcomb

to 125-167-250-500 Ω (low-12.5 Ω)

SPEC. NO. 3983

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | | | | | | | |
| T.P.L. | | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |

| | | | |
|----------|--|--------------|--|
| TUBE | | IMPREGNATION | |
| CORE | | PRIMARY V.A. | |
| MOUNTING | | | |



DESIGNED BY

DATE

6C5 pt. to Class B 6N7 grid. (300Vpt)
 P-20,000 Ω

$\phi/k_s = 5$

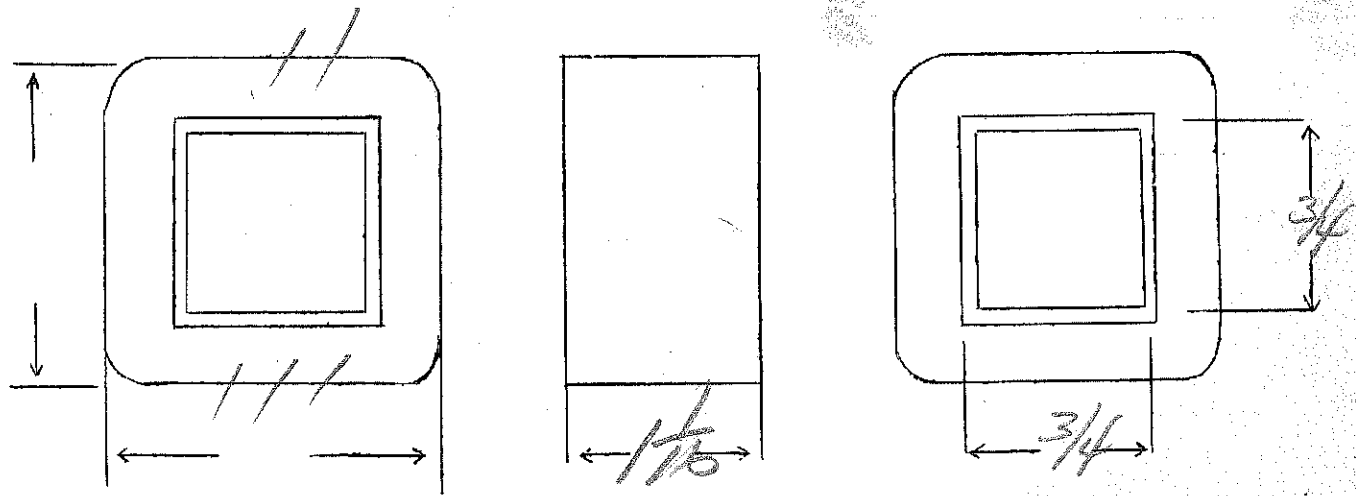
SPEC. NO. 3984 DSD 57

| | | | | | | | |
|--------------|----------------|---------|--|--|--|--|--|
| Winding | PRI | SEC | | | | | |
| Turns | 4500 | 1800 | | | | | |
| Taps | — | 900 | | | | | |
| Wind. Lgth. | 7/8" | | | | | | |
| Wire Size | #38 | #34 | | | | | |
| T.P.L. | 182 | 113-16 | | | | | |
| Kind Term. | SL | Bi | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 16# | 16# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1400SV 4149 | 2400S6A | | | | | |

TUBE | 4L007 | IMPREGNATION | Varnish

CORE | 29B-B-2X2 | PRIMARY V.A. |

MOUNTING | D-mount in special box



DESIGNED BY Gen

DATE 5/26/38

ϕ - 50000 4000 SET
 S - 6000 Ω
 S - 3 Ω

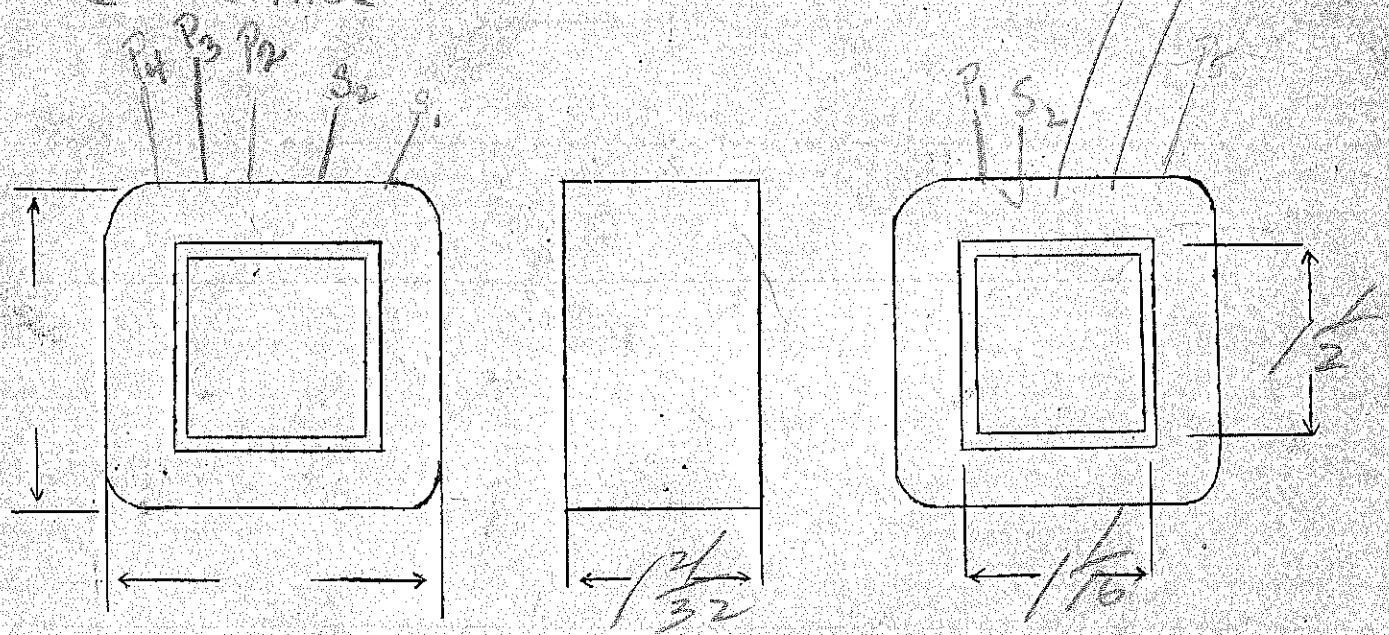
10 wet bands

SPEC. NO. 3985

| | | | | | | | |
|--------------|----------|------------------|--|---------|--|--|--|
| Winding | SEC | PRI | | SEC | | | |
| Turns | 2500 | 2300 | | 55 | | | |
| Taps | - | 2150 | | - | | | |
| Wind. Lgth. | 13/8 | 1150 - 150 | | - | | | |
| Wire Size | #31 | #33 | | #20 | | | |
| T.P.L. | 130-20 | 168 | | | | | |
| Kind Term. | #20 P.M. | | | | | | |
| Term. Lgth. | 91 | | | | | | |
| Layer Insul. | 30# | 30# | | | | | |
| Test Volt. | 2500 | 2500 | | | | | |
| Wrapper | 2000VC | 2000VC 110056 | | 200056A | | | |

