

Filter Choke 10405 henries

2500 v
.1 mfd

SPEC. NO. 3001 coil

| | | | | | | | |
|--------------|-------|--|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | 266 | | | | | | |
| Taps | — | | | | | | |
| Wind. Lgth. | 3/4 | | | | | | |
| Wire Size | 27 | | | | | | |
| T.P.L. | 45-6 | | | | | | |
| Kind Term. | 5/Bv | | | | | | |
| Term. Lgth. | 3 | | | | | | |
| Layer Insul. | 30* | | | | | | |
| Test Volt. | 24005 | | | | | | |
| Wrapper | AL007 | | | | | | |

TUBE

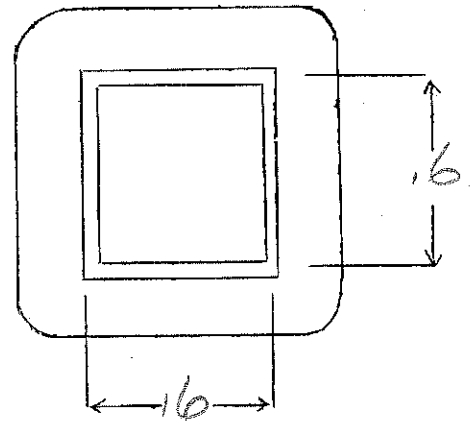
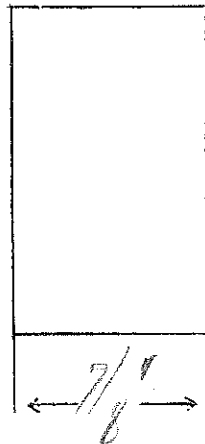
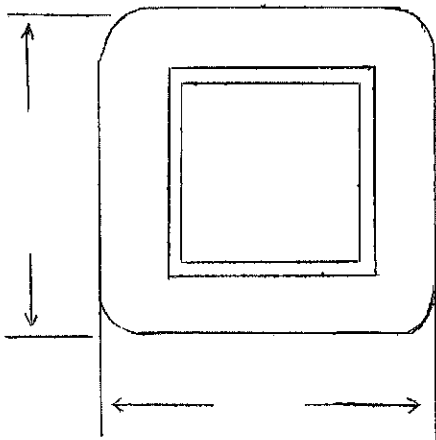
IMPREGNATION

CORE

16

PRIMARY V.A.

MOUNTING



DESIGNED BY

DATE

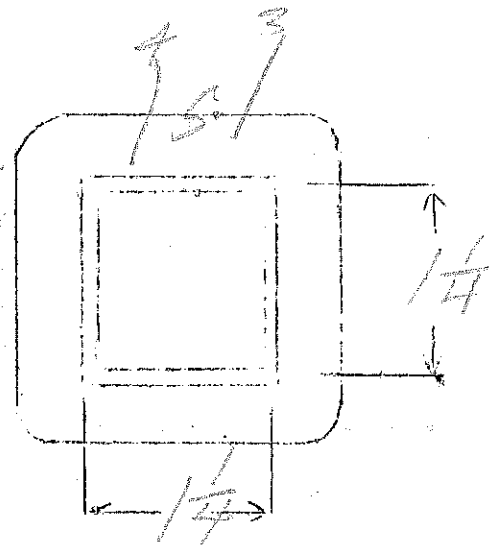
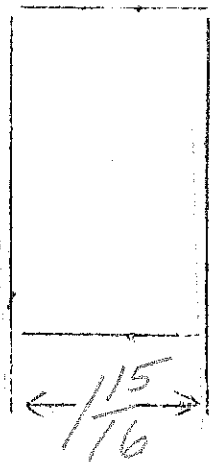
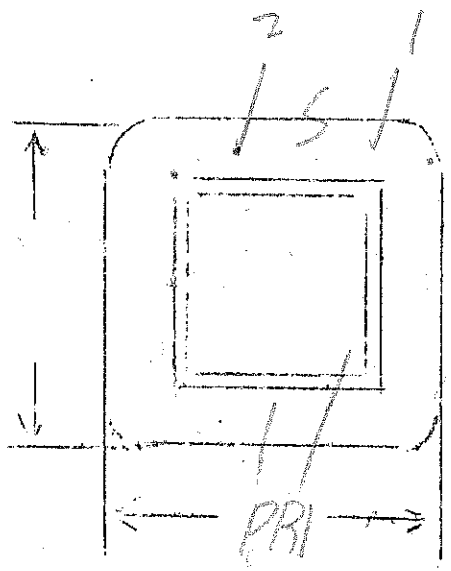
1257

7.0, 6.5, 6.0 Volts - 16 amp

38

SPEC. NO. 3001

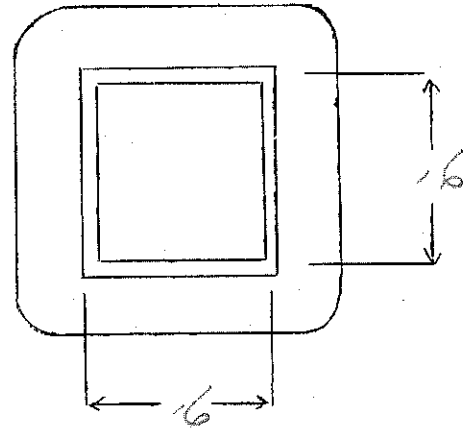
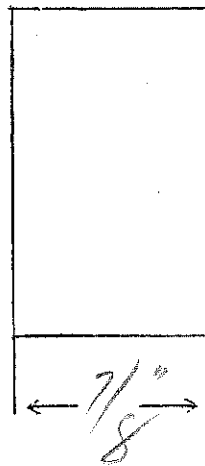
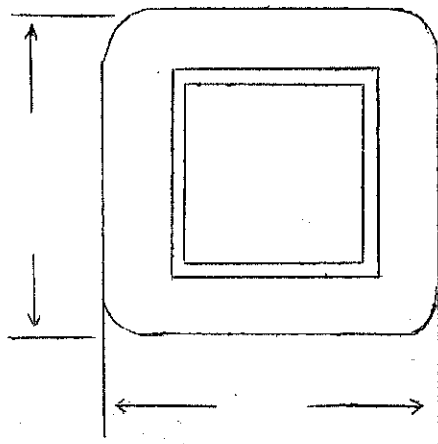
| | | | | | | |
|--------------|-----------|-----------------|--------------|--|---------|--|
| Winding | PRI | SEC | | | | |
| Turns | 475 | 29 | | | | |
| Taps | — | 27-25 | | | | |
| Wind. Lgth. | 1.75 | — | | | | |
| Wire Size | #21 | #11 Rectangular | | | | |
| T.P.L. | 48-10 | 0 | | | | |
| Kind Term. | WIRE ONLY | 5/11 P. strands | | | | |
| Term. Lgth. | 4 | .4K | | | | |
| Layer Insul. | 50# | | | | | |
| Wrapper | 2L0070A | 2L0070A | | | | |
| TUBE | 7L007 | | IMPREGNATION | | VARNISH | |
| CURE | 1/4 X 1/4 | | | | | |



Filter Choke = .618 henries
 640v
 1 mfd

SPEC. NO. 3000 coil

| | | | | | | | |
|--------------|-------|--------------|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | 1040 | | | | | | |
| Taps | — | | | | | | |
| Wind. Lgth. | 3/4 | | | | | | |
| Wire Size | 30- | | | | | | |
| T.P.L. | 63-17 | | | | | | |
| Kind Term. | 51Bv | | | | | | |
| Term. Lgth. | 3" | | | | | | |
| Layer Insul. | 30" | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 24005 | | | | | | |
| TUBE | 44007 | IMPREGNATION | | | | | |
| CORE | .6 | PRIMARY V.A. | | | | | |
| MOUNTING | | | | | | | |



DESIGNED BY

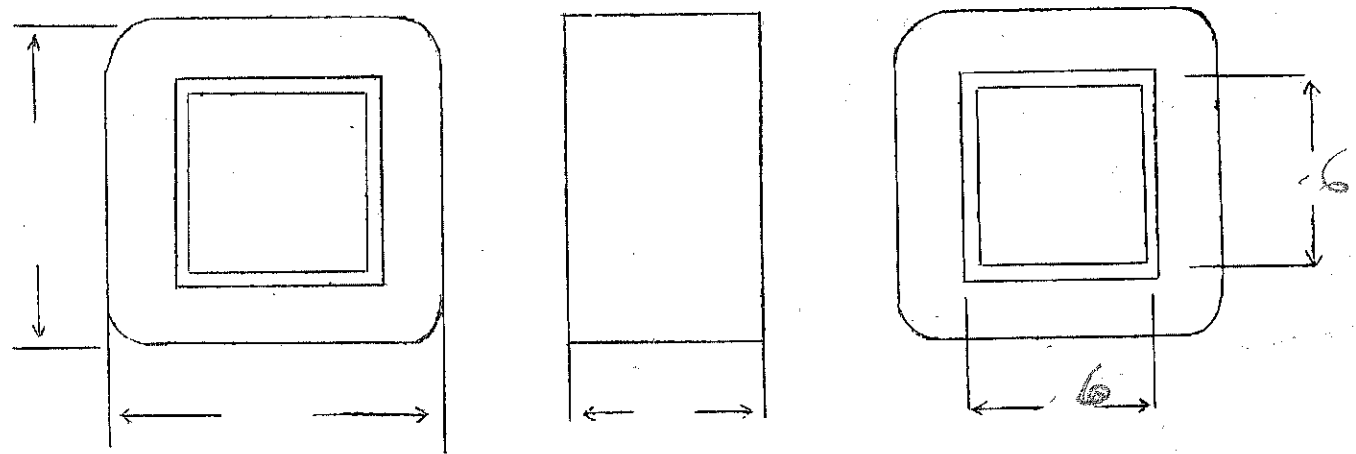
DATE

Filter Choke; .00254 henries

100002

SPEC. NO. 3007 coil

| | | | | | | | |
|--------------|-------|--------------|--|--|--|--|--|
| Winding | | | | | | | |
| Turns | 66 | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | | | | | | | |
| Wire Size | 27 | | | | | | |
| T.P.L. | 45-2 | | | | | | |
| Kind Term. | | | | | | | |
| Term. Lgth. | | | | | | | |
| Layer Insul. | | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 24005 | | | | | | |
| TUBE | AL007 | IMPREGNATION | | | | | |
| CORE | .6 | PRIMARY V.A. | | | | | |
| MOUNTING | | | | | | | |



DESIGNED BY

DATE

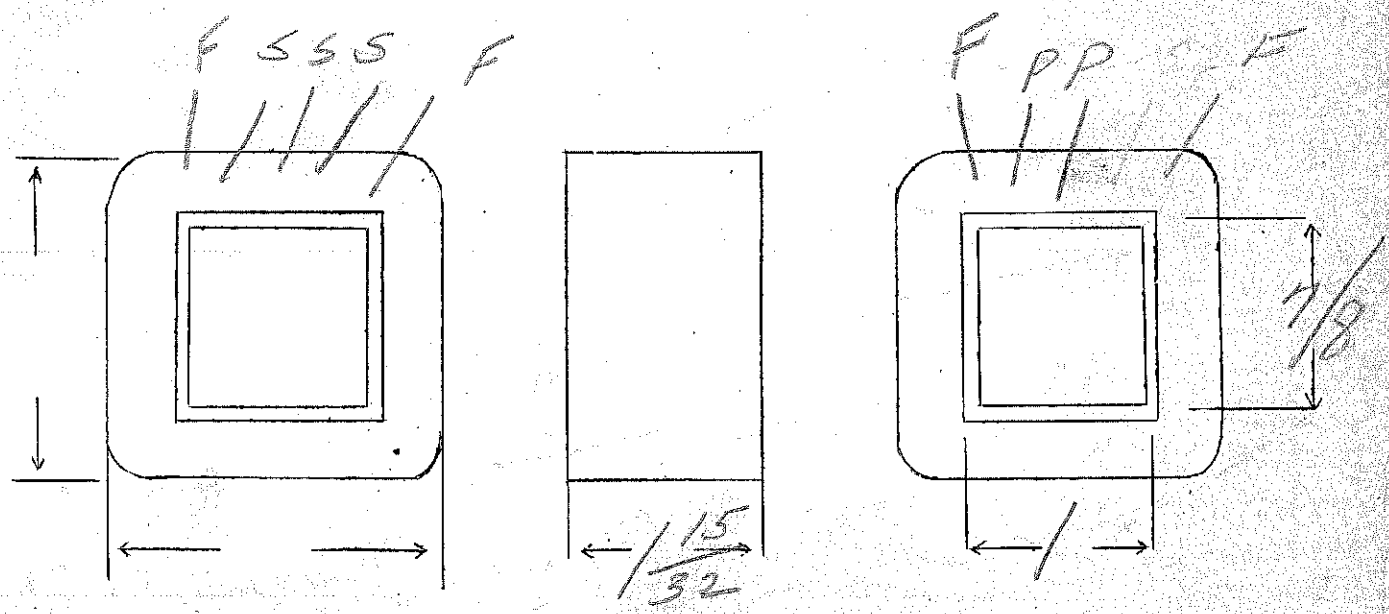
Ep - 120V
 Es - 575V (open) - 35 Ma
 Ef1 - 5V - 2 amps
 Ef2 - 6.3V - 2 amps

6.0

SPEC. NO. 3222

| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
|--------------|---------------|---------|---------------|----------------|----------------|--|--|
| Turns | 3450 | 72 | 720 | 42 | 33 | | |
| Taps | 1725 | — | — | — | — | | |
| Wind. Lgth. | 1 9/32 | 1 1/32 | 1 1/32 | — | — | | |
| Wire Size | #37 | #27 | #27 | #21 | #21 | | |
| T.P.L. | 220-16 | | 72-10 | | | | |
| Kind Term. | #20 Per Br | W.O. | #20 Per Br | WIRE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16H | | double 20H | | | | |
| Test Volt. | 2500 | | 1250 | | | | |
| Wrapper | 11007VC | 11005VC | 21005GA | 21005GA | 21005GA | | |

TUBE 5L007 IMPREGNATION VARNISH
 CORE 1 x 7/8 Dynamos PRIMARY V.A.
 MOUNTING SA - cadmium