TUBE 71007 IMPREGNATION VARNISH
 CORE 1/16 x 1/2 - 29A-B - 015" PRIMARY V.A.
 MOUNTING A

Pri 5000 - Black
 4000 - Brown
 CT white



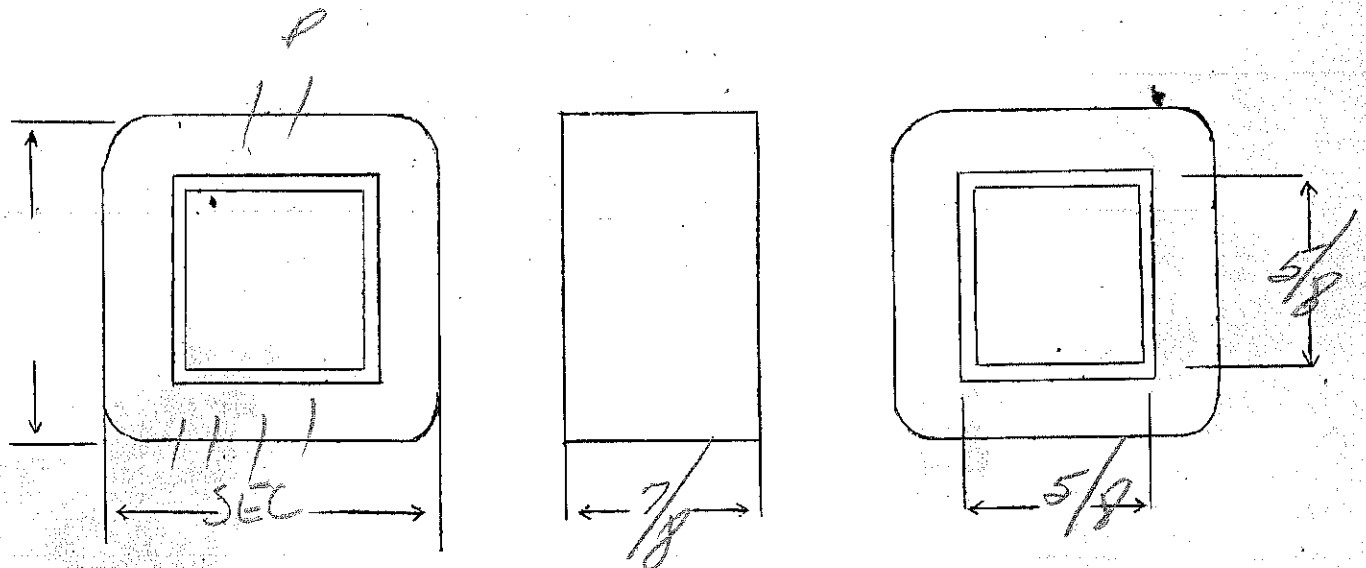
DESIGNED BY *gw*

DATE 5/11/38

2000 ohm pentode to 500-750-1000 ohm

SPEC. NO. 3986

| | | | | | | |
|--------------|----------------------|---------|--------------|---------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 2500 | 950 | | | | |
| Taps | — | 825-685 | | | | |
| Wind. Lgth. | 3/4 | 3/4 | | | | |
| Wire Size | #38 | #34 | | | | |
| T.P.L. | 133-19 | 98-11 | | | | |
| Kind Term. | sil Braid | | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 16# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 16005VC | 26005GA | | | | |
| TUBE | 4007 | | IMPREGNATION | VARNISH | | |
| CORE | 29 Ga - B - .005 gms | | PRIMARY V.A. | | | |
| MOUNTING | D | | | | | |



DESIGNED BY *Law*

DATE *4/20/38*

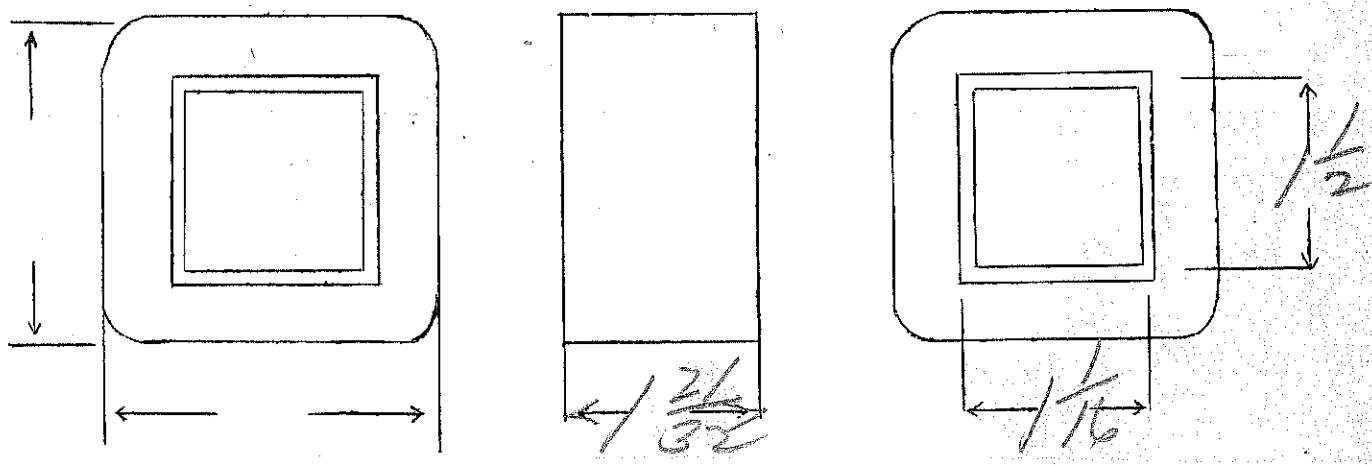
AP6B50 101-500Ω
 ✓ 500Ω
 ✓ 8000Ω

OUTPUT TRANSFORMER

RADIO SUPPLY CO.

SPEC. NO. 3987

| | | | | | | | |
|--------------|---------------------------------|-----------|------------------|------------------|--------------|--|--|
| Winding | SEC ₁ | PR1 | SEC ₂ | SEC ₃ | | | |
| Turns | 2400 | 3800 | 590 | 590 | | | |
| Taps | — | 1900 | — | — | | | |
| Wind. Lgth. | 1 ¹⁵ / ₃₂ | | | | | | |
| Wire Size | #35 | #34 | #28 | #29 | | | |
| T.P.L. | 218-11 | 190-20 | 98-6 | 110-6 | | | |
| Kind Term. | #20 | PR1 Bind | | | | | |
| Term. Lgth. | 9" | 9" | 9" | 9" | | | |
| Layer Insul. | double 20# | ✓ | ✓ | — | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1000 V.C. | 1000 V.C. | 1000 V.C. | 2000 V.C. | | | |
| TUBE | 7607 | | IMPREGNATION | | Varnish | | |
| CORE | A/grade - 2x2 | | 29# | | PRIMARY V.A. | | |
| MOUNTING | A | | | | | | |



DESIGNED BY *Jgw*

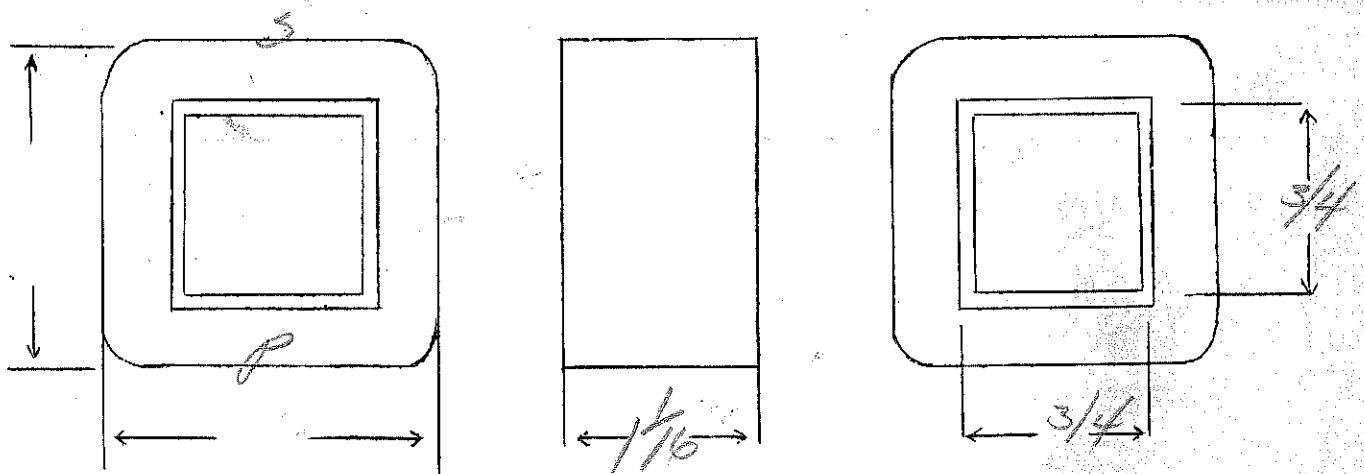
DATE *7/27/38*

6N7 Class B to modulate 1-807 $E_p - 300V$, $Z_p - 60\Omega$
 $Z_s - 10,000\Omega$
 $Z_s - 5,000\Omega$

SPEC. NO. 3988

| | | | | | | |
|--------------|--------------------------------|---------|--------------|-----------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 2400 | 1700 | | | | |
| Taps | 1200 | — | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | |
| Wire Size | #35 | #33 | | | | |
| T.P.L. | 134-18 | 107-16 | | | | |
| Kind Term. | SW | RN | | | | |
| Term. Lgth. | 3' | 3' | | | | |
| Layer Insul. | 20# | 20# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 12007VC | 21005SA | | | | |
| TUBE | 5L007 | | IMPREGNATION | VARNISH # | | |
| CORE | 24De - 005" gap | | PRIMARY V.A. | | | |
| MOUNTING | D - mount in special metal box | | | | | |

finish for 1000v.



DESIGNED BY

gsw

DATE

5/26/38

3988

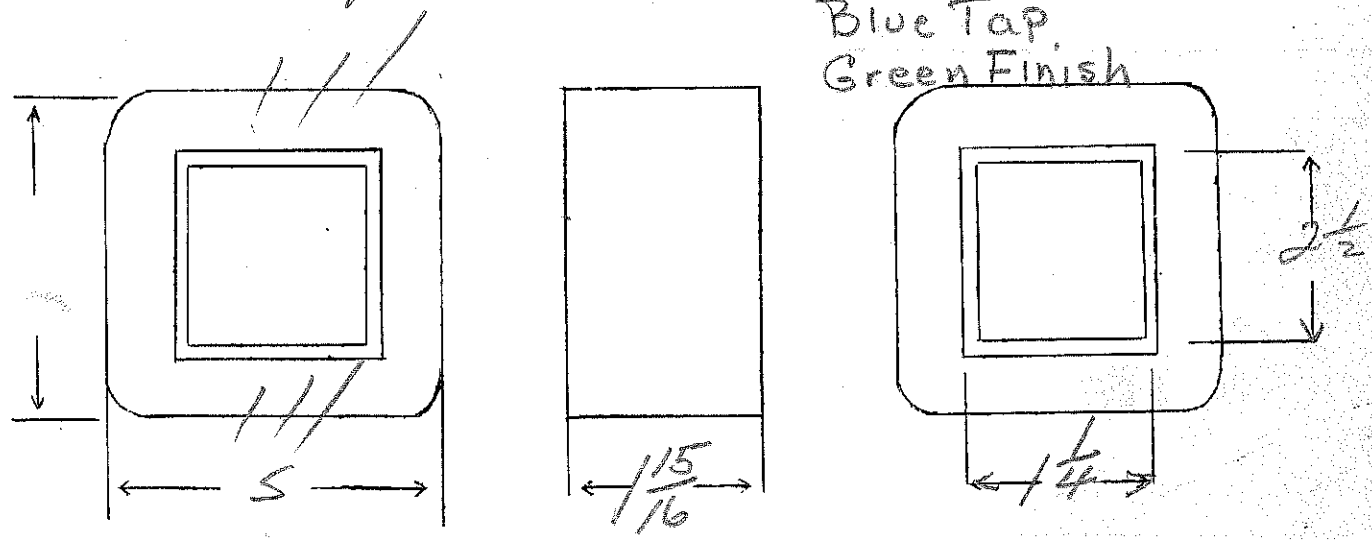
2-100 $\frac{3}{32}$ // $\frac{3}{32}$ 5000 Ω - 300 ma
 2500 Ω

SPEC. NO. 3989

| | | | | | | |
|--------------|-----------------------------|---------------------------|--|--|--|-------------------|
| Winding | PRI | SEC | | | | |
| Turns | 3000 | 2400 | | | | |
| Taps | 1500 | 1700 | | | | |
| Wind. Lgth. | 15/8 | ✓ | | | | |
| Wire Size | #33 | #28 | | | | |
| T.P.L. | 190-16 | 107-24 | | | | |
| Kind Term. | # 20 pulac | # 20 pulac - V.C. Blewing | | | | |
| Term. Lgth. | 9" | 9" | | | | |
| Layer Insul. | double 20 | double 20 | | | | |
| Test Volt. | | 5M | | | | |
| Wrapper | 46 48 24007VC | 24007VC 24007EA | | | | Double Varnish |

TUBE 96007 | IMPREGNATION |
 CORE 2400 - .015" JT | PRIMARY V.A. |
 MOUNTING A

heavy finishing! interleave 3 E's for hum
 Primary - Black
 Yellow CT.
 Sec - Red Start
 Blue Tap
 Green Finish