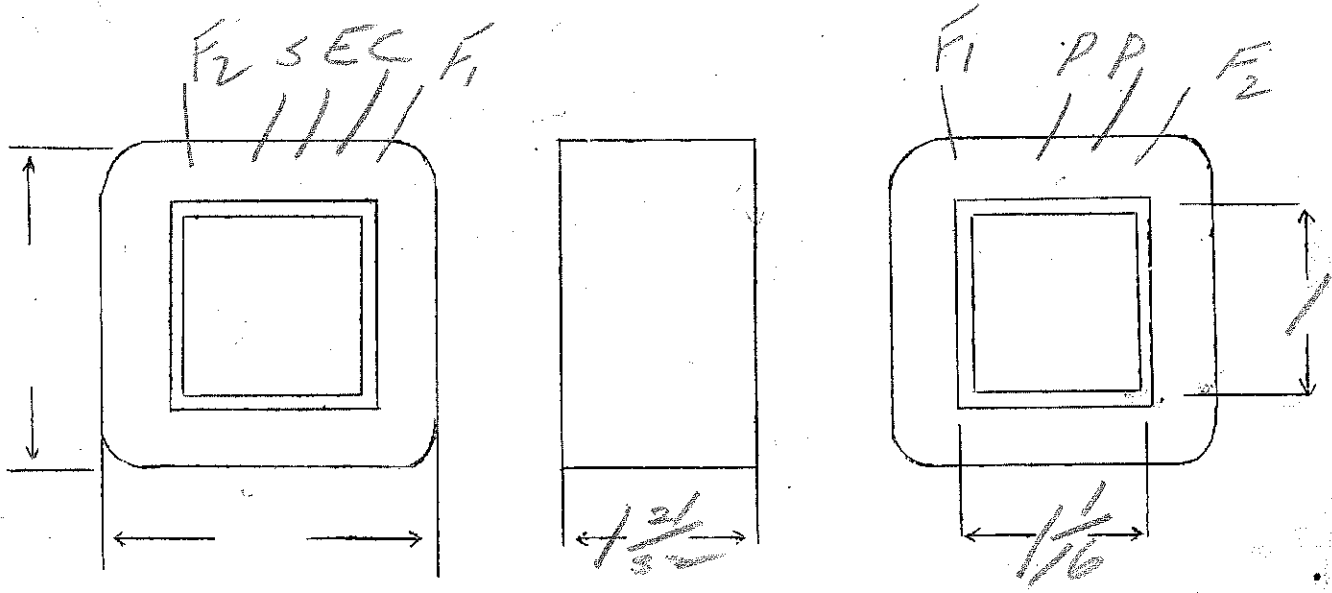


DESIGNED BY GW

DATE 1/15/37

$E_p - 120V$ $E_{F_2} - 6.3V - 2amps$
 $E_s - 600VCT - 60ma$
 $E_{F_1} - 5V - 2amps$ 5.25 SPEC. NO. 3293

| | | | | | | |
|--------------|-----------------------------------|-------------------|----------------|----------------|--------|--|
| Winding | SEC SHIELD | PR1 | F ₁ | F ₂ | | |
| Turns | 3450 | 630 | 29 | 36 | | |
| Taps | 1725 | | — | — | | |
| Wind. Lgth. | 1 $\frac{15}{32}$ | 1 $\frac{15}{32}$ | — | — | | |
| Wire Size | #35 | Shins #24 sack | #20 | #20 | | |
| T.P.L. | 218-16 | 1 | 63-10 | | | |
| Kind Term. | #20 Pwr Pa | Sil Br | #20 Pwr Pa | WIRE ONLY | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | | |
| Layer Insul. | double 16# | | double 20# | | | |
| Test Volt. | 2500 | | 1250 | | | |
| Wrapper | 11007VC | 11007VC | 21056A | 21056A | 21056A | |
| TUBE | 74007 | | IMPREGNATION | VARNISH | | |
| CORE | 1 $\frac{1}{16}$ Xt. Dynamo Grade | | PRIMARY V.A. | | | |
| MOUNTING | SA | | | | | |



DESIGNED BY *EW* DATE 1/22/37

Ep-120V

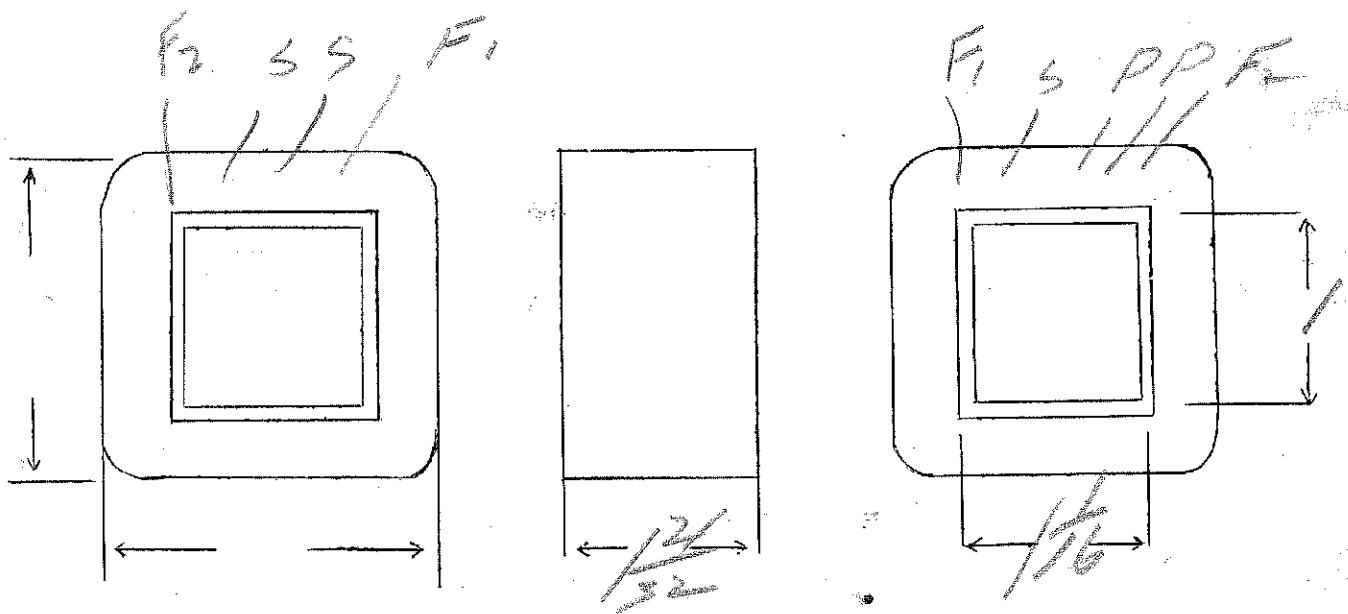
EF₂ - 6.3V - 2amp

ES - 600V CT - 60ma

EF₁ - 5V - 2amp

SPEC. NO. 3234

| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
|--------------|---------------------------------|---------------------------------|---------------------------------|----------------|----------------|--|--|
| Turns | 3800 | 1 | 685 | 32 | 40 | | |
| Taps | 1900 | | | - | - | | |
| Wind. Lgth. | 1 ¹⁵ / ₃₂ | 1 ¹⁵ / ₃₂ | 1 ¹⁵ / ₃₂ | - | - | | |
| Wire Size | #35 | shunt 200k | #25 | #20 | #20 | | |
| T.P.L. | 215-18 | 1 | 69-10 | | | | |
| Kind Term. | #20 Rm Rn | sil Rn | #20 Rm Rn | WIPE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16H | | double 20H | | | | |
| Test Volt. | 2500 | | 1350 | | | | |
| Wrapper | 2L007VC | 1L007VC | 2L005GA | 2L005GA | 2L005GA | | |
| TUBE | 7L007 | | IMPREGNATION | | Varnish | | |
| CORE | 1/16 x 1 Electrical Grade | | | PRIMARY V.A. | | | |
| MOUNTING | 3A | | | | | | |



DESIGNED BY *SW*

DATE 1/22/57

HH Ep-120

Ep-5V-2amp

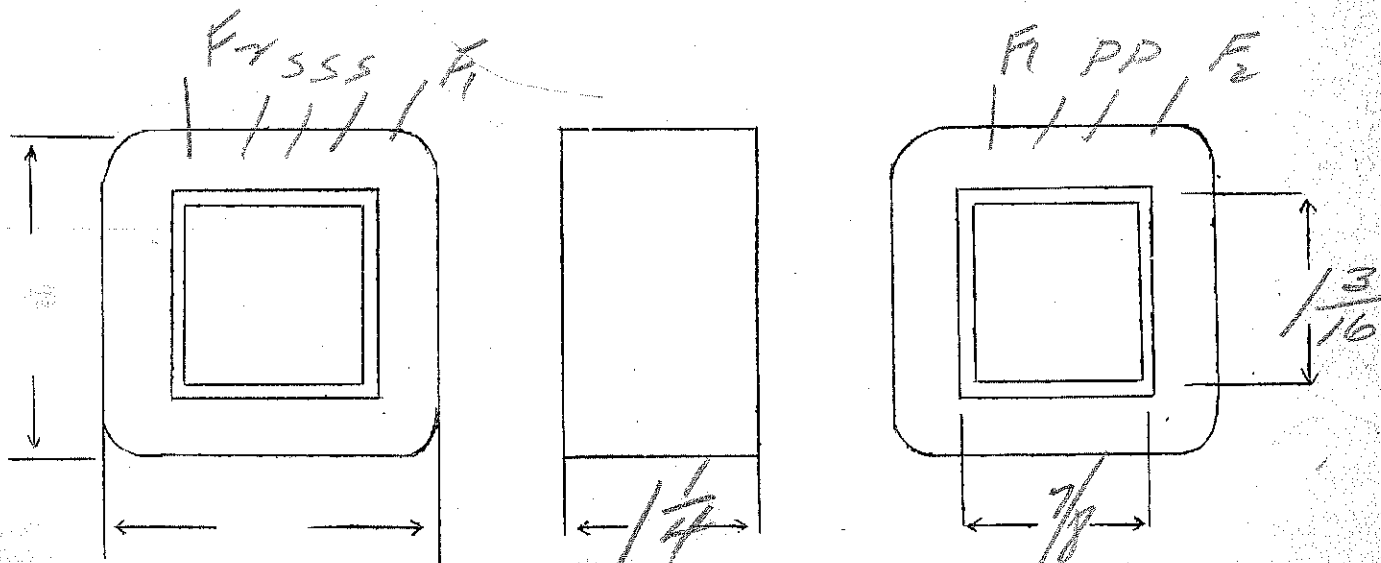
Es - 630V (open) - 40mA

Ep-6.3V-16amp

SPEC. NO.

3235

| | | | | | | | |
|--------------|---------------|--------|--------------|----------------|----------------|--|--|
| Winding | SEC | SHIELD | PR1 | F ₁ | F ₂ | | |
| Turns | 3140 | 70 | 600 | 28 | 34 | | |
| Taps | 1570 | - | - | - | - | | |
| Wind. Lgth. | 1 1/16 | ✓ | ✓ | ✓ | ✓ | | |
| Wire Size | #37 | #28 | #28 | #21 | #21 | | |
| T.P.L. | 196-16 | | 70-9 | | | | |
| Kind Term. | #28 0.020 | W.O. | #20 0.020 | WIRE | ONLY | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 14# | | 40# | | | | |
| Test Volt. | 2500 | | 1250 | 2500 | 1250 | | |
| Wrapper | 10071C | 1005VC | 2005GA | 2005GA | 3005GA | | |
| TUBE | 54907 | | | IMPREGNATION | Varnish | | |
| CORE | 7/8 x 1 3/16" | | | | PRIMARY V.A. | | |
| MOUNTING | SA 02A | | | | | | |



DESIGNED BY

Yw

DATE

4/8/37

HH. Ep-12VCT- vibrator circuit

Es-670VCT(oper) - 40mg

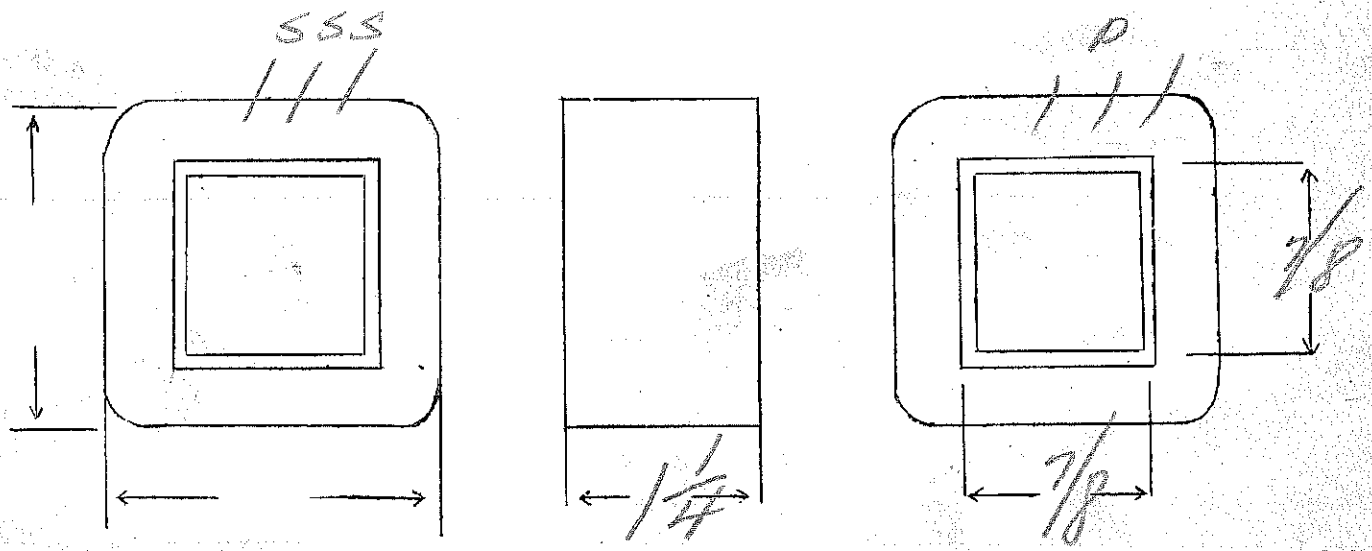
3236

3236

SPEC. NO.