DESIGNED BY [Signature] DATE 4/20/38

PP 6V6 (8000 Ω) to output

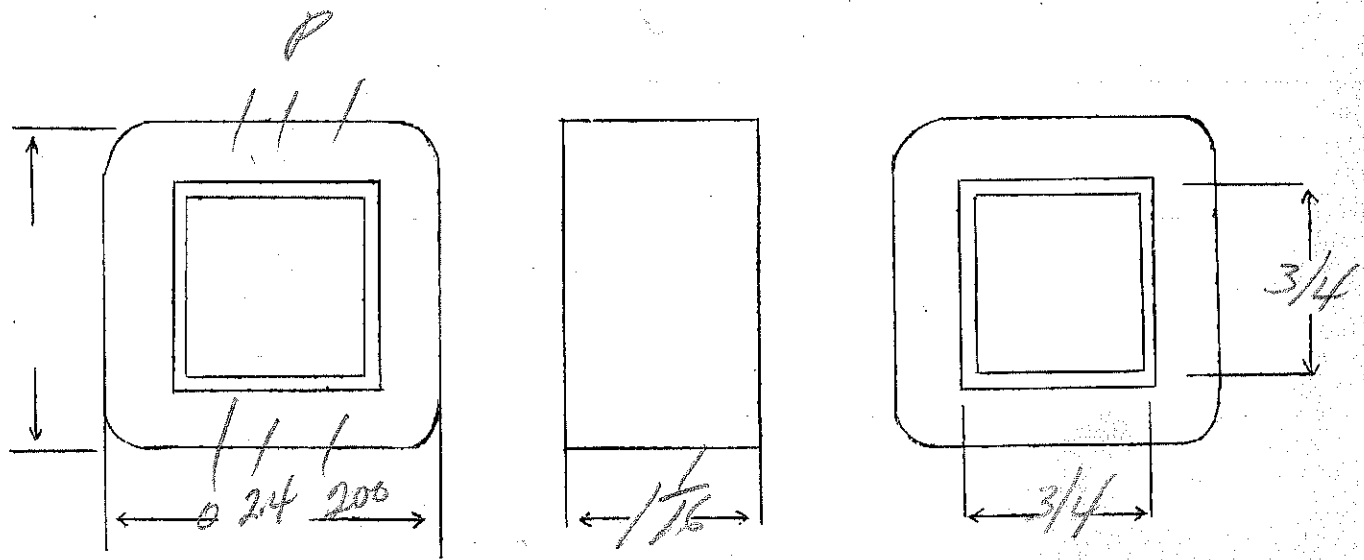
0.200 Ω
 4 Ω + 6 Ω Pr. - 2.4 ohm
 SPEC. NO. 3990

not in PR15 continuum

| | | | | | | | |
|--------------|------------------|---------|------------------|--|--|--|--|
| Winding | S ₁ ✓ | P | S ₂ ↓ | | | | |
| Turns | 395 | 3100 | 49 | | | | |
| Taps | | 1550 | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | | |
| Wire Size | #29 | #37 | #20 | | | | |
| T.P.L. | 66-62 | 158-20 | 2L | | | | |
| Kind Term. | W.O. | S.P.B. | W.O. | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | 30# | 20# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 10005VC | 20005GA | 10005GA | | | | |

| | | | |
|----------|-----------------|--------------|---------|
| TUBE | 4007 | IMPREGNATION | YARNISH |
| CORE | 29 BA - B - 2X2 | PRIMARY V.A. | |
| MOUNTING | D | | |

end of S₂ is common
 Multw. - Right
 S. Winder - Left



DESIGNED BY Law

DATE 5/26/38

Input - 26 F6 Trade to PP Per 6450

1127/1

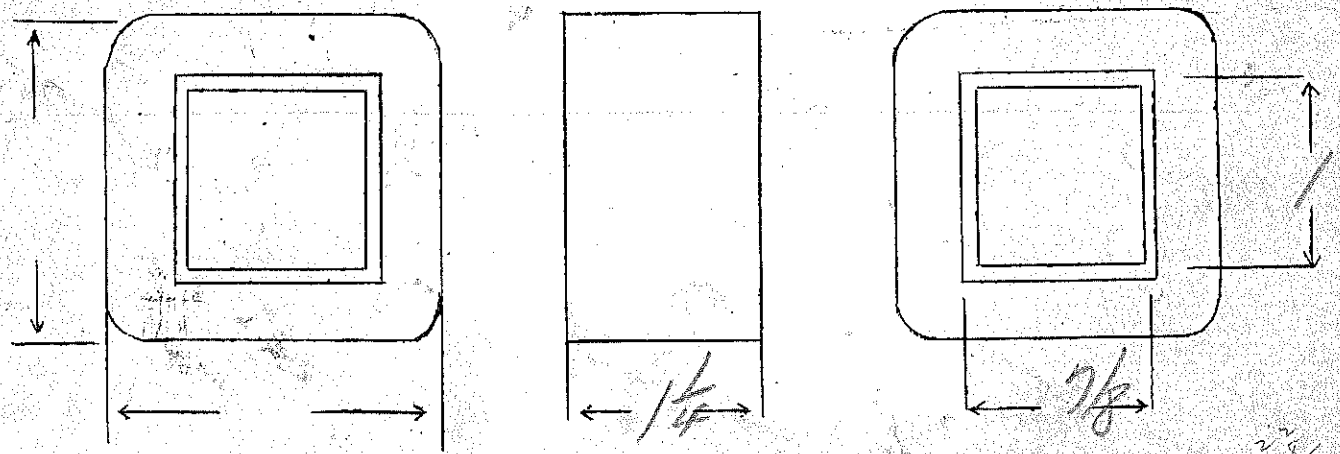
$P/\frac{1}{2}S = 2.5:1$

SPEC. NO. 399

| Winding | SEC | PRI | SEC | | | | |
|--------------|-----------------|--------|---------|--|--|--|--|
| Turns | 1925 | 4900 | 1925 | | | | |
| Taps | | 2450 | | | | | |
| Wind. Lgth. | $1\frac{1}{16}$ | ✓ | ✓ | | | | |
| Wire Size | #36 | #36 | #36 | | | | |
| T.P.L. | 175-11 | 175-28 | 175-11 | | | | |
| Kind Term. | #30 | Par | Par | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 20# | ✓ | ✓ | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 10005V | 10005V | 200056A | | | | |

| | | | |
|----------|----------------|--------------|---------|
| TUBE | 52007 | IMPREGNATION | VARNISH |
| CORE | 29-A Grade-2x2 | PRIMARY V.A. | |
| MOUNTING | A | | |

Sec₁ St - Red
 Fr - Blue
 Sec₂ St - Blue
 Fr - Red



DESIGNED BY Gw

DATE 5/25/38

$\frac{2.5}{5}$

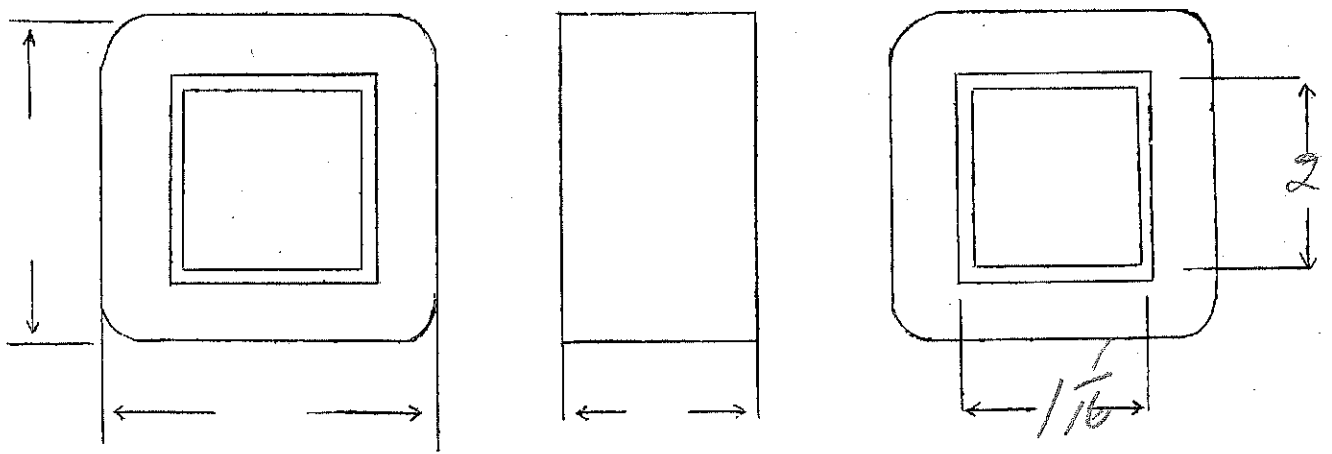
output P.O. 626 (6600 r.p.m) - 30 watts

140000000

to 2-3-4-6-8-12-16-125-167-250-500 SPEC. NO. 3992

| | | | | | | | |
|--------------|---|--|--|--------------|--|--|--|
| Winding | | | | | | | |
| Turns | | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | | | | | | | |
| T.P.L. | | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |
| TUBE | | | | IMPREGNATION | | | |
| CORE | | | | PRIMARY V.A. | | | |
| MOUNTING | C | | | | | | |

P - leads
S - Imp marked



DESIGNED BY

DATE

output 8000 Ω P.P.C (15 wtd)

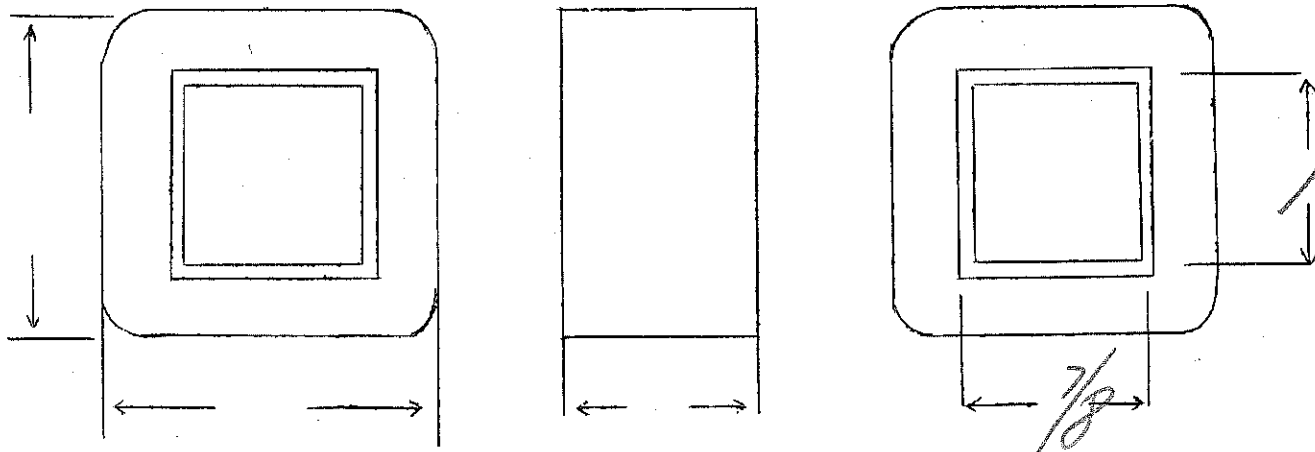
Newcomb

Sec - 125-167-250-500
also 2.2-3-4.4- Ω

SPEC. NO. 3993

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | | | | | | | |
| T. P. L. | | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | | | | | | | |

| | | | |
|----------|----------|--------------|--|
| TUBE | | IMPREGNATION | |
| CORE | | PRIMARY V.A. | |
| MOUNTING | <u>D</u> | | |



DESIGNED BY

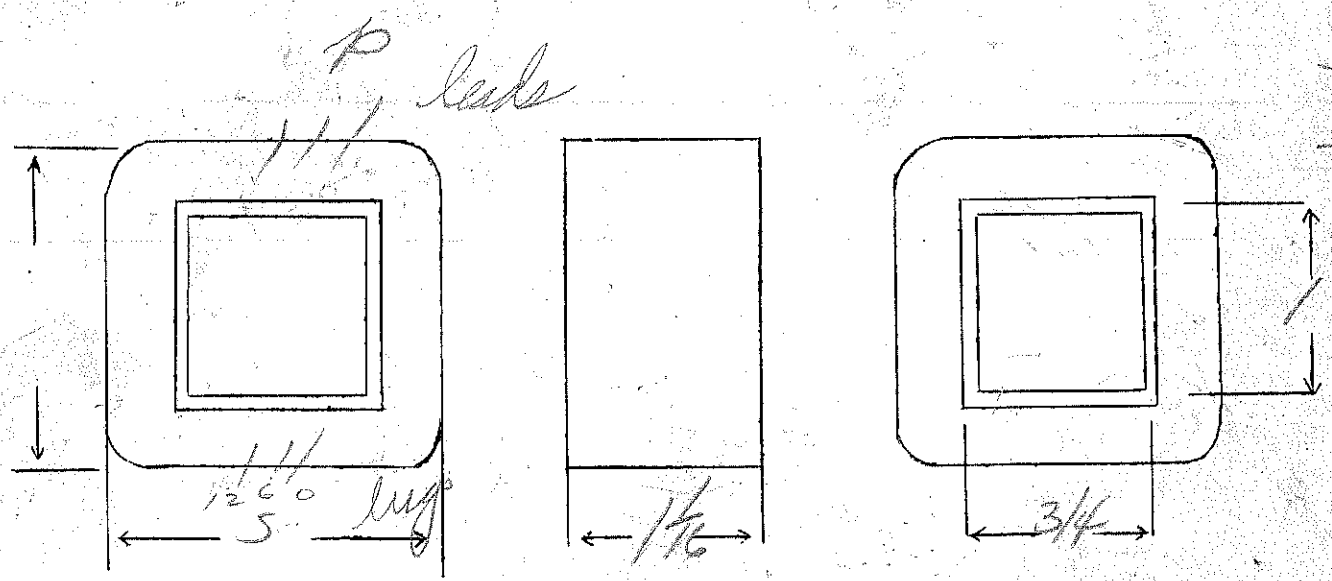
DATE

PP2A3 to 6 or 12 ohms - 15 watts

WILLIAMS ELECTRONIC CO.