| | | | | | | |
|--------------|------------|---------------|--------------|--|--|--|
| Winding | SEC | SHIELD | PR1 | | | |
| Turns | 4000 | 1 | 66 | | | |
| Taps | 2000 | | 33 | | | |
| Wind. Lgth. | 1 1/6 | 1 1/6 | - | | | |
| Wire Size | #36 | shim steel | #18 | | | |
| T.P.L. | 172-24 | | 23-3 | | | |
| Kind Term. | #20 PBR | sil. brnd | wire only | | | |
| Term. Lgth. | 9 1/2 | 3 1/2 | 9 1/2 | | | |
| Layer Insul. | 30 # | | 005 | | | |
| Test Volt. | 2500 | | | | | |
| Wrapper | 21005GA | 21005GA | 21005GA | | | |

| | | | |
|----------|-----------------------------------|--------------|---------|
| TUBE | 7607 | IMPREGNATION | Varnish |
| CORE | 7/8 x 7/8 - 24 in | PRIMARY V.A. | |
| MOUNTING | SA 02 A - Flanged cover - Cadmium | | |



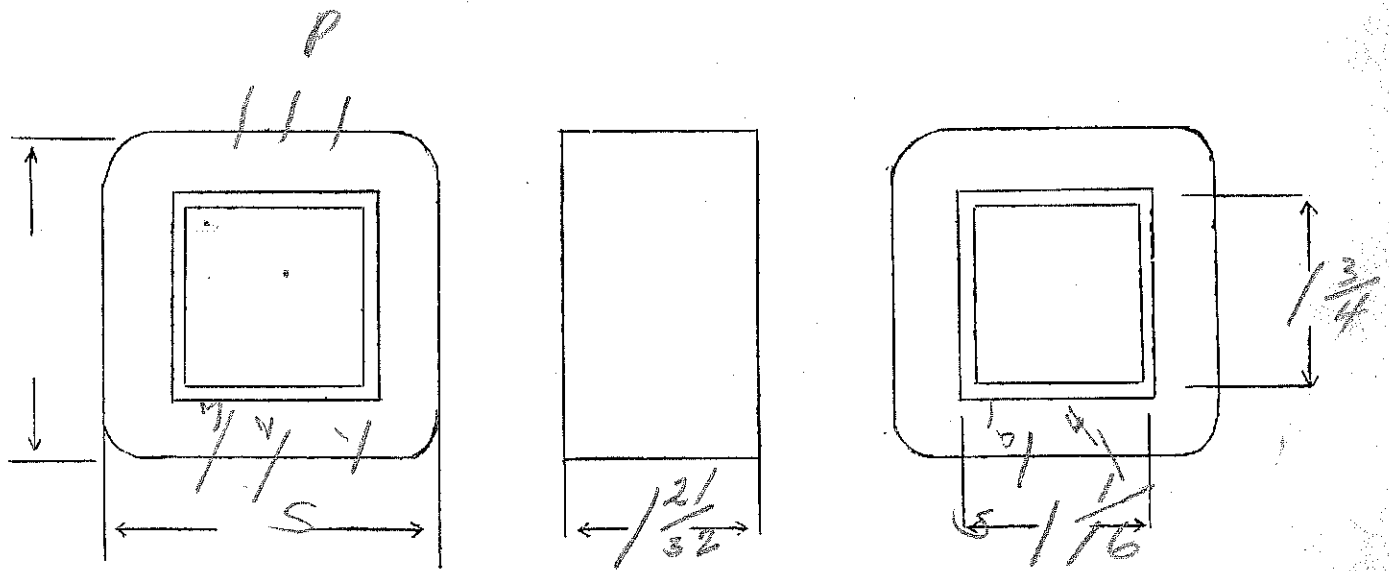
DESIGNED BY *SW*

DATE 4/8/37

Ep-110-120
 Es-6-8-10-12 V. "B" mtg
 10 amp

325 SPEC. NO. 3237

| | | | | | | |
|--------------|-------------------------------------|------------------|--------------|---------|--|--|
| Winding | P | SEC | | | | |
| Turns | 390 | 43 | | | | |
| Taps | 360 | 36-28-21 | | | | |
| Wind. Lgth. | $1\frac{15}{32}$ | $1\frac{15}{32}$ | | | | |
| Wire Size | #21 | #12 | | | | |
| T.P.L. | 45-9 | | | | | |
| Kind Term. | wire | only | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 50# | | | | | |
| Test Volt. | 1250 | | | | | |
| Wrapper | 2L0A56A | 2L0A56A | | | | |
| TUBE | 7L007 | | IMPREGNATION | Varnish | | |
| CORE | $1\frac{1}{16} \times 1\frac{3}{4}$ | | PRIMARY V.A. | | | |
| MOUNTING | BB | | | | | |



DESIGNED BY *SW*

DATE *4/5/37*

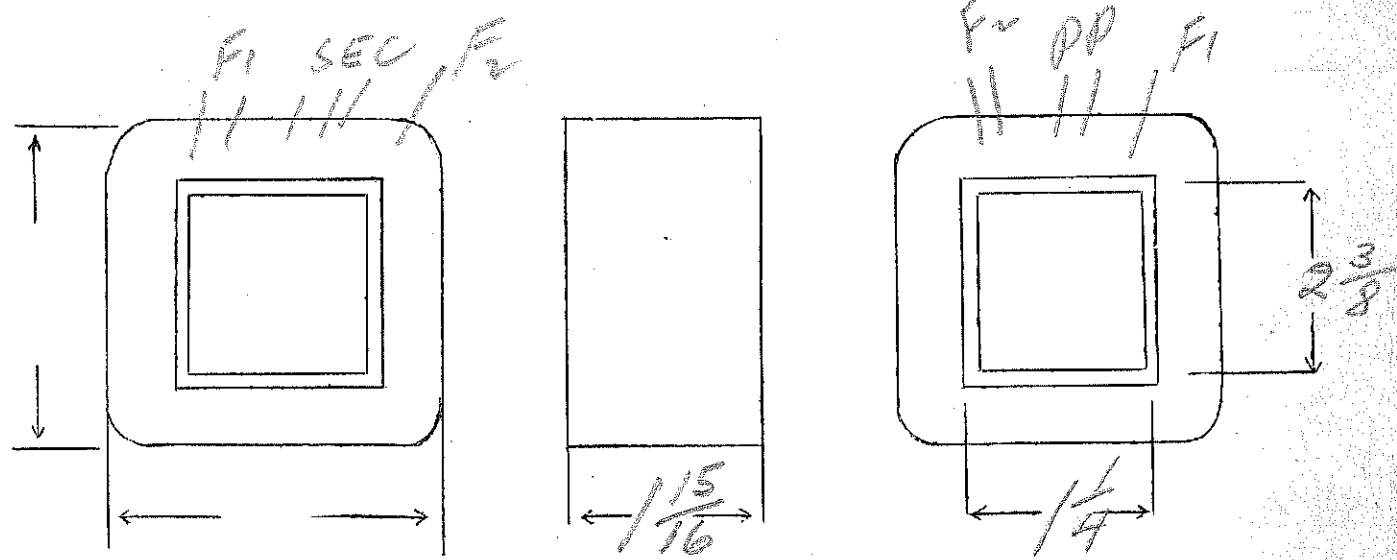
Ep-118
 Es-770VCT-150ma

Ep₁ - 5VCT-3amp
 Ep₂ - 6.3VCT-3amp

(3.6)

SPEC. NO. 3239-25

| | | | | | | | |
|--------------|----------------|--------------|----------------|----------------|----------------|--|--|
| Winding | SEC | SHIELD | PR1 | F ₂ | F ₁ | | |
| Turns | 2900 | 162 | 425 | White 25 | 20 | | |
| Taps | 1450 | | - | Yellow 12 | 10 | | |
| Wind. Lgth. | 1.75 | 1.75 | 1.75 | | | | |
| Wire Size | #31 | #31 | #21 | #17 | #17 | | |
| T.P.L. | 162-18 | | 53-8 | | | | |
| Kind Term. | #20 Par Ben | W.O. | #20 Par Ben | #20 Par Ben | WIRE ONLY | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 50# | | | | |
| Test Volt. | 2500 | | 1250 | | | | |
| Wrapper | 1000VC | 1000VC | 210075A | 210075A | 210075A | | |
| TUBE | 76007 | IMPREGNATION | | | VARNISH | | |
| CORE | 1 1/2 x 2 3/8 | PRIMARY V.A. | | | | | |
| MOUNTING | A | | | | | | |



DESIGNED BY *GW*

DATE 7/10/27

Ep-118
 Es-720V CT-150mA
 Ef1-5VCT-3amp

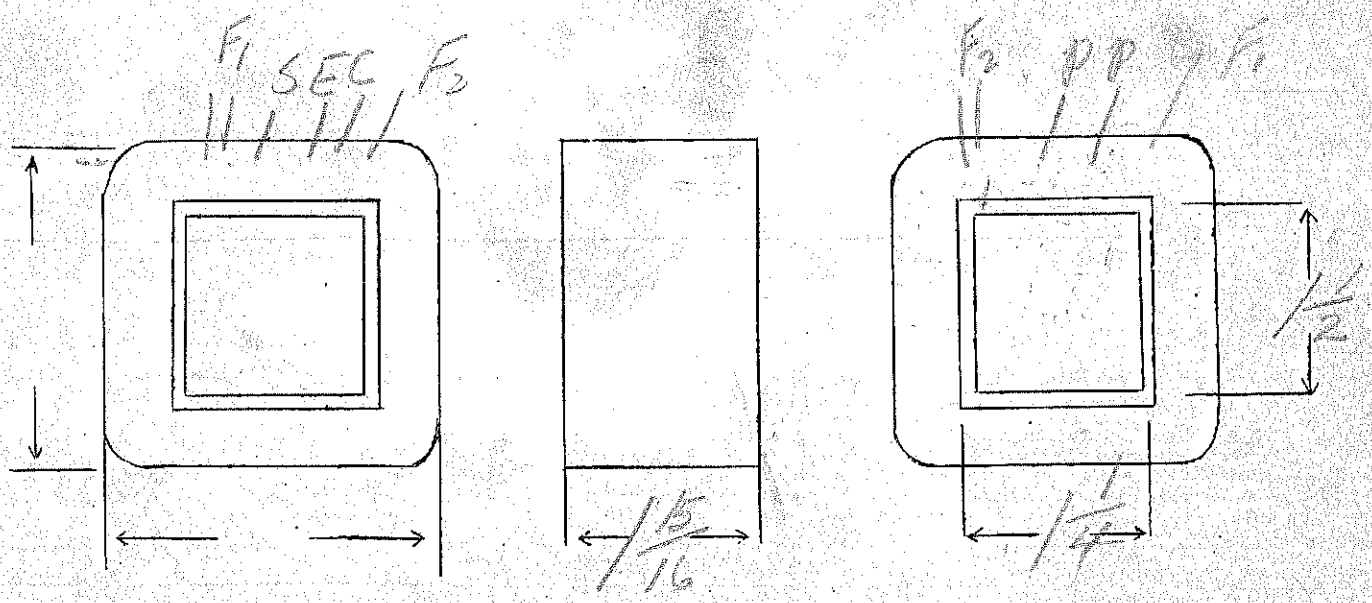
Ef2-6.3VCT-3amp
 32

SPEC. NO. 3239

| Winding | SEC | SHIELD | PR1 | F2 | F2 ^{green} | | |
|--------------|---------------|---------|---------------|----------------------|---------------------|--|--|
| Turns | 2500 | 160 | 378 | 32 ^{white} | 18 | | |
| Taps | 1250 | | | 18 ^{yellow} | 9 | | |
| Wind. Lgth. | 1.75 | 1.75 | 1.75 | | | | |
| Wire Size | #31 | #31 | #21 | #17 | #17 | | |
| T.P.L. | 160-16 | | 54 | #20 Parlor | WIRE OUT | | |
| Kind Term. | #20 Parlor | W.O. | #20 Parlor | | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 50# | | | | |
| Test Volt. | 2500 | | 1250 | | | | |
| Wrapper | 1400710 | 1400710 | 26075A | 240070A | 240070A | | |

TUBE 72007 / IMPREGNATION Vermah
 CORE 1/4 x 1/2 PRIMARY V.A.
 MOUNTING A

F2 = 6.3
 F1 = 5.0
 S = 390V CT



DESIGNED BY *SW*

DATE 4/26/37

Ep - 120V.

ES - 660VCT - 40ma

EF1 - 5V - 2amp

EF2 - 6.3, tap 5.5V - 1.7amp

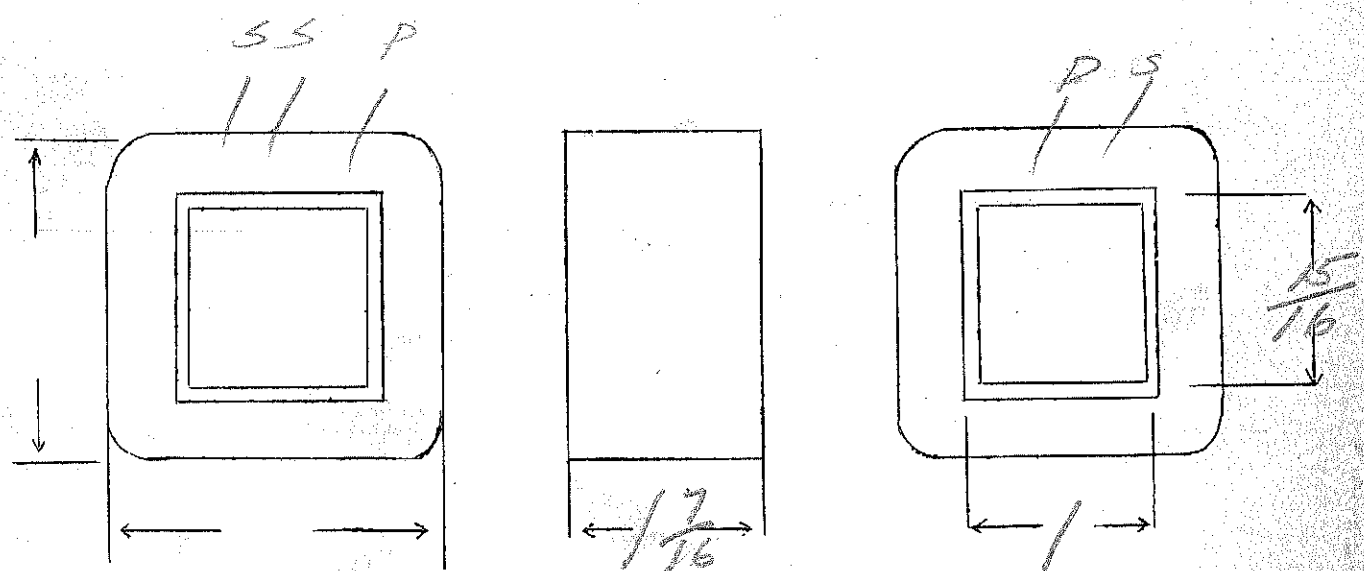
538

SPEC. NO.