SPEC. NO. 3994

| | | | | | | |
|--------------|-----------------------|--------------|---------|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 2060 | 100 | | | | |
| Taps | 1030 | 71 | | | | |
| Wind. Lgth. | 7/8 | - | | | | |
| Wire Size | #34 | #21 | | | | |
| T.P.L. | 115-18 | 44 | | | | |
| Kind Term. | #20 Pwr/Pwr | w.o | | | | |
| Term. Lgth. | 5 1/2 | 3 1/2 | | | | |
| Layer Insul. | 30# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2005GA | 2005GA | | | | |
| TUBE | 41007 | IMPREGNATION | VARNISH | | | |
| CORE | 3/4 x 1 - 290 B - 2x2 | PRIMARY V.A. | | | | |
| MOUNTING | D | | | | | |



DESIGNED BY

SW

DATE

4/20/38

output - 100 Per GASG - fixed bias - 30 walt

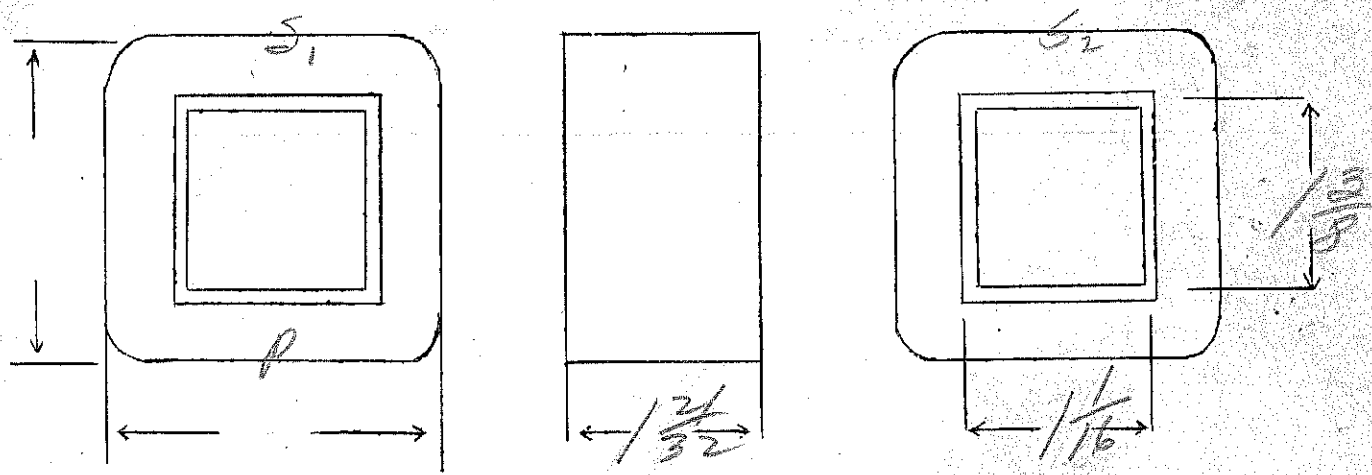
to 4-8 - 250 - 500 ohm $\rho/33 = 3.1$

SPEC. NO. 3995

| | | | | | | |
|--------------|------------------|---------|------------------|--|--|--|
| Winding | SEC ₁ | PRI | SEC ₂ | | | |
| Turns | 700 | 1200 | 87 | | | |
| Taps | 200 | 600 | 62 | | | |
| Wind. Lgth. | 1 15/32 | ✓ | ✓ | | | |
| Wire Size | #28 | #28 | #18 | | | |
| T.P.L. | 100 | 100 | | | | |
| Kind Term. | #20 | Par Par | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | |
| Layer Insul. | 40# | 40# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 1000VC | 2005GA | 2005GA | | | |

| | | | |
|----------|--------------------|--------------|---------|
| TUBE | 6L007 | IMPREGNATION | VARNISH |
| CORE | 29 - B Grade - 2x2 | PRIMARY V.A. | |
| MOUNTING | A | | |

end of sec₁ is common
 @ common - Red
 Tap - Blue
 Start - Brown



DESIGNED BY *Jim*

DATE 5/25/38

500 Ω to 3.2 Ω - see 3950

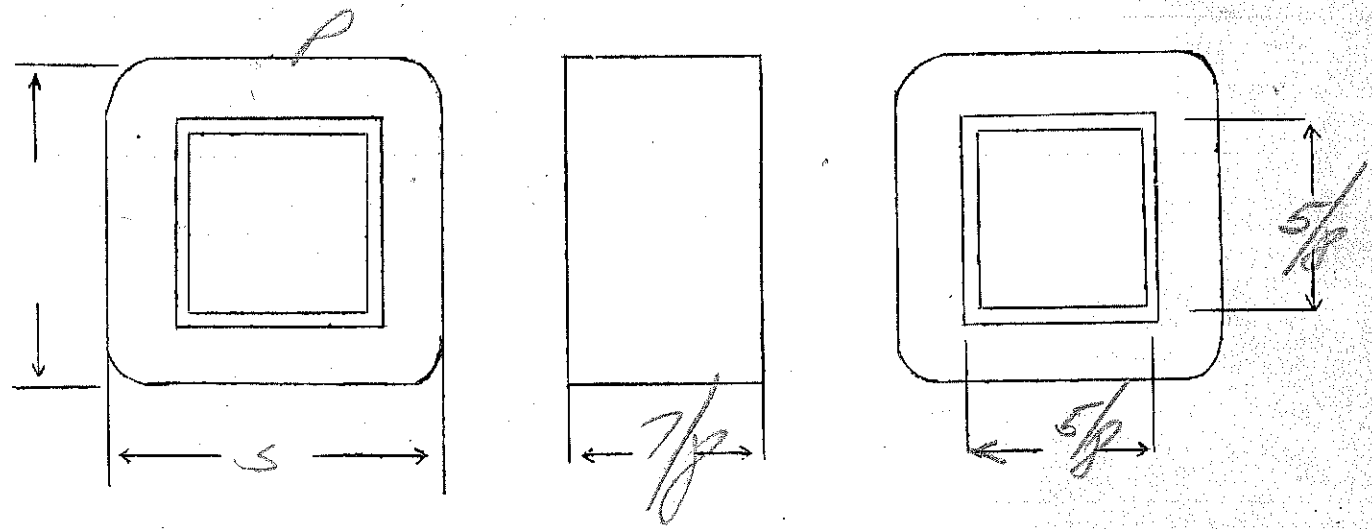
SOUND PRODUCTS CO.

SPEC. NO. 3996

Black Blue

| | | | | | | | |
|--------------|--------------|-------------|--|--|--|--|--|
| Winding | P | S | | | | | |
| Turns | 600 | 50 | | | | | |
| Taps | - | | | | | | |
| Wind. Lgth. | 3/4 | | | | | | |
| Wire Size | #31 | #21 | | | | | |
| T.P.L. | 70-9 | | | | | | |
| Kind Term. | #20 Pm Bm | w.o. sleeve | | | | | |
| Term. Lgth. | 9" | 9" | | | | | |
| Layer Insul. | 20# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 20056A | 20056P | | | | | |

| | | | |
|----------|-------------------------|--------------|---------|
| TUBE | 51007 | IMPREGNATION | VARNISH |
| CORE | 5/8 x 5/8 - 29 BR B 2x2 | PRIMARY V.A. | |
| MOUNTING | D leads downward | | |