3240

| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
|--------------|-----------------|--------|-----------------|----------------|----------------|--------|--|
| Turns | 3700 | 75 | 670 | 31 | 39 | red | |
| Taps | 1850 | - | - | | 34 | yellow | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | ✓ | ✓ | blue | |
| Wire Size | #36 | #27 | #27 | 21 | 21 | | |
| T.P.L. | 206-18 | | 75-9 | | | | |
| Kind Term. | #22 Per Wind | | #22 Per Wind | WIRE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 14# | | 40# | | | | |
| Test Volt. | 500 | | | | | | |
| Wrapper | 1007VC | 1005VC | 2005BA | 2005BA | 2005BA | | |

| | | | |
|----------|------------|--------------|---------|
| TUBE | 52007 | IMPREGNATION | Varnish |
| CORE | 1 x 15/16 | PRIMARY V.A. | |
| MOUNTING | A. Cadmium | | |



DESIGNED BY *lew*

DATE 3/30/37

Ep - 120V

E_{F2} 6.3V-top 55V - 1.7amp

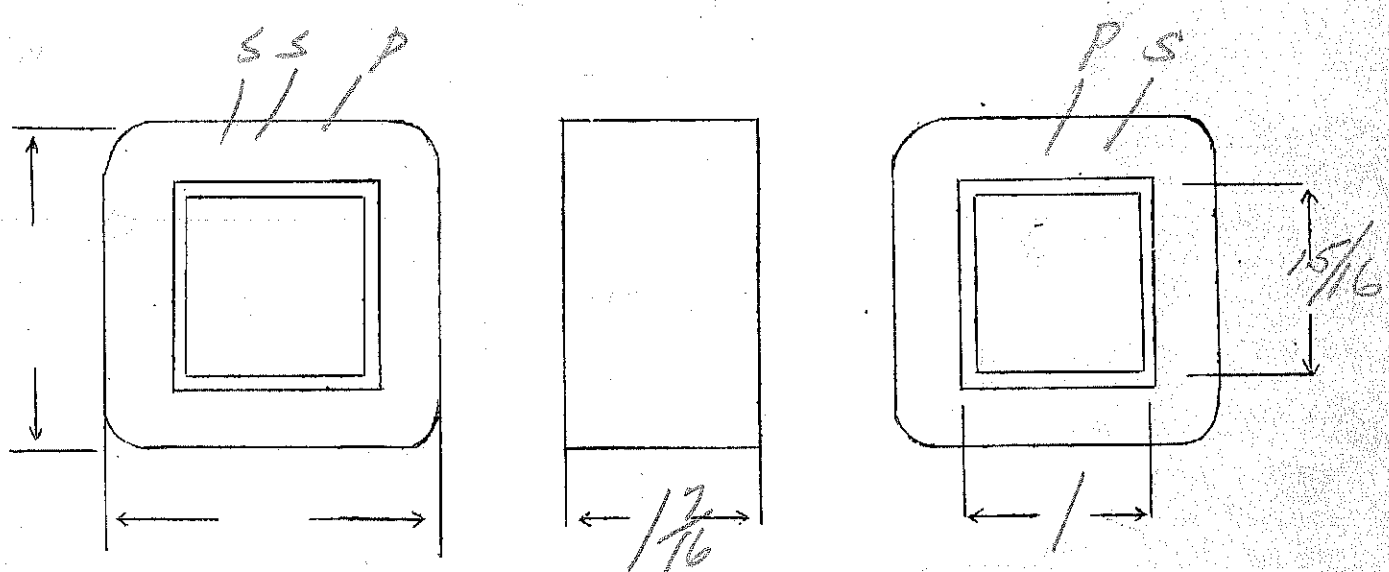
E_S - 660VCT-40ma

E_{F1} - 5V-ramp

SPEC. NO. 3241

| | | | | | | | |
|--------------|------------------|---------|------------------|----------------|----------------|--------|--|
| Winding | SEC | SHIELD | PR1 | F ₁ | F ₂ | | |
| Turns | 3700 | 1 | 670 | 31 | 39 | red | |
| Taps | 1850 | | - | | 34 | yellow | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | ✓ | ✓ | blue | |
| Wire Size | #36 | shun | #27 | #21 | #21 | | |
| T.P.L. | 206-18 | - | 25-9 | - | - | | |
| Kind Term. | #22 P Braided | | #22 P Braided | WIPE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double #14 | | #40 | | | | |
| Test Volt. | std | | | | | | |
| Wrapper | 10007VC | 10005VC | 20005FA | 20005FA | 20005FA | | |

| | | | |
|----------|-------------|--------------|---------|
| TUBE | 52007 | IMPREGNATION | varnish |
| CORE | 1 x 15/16 | PRIMARY V.A. | |
| MOUNTING | A - Cadmium | | |



DESIGNED BY *GW*

DATE *3/31/37*

Ep-120
 Es - 750 V.D.T. (open) 95 mA
 Ef₁ - 5V - ramp
 Ef₂ - 6.3V - ramp

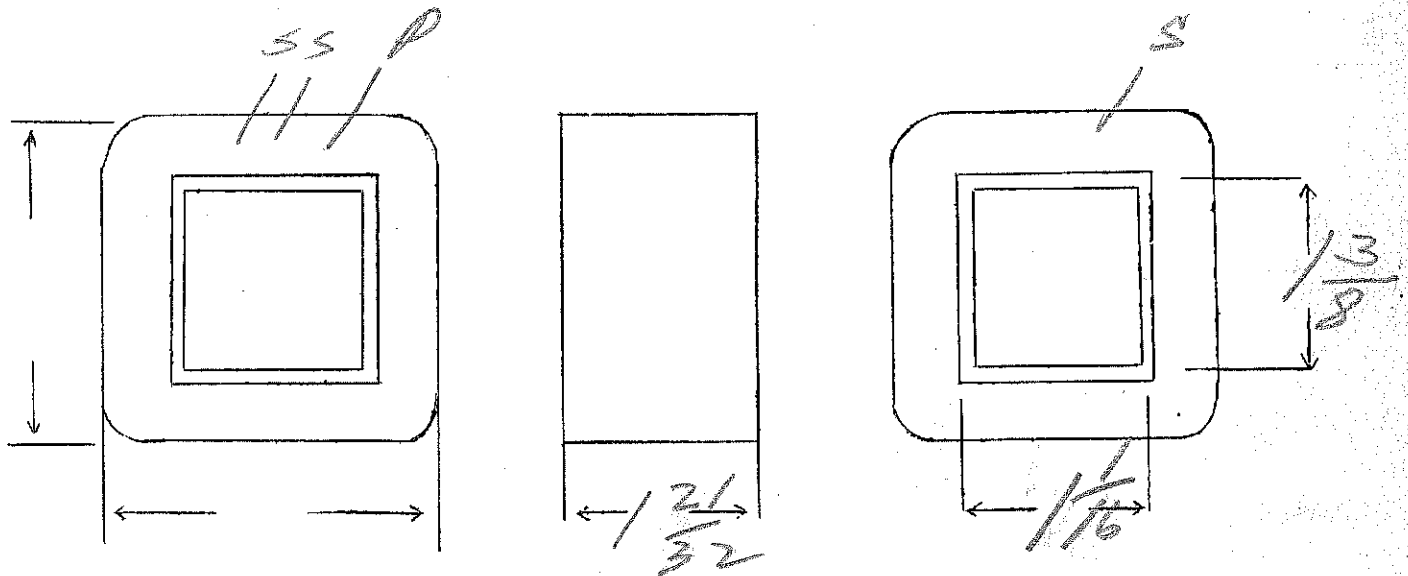
4.0

SPEC. NO.

3242

| | | | | | | | |
|--------------|------------------|---------|------------------|-----------|---------|--|--|
| Winding | SEC | SHIELD | PRI | F1 | F2 | | |
| Turns | 3000 | 56 | 475 | 23 | 28 | | |
| Taps | 1500 | - | - | - | - | | |
| Wind. Lgth. | $1\frac{15}{32}$ | | $1\frac{15}{32}$ | | | | |
| Wire Size | #33 | #23 | #23 | #20 | #20 | | |
| T.P.L. | 170-18 | | 56-9 | | | | |
| Kind Term. | #20 Par Bra | | #20 Par Bra | Wire only | ly | | |
| Term. Lgth. | 9" double | 3" | 9" | ✓ | ✓ | | |
| Layer Insul. | 16# | - | 50# | - | - | | |
| Test Volt. | 2500 | - | 1250 | - | - | | |
| Wrapper | 1L007VC | 1L007VC | 2L005GA | 2L005GA | 2L005GA | | |

| | | | |
|----------|-------------------------------------|--------------|---------|
| TUBE | 7L007 | IMPREGNATION | Varnish |
| CORE | $1\frac{1}{16} \times 1\frac{3}{8}$ | PRIMARY V.A. | |
| MOUNTING | A | | |



DESIGNED BY *gwo*

DATE 4/8/37

Wound Ep-170

Es - 200V - 15 ma

SPEC. NO.

3243

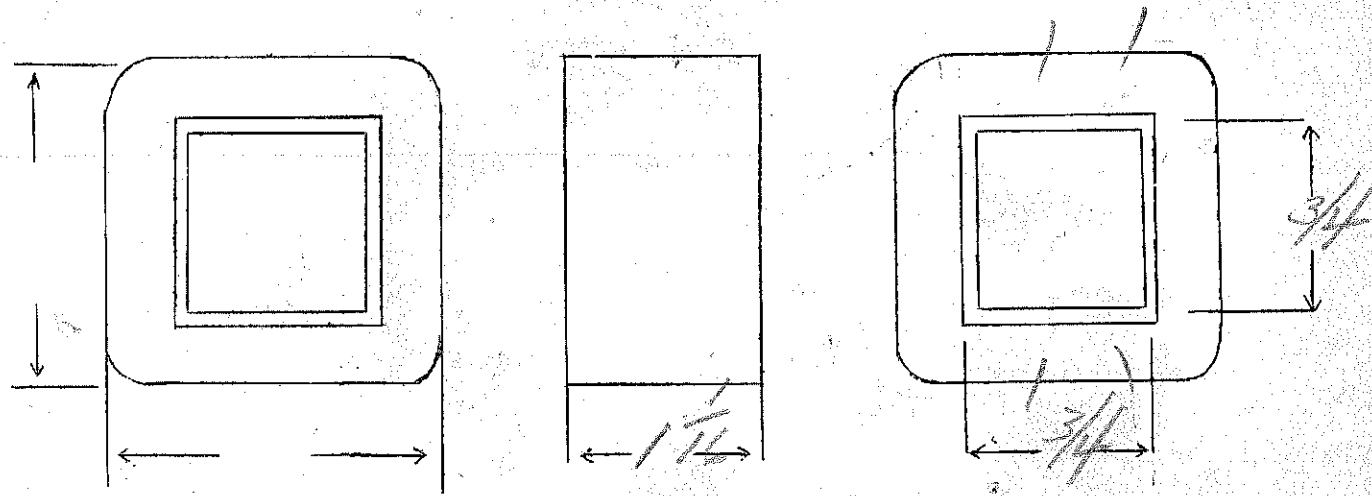
105

| | | | | | | | |
|--------------|----------|---------|--|--|--|--|--|
| Winding | PRI | SEC | | | | | |
| Turns | 1260 | 2400 | | | | | |
| Taps | - | - | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | | |
| Wire Size | #34 | #37 | | | | | |
| T.P.L. | 115-11 | 161-15 | | | | | |
| Kind Term. | 52 Braid | | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 30 # | 30 # | | | | | |
| Test Volt. | 1250 | | | | | | |
| Wrapper | 1400TVC | 210056A | | | | | |

TUBE 71007 IMPREGNATION Varnish

CORE 3/4 x 3/4 - 24 ga 2x2 PRIMARY V.A.

MOUNTING D - Panel on bottom in brackets



DESIGNED BY *[Signature]*

DATE 4/14/37

Special 15 amp line filter unit

SPEC NO. 3244

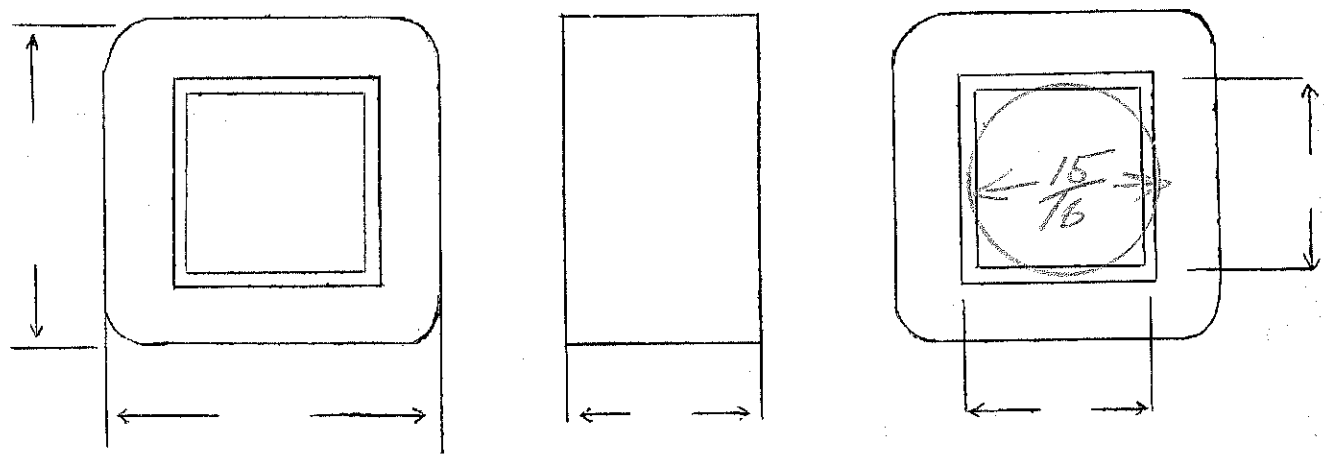
4 coils on 2 forms as shown on drawing

| | | | | | | |
|--------------|------|--|--|--|--|--|
| Winding | | | | | | |
| Turns | 21 | | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 2'' | | | | | |
| Wire Size | #11 | | | | | |
| T.P.L. | | | | | | |
| Kind Term. | W.O. | | | | | |
| Term. Lgth. | 1'' | | | | | |
| Layer Insul. | | | | | | |
| Test Volt. | | | | | | |
| Wrapper | | | | | | |

TUBE *special porcelain tubes* IMPREGNATION

CORE — PRIMARY V.A.

MOUNTING

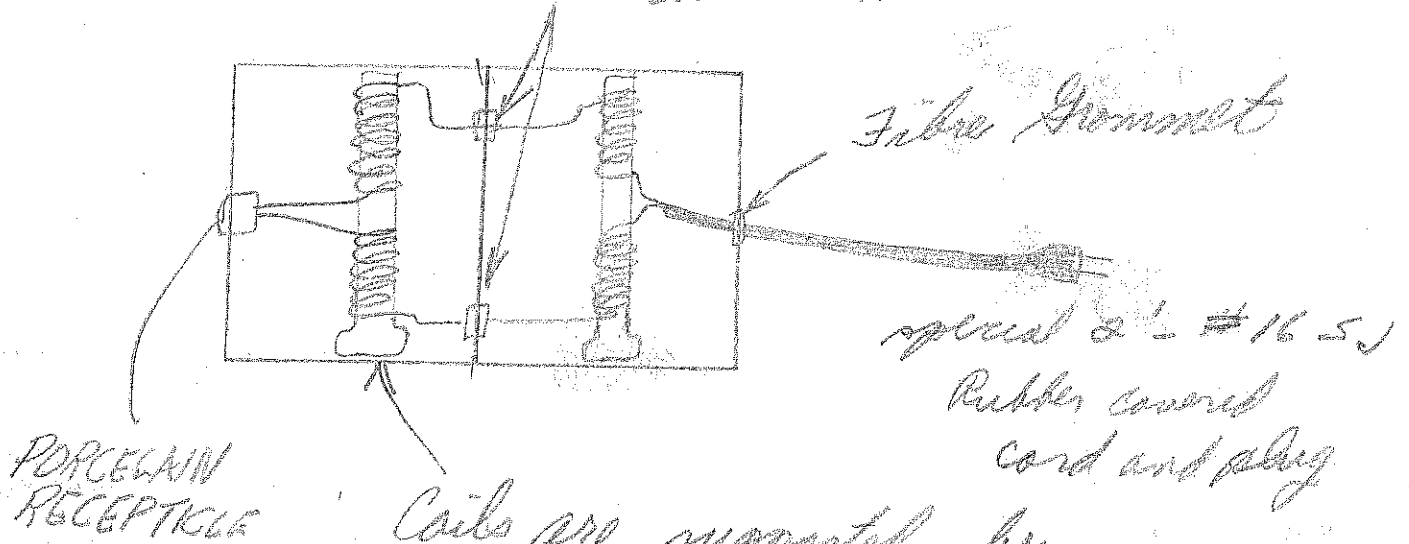


DESIGNED BY *SW*

DATE *4/9/37*

Coils are wound on 6" porcelain tubes
start and finish of winding soldered to
special ring brackets.

FEDERAL PORCELAIN DUSHING



Coils are supported by
small brackets mounted to side
of box

Box dimensions H - $3\frac{5}{8}$
W - $6\frac{7}{8}$ "
D - $8\frac{3}{4}$ "

ward Ep - 75V - 12.5 ma

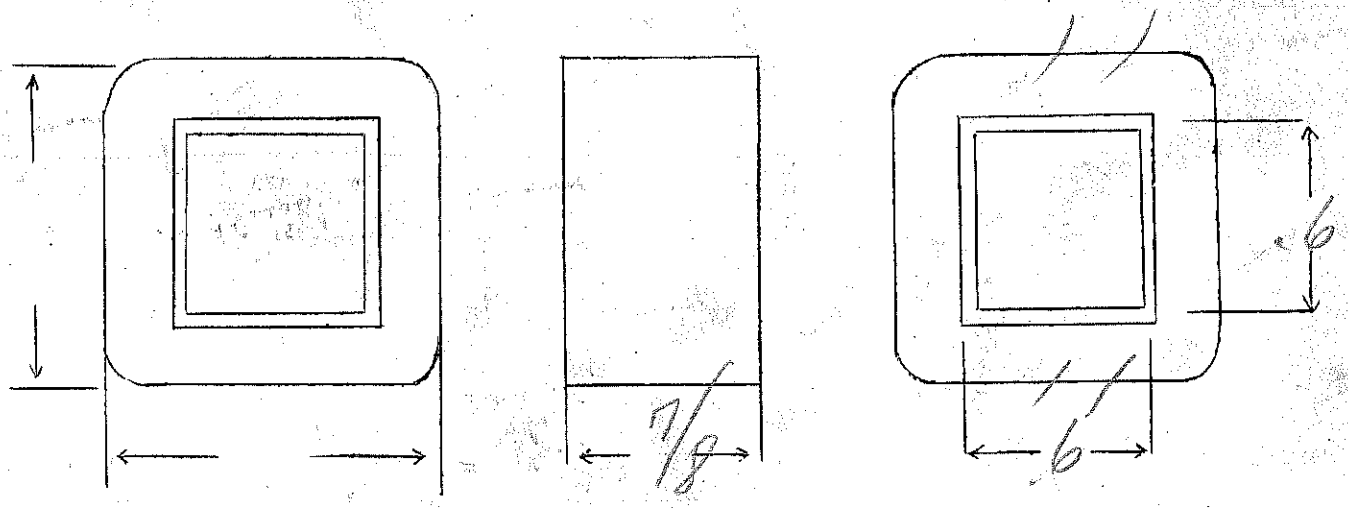
Es - 6.3V - 150 ma

18.

SPEC. NO. 3245

| | | | | | | | |
|--------------|---------|---------|--|--|--|--|--|
| Winding | PR1 | SEC | | | | | |
| Turns | 1350 | 128 | | | | | |
| Taps | — | — | | | | | |
| Wind. Lgth. | 3/4 | 3/4 | | | | | |
| Wire Size | # 36 | # 28 | | | | | |
| T.P.L. | 123-11 | 50-3 | | | | | |
| Kind Term. | Jel Bud | | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 30# | 30# | | | | | |
| Test Volt. | 1250 | | | | | | |
| Wrapper | 210056A | 210058A | | | | | |

| | | | |
|----------|---------------------------|--------------|---------|
| TUBE | 71007 | IMPREGNATION | Varnish |
| CORE | 1.6 x 1.6 - 2x2 inch 24hr | PRIMARY V.A. | |
| MOUNTING | D - Panel as follows | | |



DESIGNED BY *HW*

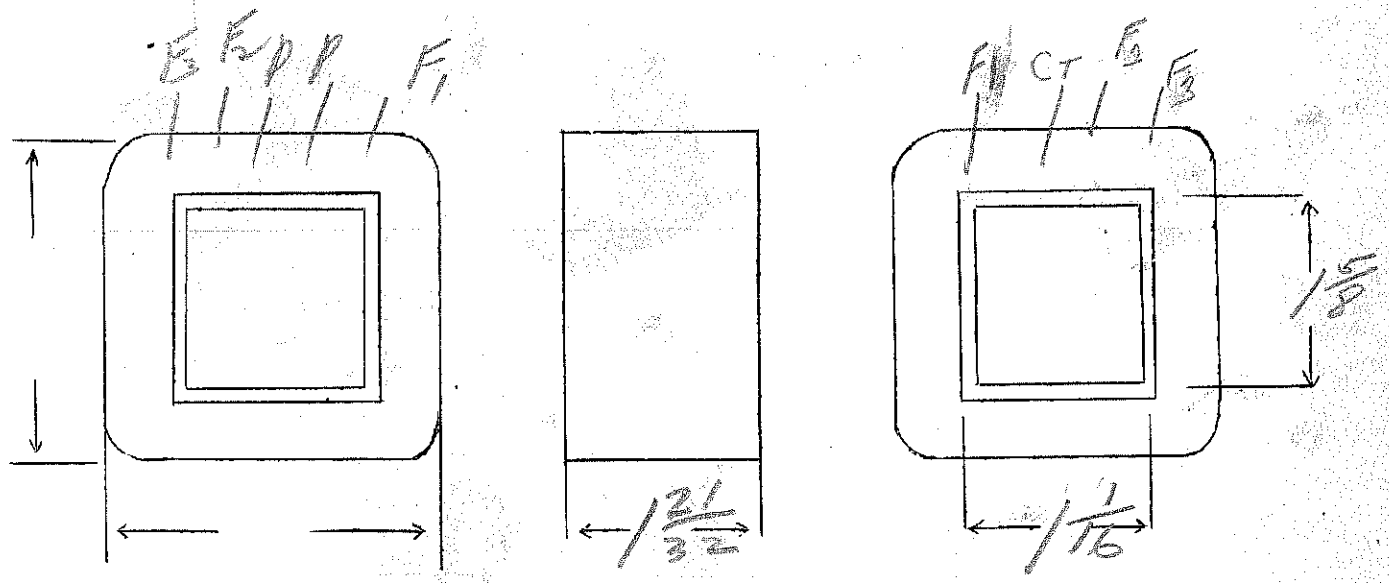
DATE *4/14/37*

$E_p - 100$
 $E_{F1} - 6.3V - 2.5 \text{ amps}$ $E_{F3} - 5V - 3 \text{ amp}$
 $E_{F2} - 7.5V - 7 \text{ amp}$

34

SPEC. NO. 3246

| | | | | | | | |
|--------------|-----------------------------------|----------------|----------------|----------------|--|--|--|
| Winding | PR1 | F ₁ | F ₂ | F ₃ | | | |
| Turns | 405 | 23 | 28 | 19 | | | |
| Taps | | | 14 | | | | |
| Wind. Lgth. | $\frac{15}{32}$ | ✓ | ✓ | | | | |
| Wire Size | #23 | #18 | #14 | #18 | | | |
| T.P.L. | 58-7 | | | | | | |
| Kind Term. | wire only | | | | | | |
| Term. Lgth. | 3" | 3" | 3" | 3" | | | |
| Layer Insul. | 50# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 210056A | ✓ | ✓ | 210056A | | | |
| TUBE | 72007 | IMPREGNATION | | Varnish | | | |
| CORE | $\frac{1}{16} \times \frac{1}{8}$ | PRIMARY V.A. | | | | | |
| MOUNTING | B | | | | | | |



DESIGNED BY SW

DATE 4/13/37

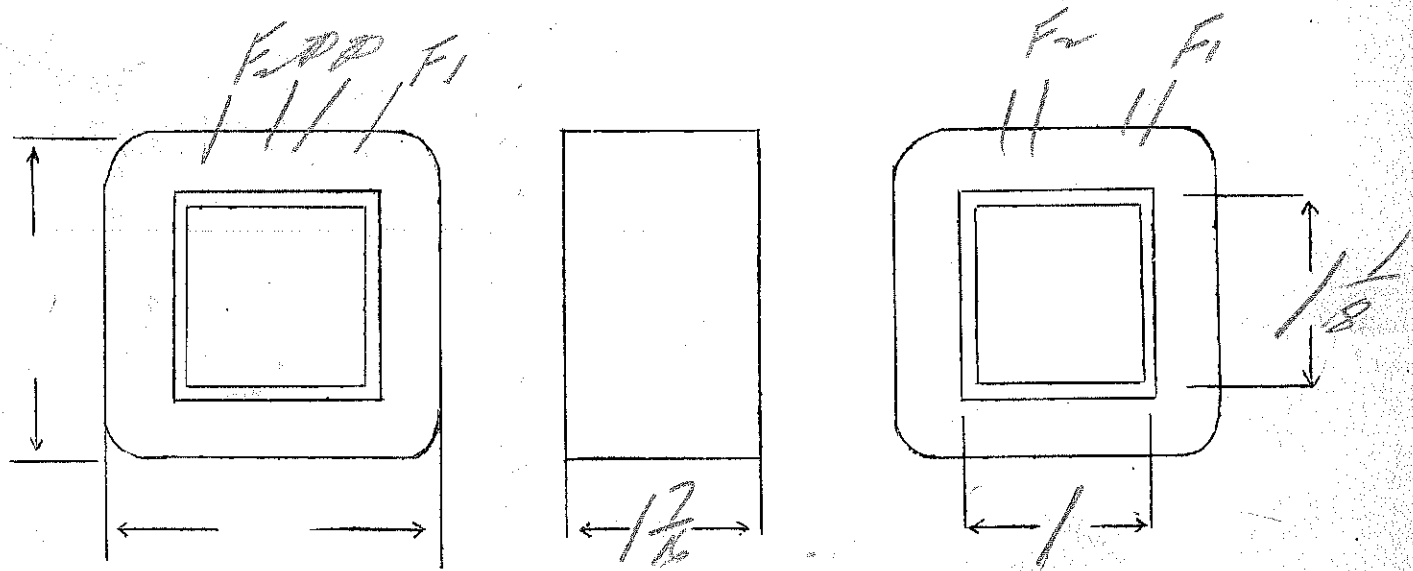
Ep-100V
 E3, - 6.3V-CT- 3.5amps

E33 - 6.3V CT - 3.5amps 5.0

SPEC. NO. 3247

| | | | | | | | |
|--------------|-----------|--------|--------|--|--|--|--|
| Winding | P | F1 | F2 | | | | |
| Turns | 600 | 35 | 35 | | | | |
| Taps | - | 17 | 17 | | | | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | | | | |
| Wire Size | #26 | #17 | #17 | | | | |
| T.P.L. | 67-9 | 52 | | | | | |
| Kind Term. | wire only | | | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | 40# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 20056A | 20056A | 20056A | | | | |