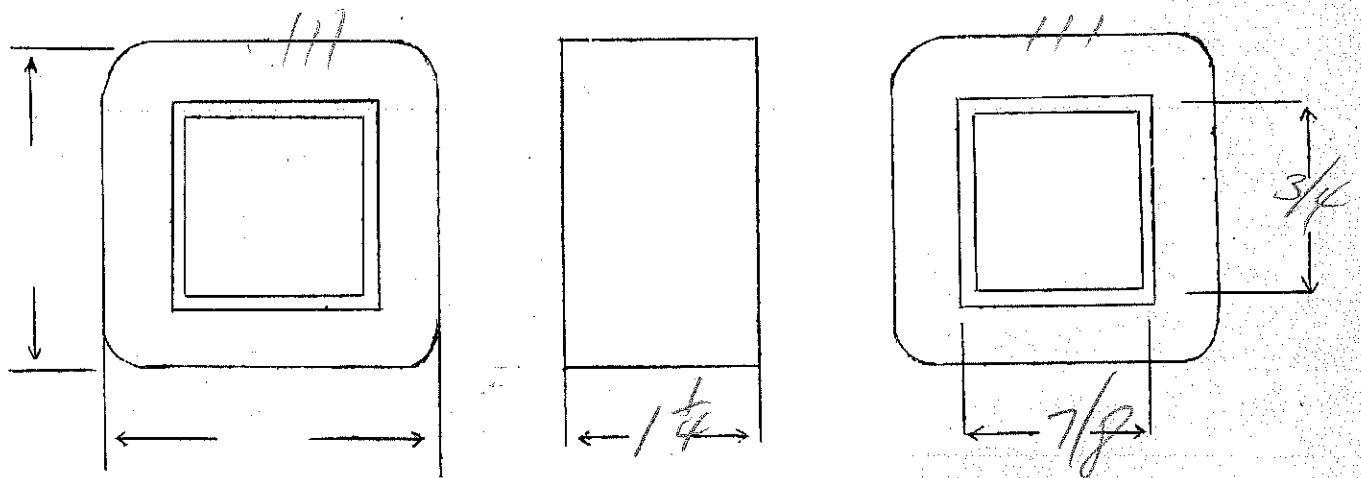
DESIGNED BY Law

DATE 5/31/38

30-gal

SPEC. NO. 3997

| | | | | | | | |
|--------------|--------------|---------|--------------|--------------|-----|--|--|
| Winding | SEC | PRI | | | | | |
| Turns | 9,000 | 50 | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1 1/16 | ✓ | | | | | |
| Wire Size | #39 | #21 | | | | | |
| T.P.L. | 245 | | | | | | |
| Kind Term. | # 20 Pas low | | | | | | |
| Term. Lgth. | 9" | 9" | | | | | |
| Layer Insul. | 16" | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 210056A | 210056B | | | | | |
| TUBE | 7/8 x 3/4 | | IMPREGNATION | | Wax | | |
| CORE | 29-B-2x2 | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |



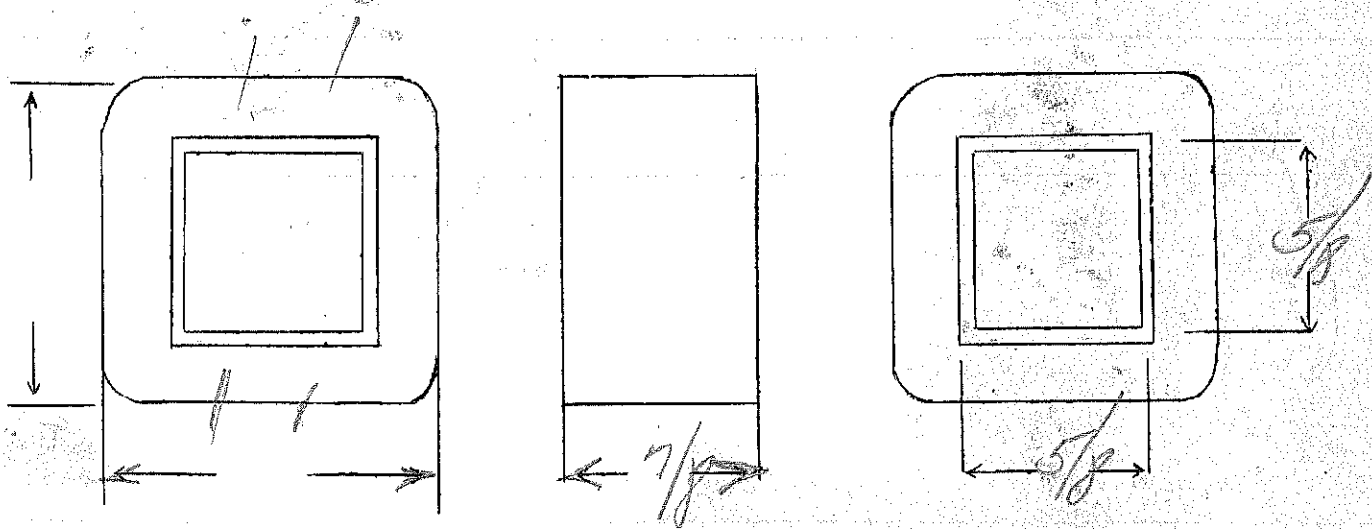
DESIGNED BY *Jaw*

DATE 3/24/38

7000 n to 500

SPEC. NO. 3998

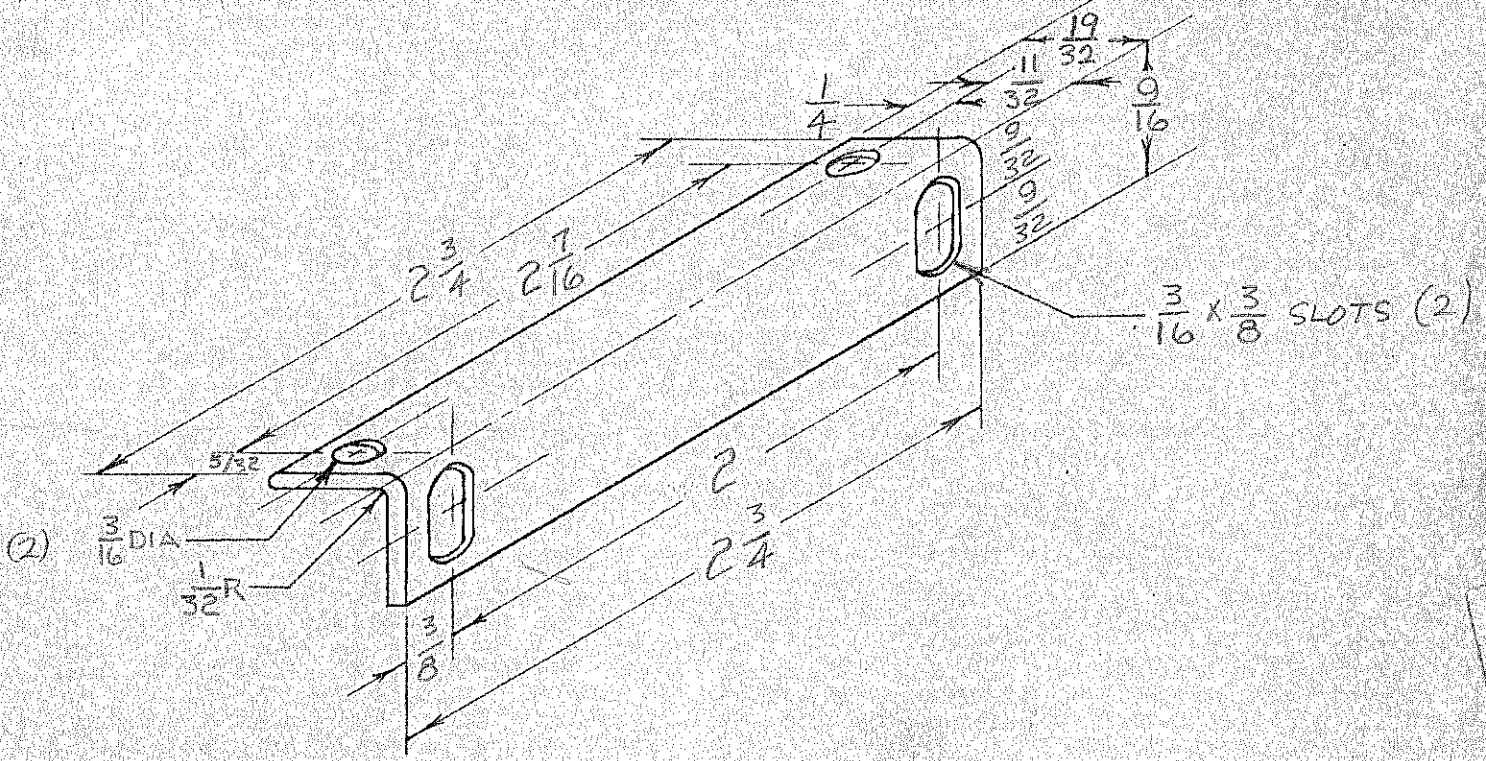
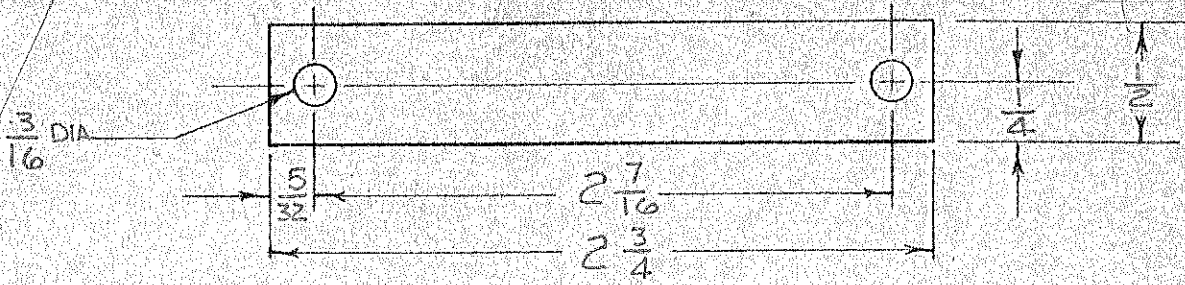
| | | | | | | |
|--------------|-----------------------------|---------|--------------|--------------|--|--|
| Winding | P | S | | | | |
| Turns | 2500 | 670 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 3/4 | | | | | |
| Wire Size | #37 | #31 | | | | |
| T.P.L. | 139-18 | 70-10 | | | | |
| Kind Term. | Sil Bu | Sil Bu | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 16# | 20# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 210056A | 210056A | | | | |
| TUBE | 51007 | | IMPREGNATION | Varnish | | |
| CORE | 005" gap - 24 AWG - B Grade | | | PRIMARY V.A. | | |
| MOUNTING | D | | | | | |



DESIGNED BY GW

DATE 6/3/38

EI 1/2 3φ
BB



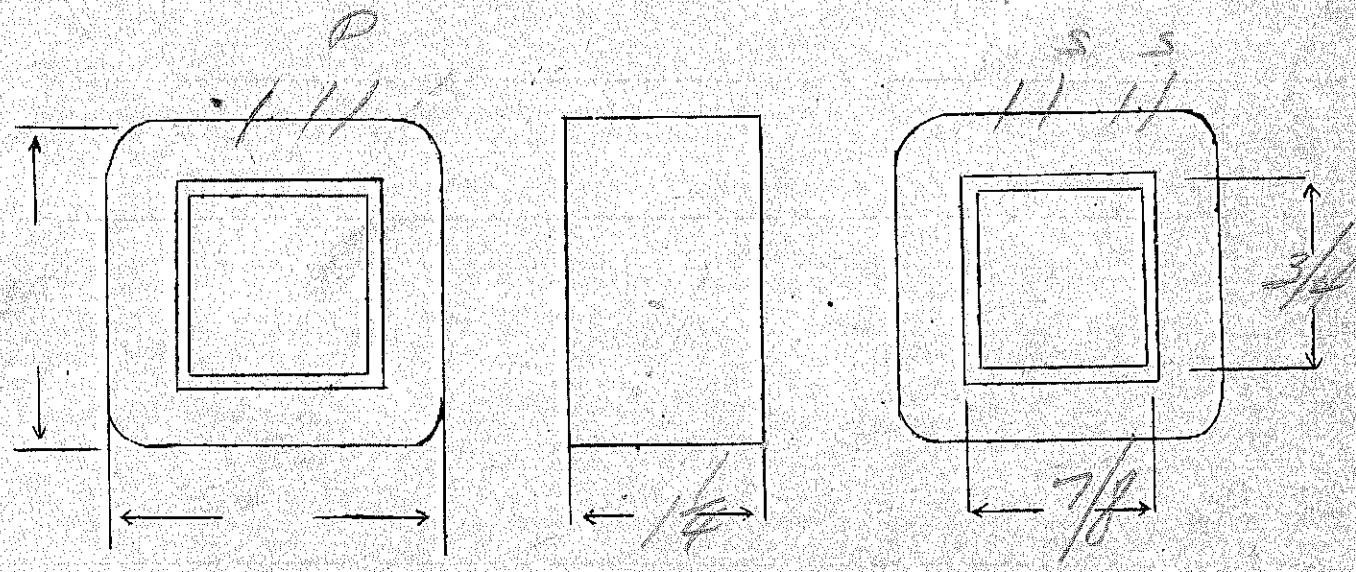
| SHEET METAL SHEET | | | |
|-------------------|----------|------------------|-------------|
| CUSTOMER STOCK | | JOB NO. 3999 | |
| FINISH CAD PLATE | | DUE DATE V. Rush | |
| PART | QUANTITY | SHEAR SIZE | DESCRIPTION |
| FLAT BKTS | 200 | 1/2 x 2 3/4 | 20 GA CRS |
| ANGLE BKTE | 100 | 3/32 x 2 3/4 | 20 GA CRS |
| | | | |
| | | | |

PP 6V6 to 500 + 5 ohm

two output windings used simultaneously SPEC. NO. 3999

| Winding | SEC | PR1 | SEC | | | | |
|--------------|--------|---------|---------|--|--|--|--|
| Turns | 540 | 3400 | 54 | | | | |
| Taps | | 1700 | | | | | |
| Wind. Lgth. | 1 1/6 | ✓ | ✓ | | | | |
| Wire Size | #31 | #36 | #21 | | | | |
| T.P.L. | 96-6 | 170-20 | 24 | | | | |
| Kind Term. | #20 P | #21 P | w.c. | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 30# | 20# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 11007K | 210056A | 210056A | | | | |

| | | | |
|----------|--------------|--------------|---------|
| TUBE | 5L007 | IMPREGNATION | Varnish |
| CORE | 29 GA-B- 2x2 | PRIMARY V.A. | |
| MOUNTING | A | | |



DESIGNED BY *gww*

DATE 6/6/38