TUBE 7007 IMPREGNATION Varnish
 CORE 1x1/8 PRIMARY V.A.
 MOUNTING B



DESIGNED BY GW

DATE 4/13/37

Ep - 118V

E. J. ROSE

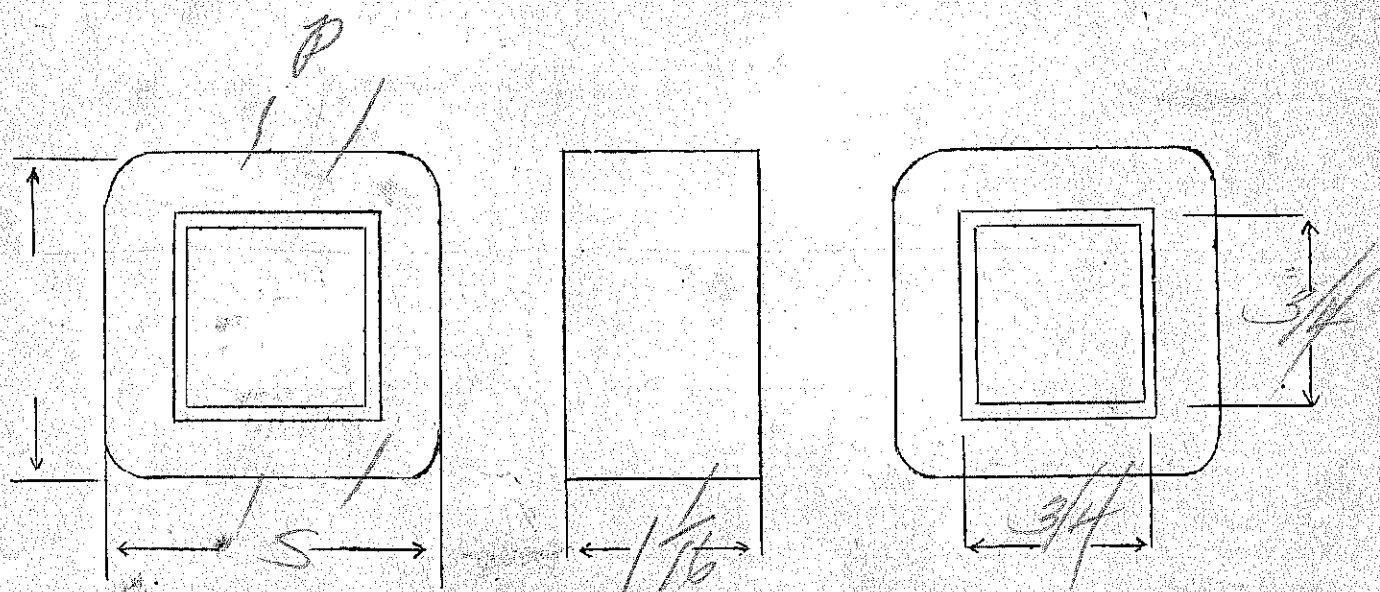
Et - 5.5V - 10amp

110

SPEC. NO. 3248

| | | | | | | |
|--------------|--------|--------|--|--|--|--|
| Winding | PR1 | SEC | | | | |
| Turns | 1300 | 72 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | | | | | |
| Wire Size | #32 | #23 | | | | |
| T.P.L. | 89-15 | 2 | | | | |
| Kind Term. | Al Br | W.O. | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 30# | — | | | | |
| Test Volt. | — | — | | | | |
| Wrapper | 2005GA | 2005GA | | | | |

| | | | |
|----------|-------------------------|--------------|---------|
| TUBE | 7L007 | IMPREGNATION | Varnish |
| CORE | 3/4 x 3/4 - 24 ga - 2x2 | PRIMARY V.A. | |
| MOUNTING | D | | |



DESIGNED BY JW

DATE 4/2/57

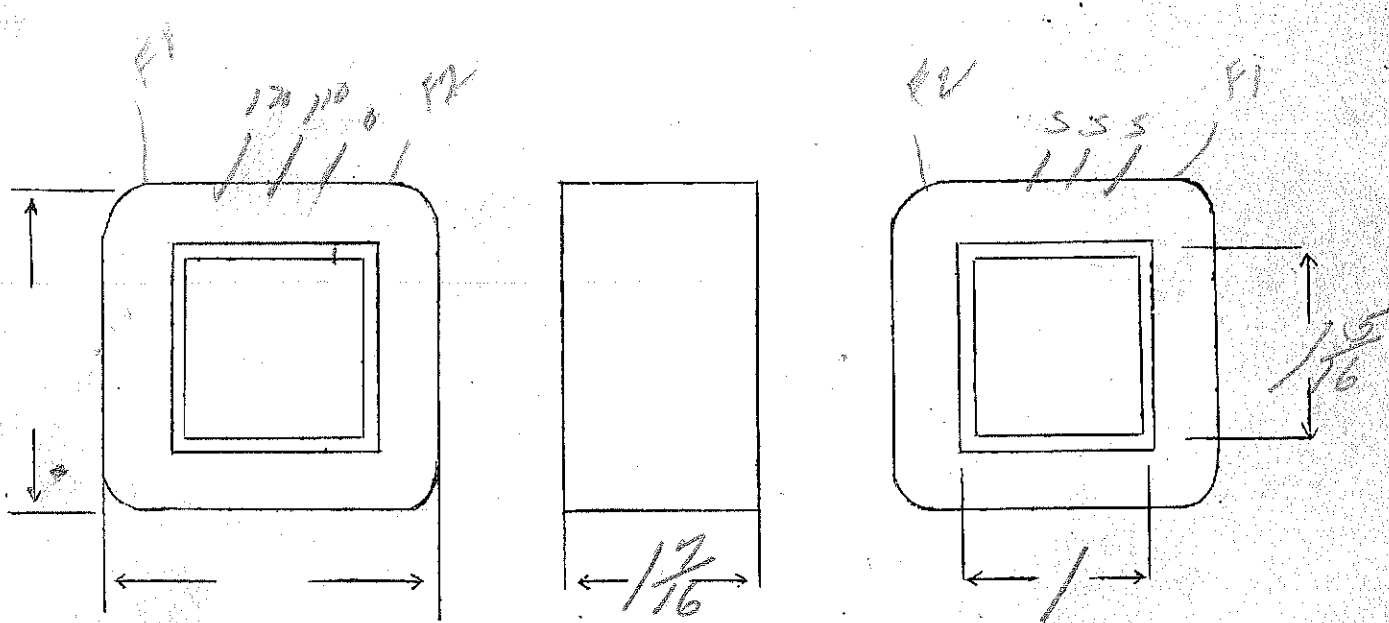
EP-110-120
 ES-660 V.C.T. - 50ma EF₂-6.3V-2amp
 EF₁-5V-2amp

4.27

SPEC. NO.

3249

| | | | | | | | |
|--------------|---------------|--------------|-----------|----------------|----------------|--|--|
| Winding | SEC | SHIELD | PR1 | F ₁ | F ₂ | | |
| Turns | 3100 | 67 | 513 | 24 | 30 | | |
| Taps | 1550 | | 470 | - | | | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | ✓ | ✓ | | |
| Wire Size | #36 | #26 | #26 | #21 | #21 | | |
| T.P.L. | 200-16 | | 67-8 | | | | |
| Kind Term. | Sil Br | W.O. | WIRE ONLY | | | | |
| Term. Lgth. | 3 1/16 | ✓ | ✓ | ✓ | ✓ | | |
| Layer Insul. | double 16# | | 40# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 100710 | 100510 | 20056A | 20056A | 20056A | | |
| TUBE | 51007 | IMPREGNATION | | | Varnish | | |
| CORE | 1 x 1 1/16 | PRIMARY V.A. | | | | | |
| MOUNTING | B | | | | | | |



DESIGNED BY

AW

DATE

4/14/37

EP-20-230-250
 black yellow Brown start white
 Es-5V 3 amp

Es-6.3VCT-3 amp

SPEC. NO. F-3250-230M

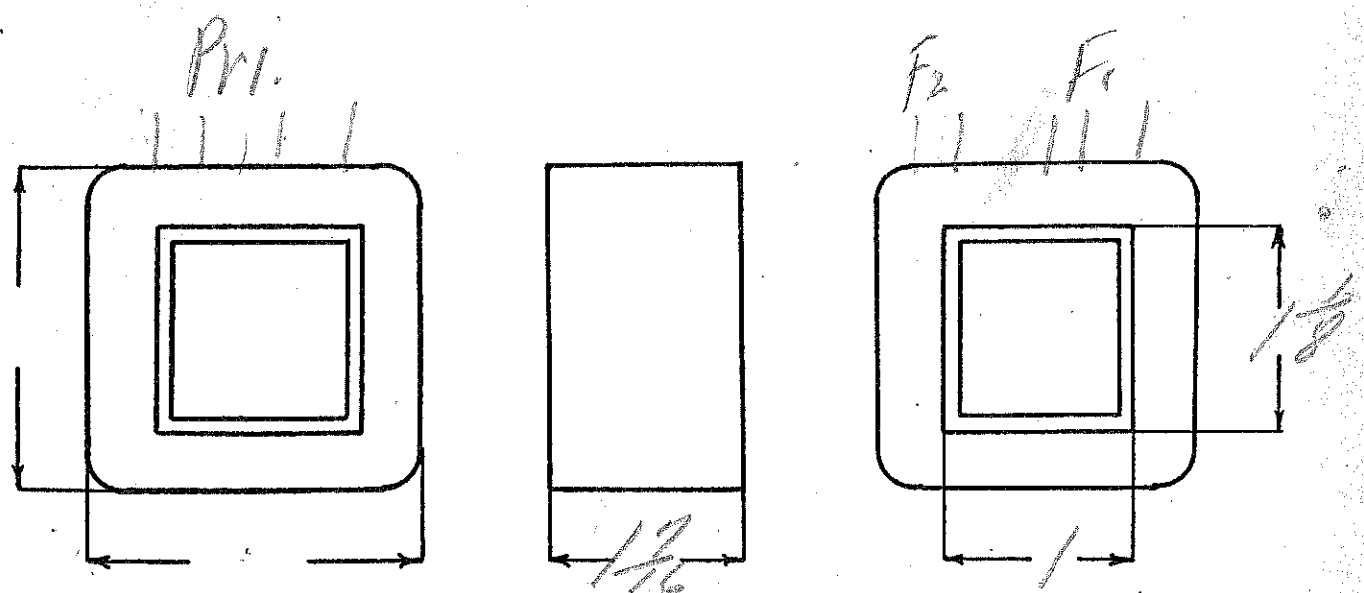
| | | | | | | | |
|--------------|----------------------|----------------|----------------|--|--|--|--|
| Winding | P | F ₁ | F ₂ | | | | |
| Turns | 1300 1200 1100 | 36 | 29 | | | | |
| Taps | | 18 | - | | | | |
| Wind. Lgth. | 1.25 | | | | | | |
| Wire Size | #30 | #18 | #18 | | | | |
| T. P. L. | | | | | | | |
| Finish | | | | | | | |
| Type Lead | #30 100/30 | WIRE ON TAPE | | | | | |
| Lead Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 40# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 21025GA | 34005GA | 34005GA | | | | |

Drullo
 Varnish

TUBE 71007 IMPREGNATION

CORE GA. GRADE STACK

MOUNTING A



DESIGNED BY yw

DATE 12/17/37

Primary - 110/120V

Filament 1 - 5V @ 3A

Filament 2 - 6.3V CT @ 3A

SPEC. NO. F-3250

| | | | | | | |
|--------------|-------------|--|-------------|--|----------------------------|---|
| Winding | Pri. | | Fil. 1 | | Fil. 2 | |
| Turns | 624 | | 29 | | 26 | |
| Taps | 572 | | - | | 18 | |
| Wind. Lgth. | 1 1/2" | | 1 1/2" | | 1 1/2" | |
| Wire Size | #26 | | #18 | | #18 | START FILAMENT 2 ON SAME LAYER AS FINISH OF FILAMENT 1. |
| T. P. L. | 66 - 10L | | 29 - 1-1/3L | | 20 - 1-2/3L | |
| Finish Pitch | 90% | | 92% | | 88% | |
| Type Lead | #20 Fr. Br. | | W. O. | | W. O. | |
| Lead Lgth. | 9" | | 9" | | 9" | |
| Layer Insul. | 40# | | .005" K | | .005" K | |
| Test Volt. | 1250 | | 2500 | | 2500 | |
| Wrapper | 2L .005" GA | | 2L .007" VC | | 1L .005" VC 2L .005" GA | |

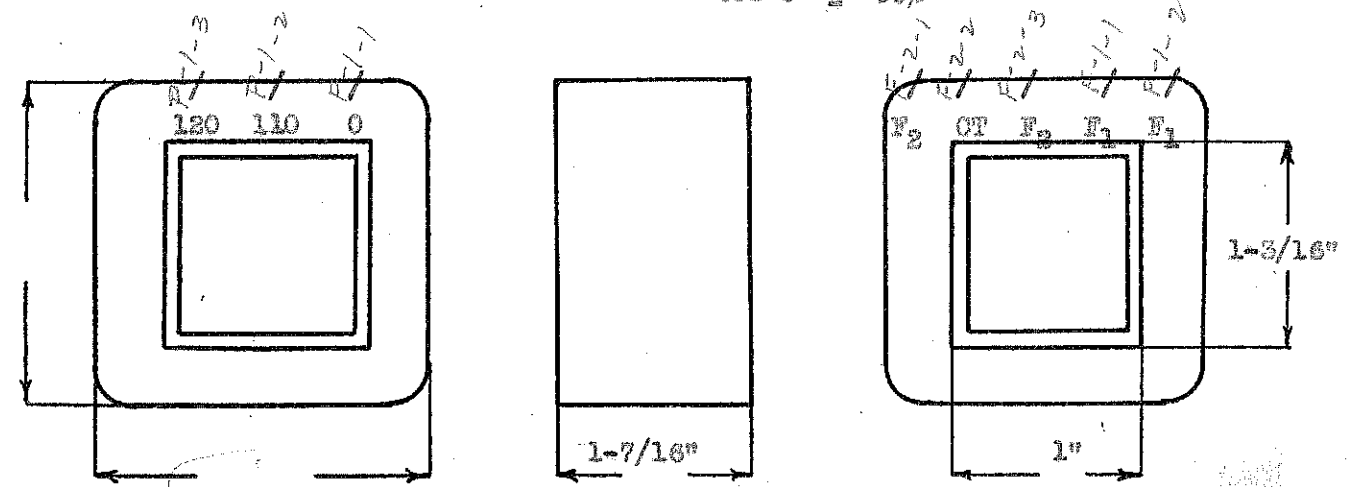
TUBE 6L - .007" OK IMPREGNATION VARNISH

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

MOUNTING "A" *Note: Multi-Wind Pkts. Single v Sec's.*

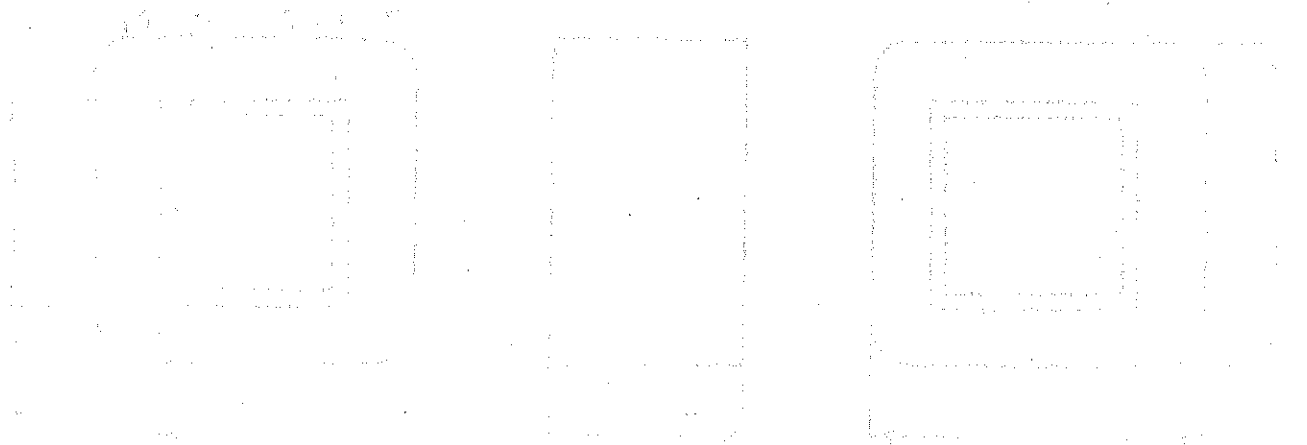
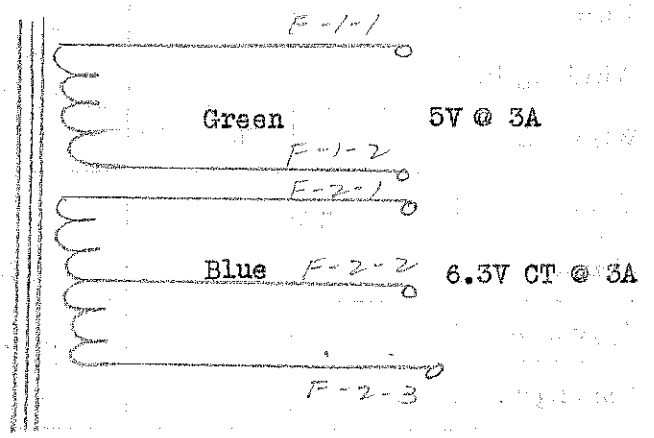
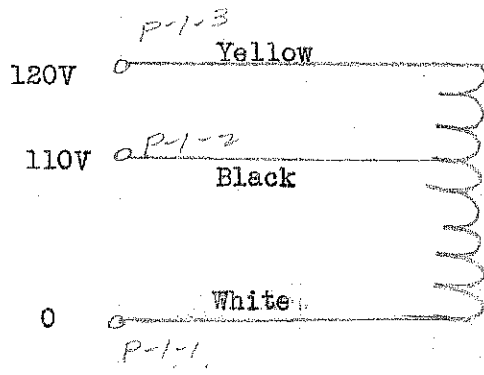
Cu = 617 - 540 - 540
 Fe = 60
 TPV = 5.2
 Wire Net = .331" (.350")

Sec. VA = 33.9
 Pri. VA = 45.4
 Pri. I = .412
 Efficiency = 93%
 COS φ = 90%



Re-DESIGNED BY H. E. S., Jr.

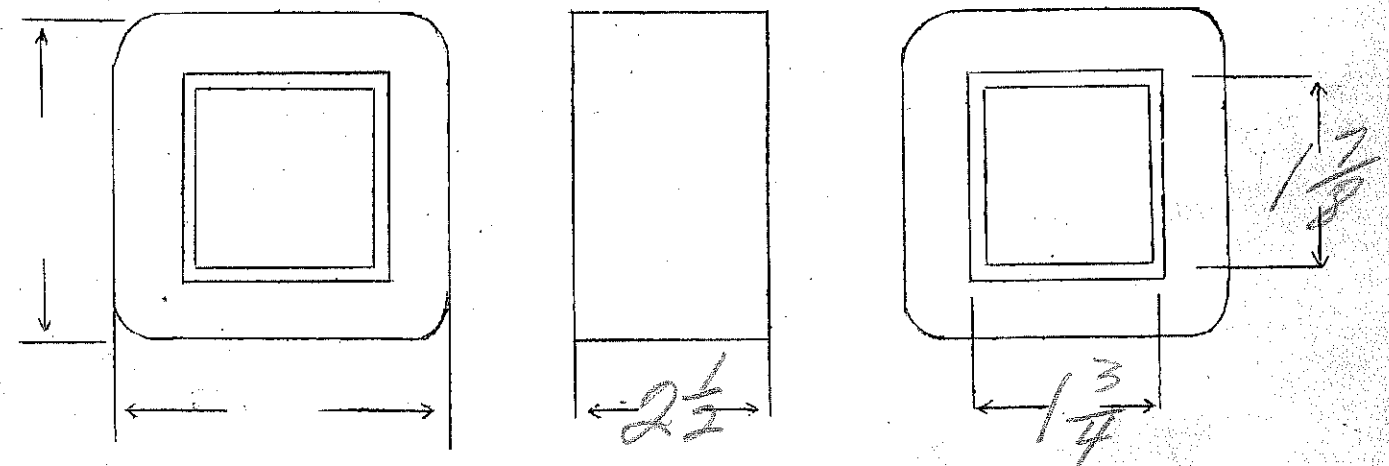
DATE 7 - 25 - 41



EP - 100
 ES - 1200VET
 EF₂ - 135V
 EF₁ - 8.5 40
 EF₂ - 8.5 (open)

SPEC. NO. 3252

| | <i>brown</i> | <i>blue</i> | | <i>red</i> | <i>green</i> | <i>yellow</i> |
|--------------|-----------------------|------------------|----------|--------------------|--------------------|--------------------|
| Winding | SEC ₁ | SEC ₂ | SHIELD | PRI | F ₁ | F ₂ |
| Turns | 2550 | 268 | 1 | 210 | 17 | 17 |
| Taps | 1275 | — | — | — | — | — |
| Wind. Lgth. | 2 1/2 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Wire Size | #28 | #24 | Shun | #15 | #17 | #17 |
| T.P.L. | 150 | 70 | Stack | 35-6 | | |
| Kind Term. | #20 Par Pa | #20 Par Pa | Sil m | W.O | WIRE ONLY | |
| Term. Lgth. | 9" | 9" | 3" | 9" | 9" | 9" |
| Layer Insul. | double 25# | double 25# | | .007K ₂ | | |
| Test Volt. | | | | | | |
| Wrapper | 3L 4H 11007VC | 3L 4H 21007VC | 21005GA | 11007VC 31005GA | 11007VC 31005GA | 11007VC 31005GA |
| TUBE | 11007 + 11007VC | | | IMPREGNATION | Varnish | |
| CORE | special 1 3/4 x 1 3/4 | | | PRIMARY V.A. | | |
| MOUNTING | special RCA Box | | | | | |



DESIGNED BY *Geo*

DATE *4/16/37*

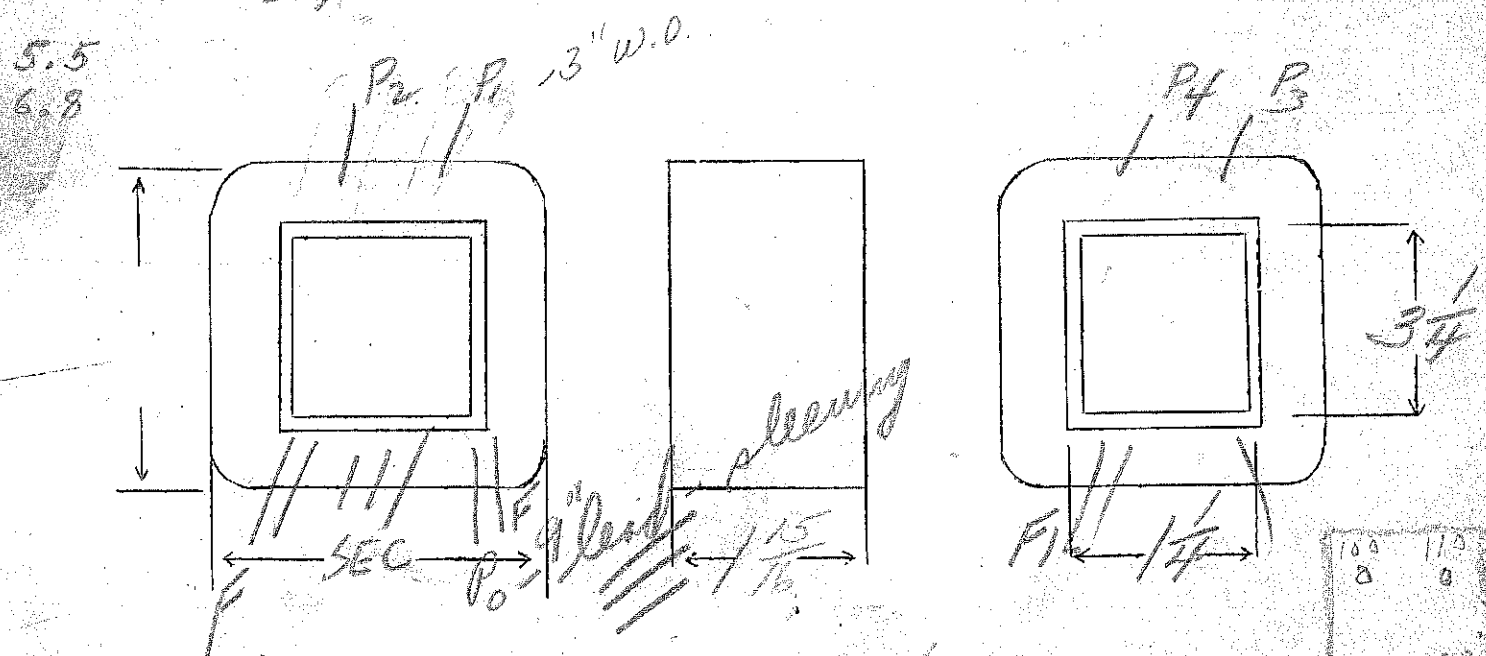
EP - 90-100-110-120V EF₂ - 6.5VCT - 5amp E. J. ROSE
 F₃ - 1050VCT - 275 ma EF₄ - 6.3VCT - 25amp
 EF₁ - 5V - 3amp

SPEC. NO. 3253

| | | | | | | | |
|--------------|---------------|---------|------------|----------------|----------------|----------------|--|
| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | F ₃ | |
| Turns | 1850 | 118 | 193 177 | 9 | 11 | 11 | |
| Taps | 925 | | 161 145 | | 5 | 5 | |
| Wind. Lgth. | 1.75 | 1.75 | 1.75 | - | | | |
| Wire Size | #28 | #28 | #19 | #18 | #18 | #16 | |
| T.P.L. | 118-16 | 118 | 42-52 | | | | |
| Kind Term. | #20 Par or | WO. | WIPE | ONLY | | | |
| Term. Lgth. | 9" | | 3" | 9" | 9" | 9" | |
| Layer Insul. | double 30A | | 50# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 2L007W | 2L007GA | 2L007GA | | | 2L007GA | |

TUBE | 7L007+1L007W | IMPREGNATION | VARNISH
 CORE | 1/4" x 3/4" | PRIMARY V.A. |
 MOUNTING | AF

Sec & Filaments & Pri start out bottom.
 Pri taps out side of "F" cutout



DESIGNED BY *[Signature]*

DATE *4/19/37*

100 110
8 8
90 120
0 0
3253

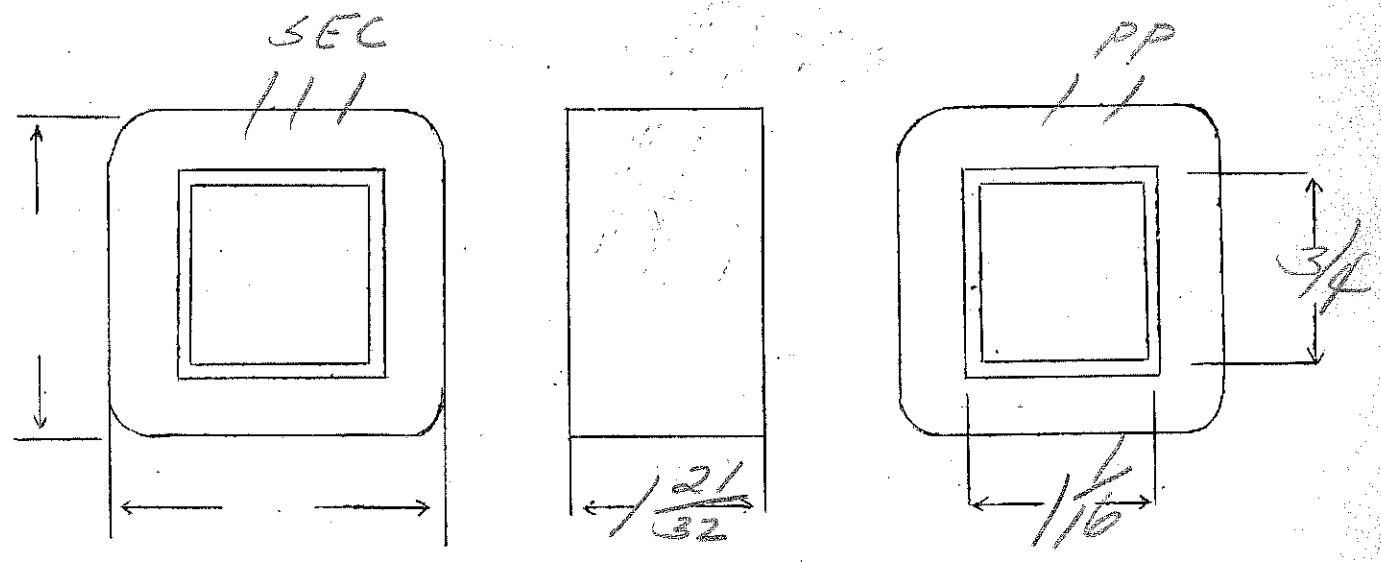
Ep-125
Es-680V open

Ef₁-5.7V open
Ef₂-2.85V (open)

(replacing # 2526)
3254

SPEC. NO.

| Winding | SEC | SHIELD | PR1 | F ₁ | F ₂ | | |
|--------------|--|---------|---------------------------------|----------------|----------------|---------|--|
| Turns | 4800 | 79 | 870 | 40 | 20 | | |
| Taps | 2400 | | | | 10 | | |
| Wind. Lgth. | 1 ¹⁵ / ₃₂ | ✓ | 1 ¹⁵ / ₃₂ | | | | |
| Wire Size | #36 | #26 | #26 | #20 | #16 | | |
| T.P.L. | 241-20 | | 79-11 | | | | |
| Kind Term. | #22 Cellac | | #20 Cellac | WIRE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 40# | | | | |
| Test Volt. | 2500V | | 1250V | | | | |
| Wrapper | 2L007VC | 2L007VC | 2L005GA | 2L005GA | 2L005GA | | |
| TUBE | 7L007 | | | IMPREGNATION | | Varnish | |
| CORE | 1 ¹ / ₁₆ x ³ / ₄ | | | | PRIMARY V.A. | | |
| MOUNTING | A- | | | | | | |



DESIGNED BY *SW*

DATE 5/7/37

Ep-125V
Es-670 (open)

EF₁ - 5.6 (open)
EF₂ - 28 "

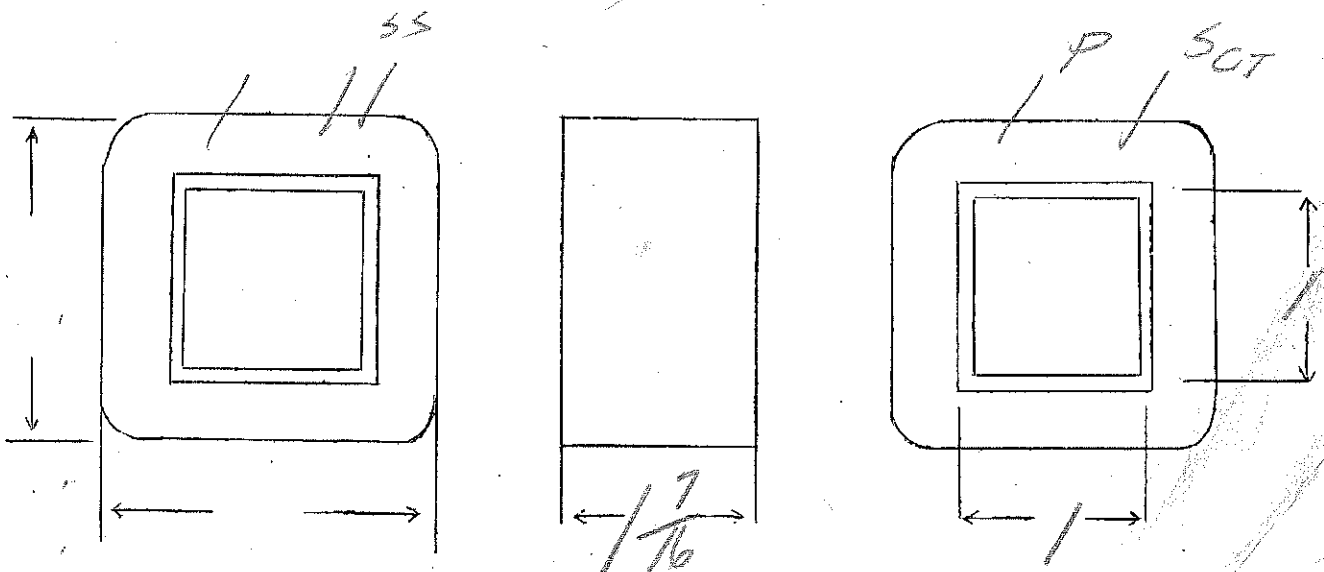
Repair

SPEC. NO. 3255

| | | | | | | | |
|--------------|---------------|--------|---------------|----------------|----------------|---------------------|-----------|
| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
| Turns | 3600 | 75 | 673 | 30 | 15 | | |
| Taps | 1800 | - | - | - | 7 | | |
| Wind. Lgth. | 1.25 | 1.25 | 1.25 | - | - | | |
| Wire Size | #36 | #27 | #27 | #21 | #20 | double top one only | |
| T.P.L. | 200-18 | | 75-9 | | | | don't cut |
| Kind Term. | #22 cellac | W.O. | #20 cellac | WIRE ONLY | | | C.T. |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 14# | - | 40# | | | | |
| Test Volt. | 2500 | | | | | | |
| Wrapper | 1007VC | 1005VC | 210056A | 21056A | 210058A | | |

| | | | |
|----------|-------|--------------|---------|
| TUBE | 5L007 | IMPREGNATION | Varnish |
| CORE | 1 x 1 | PRIMARY V.A. | |
| MOUNTING | A | | |

light winding necessary -



DESIGNED BY *GW*

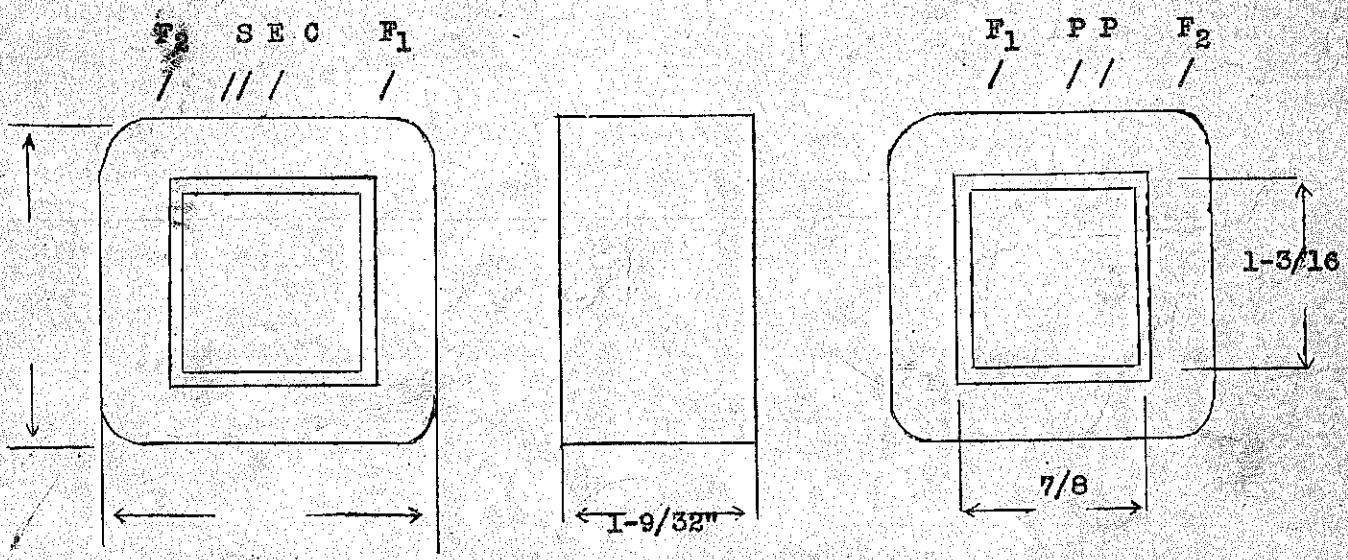
DATE 5/11/37

Ep - 120 V.
 Es - 630V (open) - 40 Ma.
 Ef1 - 5 V. - 2 Amps
 Ef2 - 6.3 V. - 1.6 Amps

SPEC. NO. 3256-M51

| | | | | | | | |
|--------------|---------------|----------------------|-----------------------|----------------|---------------|-------|----|
| Winding | SEC | SHIELD | PRI. | Green 7" F1 | Blue 8" F2 | | |
| Turns | 3100 | 1 | 600 | 28 | 35 | | |
| Taps | 1550 | | | | | | |
| Wind. Lgth. | 1-3/32" | 1-3/32" | 1-3/32" | | | | |
| Wire Size | #37 | Shim Stock | #28 | #21 | #22 | | |
| T.P.L. | 194-16 | 5 7/8 | 67-9 | | | | |
| Kind Term. | #22 Cellac | Silver Braid | #20 Cellac | WIRE ONLY | | | |
| Term. Lgth. | | | | 3 1/2 | 3 1/2 | 3 1/2 | 5" |
| Layer Insul. | Double 12# | | 30# 40# | | | | |
| Test Volt. | 2500 | | 1250 | | | | |
| Wrapper | 1L005VD | 31-40# 20 1L005VD | 2L005GA | 2L005GA | 2L005GA | | |

| | | | |
|----------|--------------|--------------|---------|
| TUBE | 5L007 | IMPREGNATION | VARNISH |
| CORE | 7/8 x 1-3/16 | PRIMARY V.A. | |
| MOUNTING | A | | |



DESIGNED BY GW

ATE

Ep - 120V - 25 cycle
 ES - 630V - 40mA
 EF - 5V - 20mA
 EF - 6.3V - 16 amp

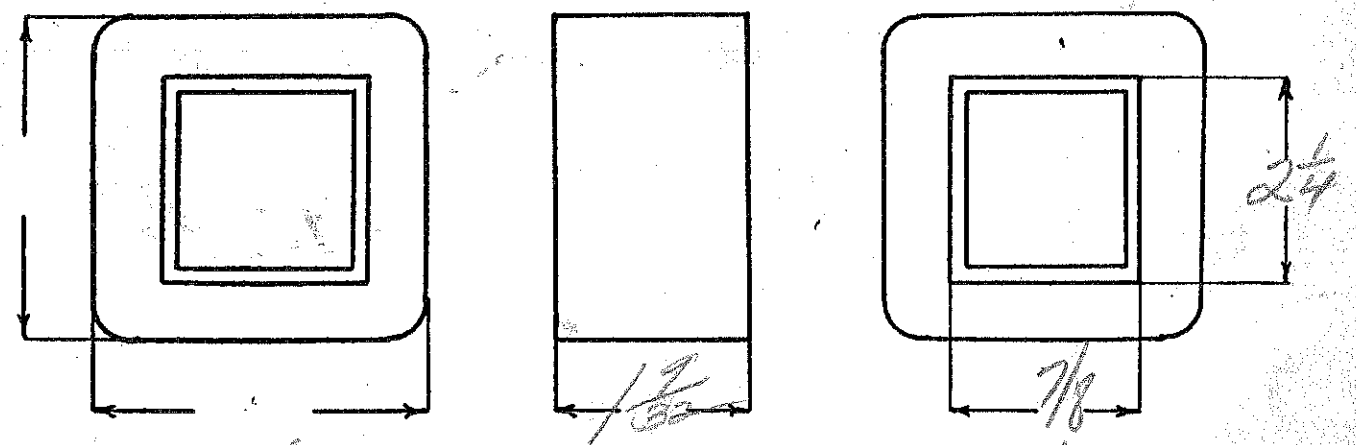
SPEC. NO. 3256-25N

| | | | | | | | |
|--------------|----------------|---------|----------------|-----------|-----|--|--|
| Winding | SEC | SHIELD | PRI | F1 | F2 | | |
| Turns | 3100 | 1 | 588 | 28 | 35 | | |
| Taps | 1550 | | — | — | — | | |
| Wind. Lgth. | 1 3/32 | | | | | | |
| Wire Size | #37 | SWIM | #28 | #21 | #22 | | |
| T. P. L. | #4-16 | STACK | 66-9 | | | | |
| Finish | | | | | | | |
| Type Lead | #22 Celloac | | #22 Celloac | Wire only | | | |
| Lead Lgth. | | | | | | | |
| Layer Insul. | double 120 | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 11005VC | 11005VC | 21005GA | ✓ | ✓ | | |

TUBE 5L007 IMPREGNATION VARNISH

CORE GA. GRADE STACK

MOUNTING 9A



DESIGNED BY *[Signature]*

DATE 11/

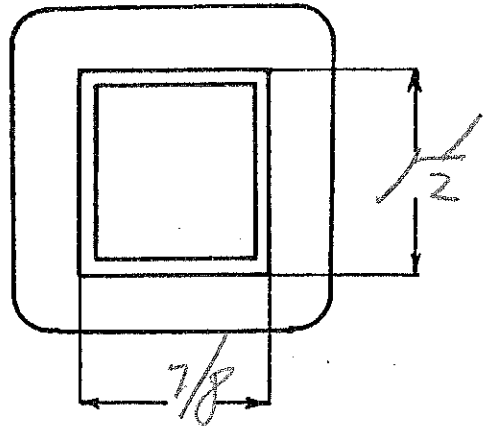
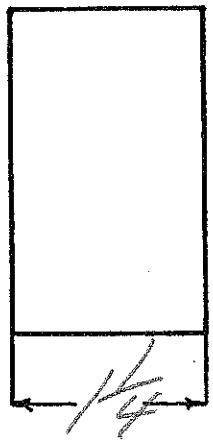
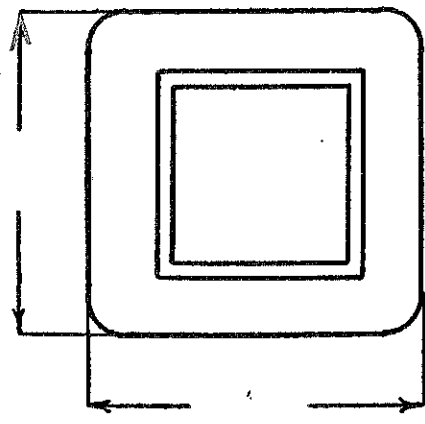
Ep - 250
 Es - 630V - 40 ma
 Ef - 5V - 2 amp
 Ef - 6.3V - 1.6 amp

398

SPEC. NO. 3256-230V

| | | | | | | | |
|--------------|---------------|---------|---------------|----------------|----------------|--|--|
| Winding | SEC | SHIELD | PR1 | F ₁ | F ₂ | | |
| Turns | 2540 | 1 | 990 | 23 | 28 | | |
| Taps | 1270 | | — | — | — | | |
| Wind. Lgth. | 1 3/32 | | | | | | |
| Wire Size | #37 | Shim | #30 | #21 | #21 | | |
| T. P. L. | 188-14 | Stack | 90-11 | | | | |
| Finish | #200A | | #200A | WIRE ONLY | | | |
| Type Lead | | | | | | | |
| Lead Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16H | | double 16H | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 11007VC | 11005VC | 71005GA | | 21005GA | | |
| TUBE | 62007 | | IMPREGNATION | | Double Varnish | | |

CORE GA. GRADE STACK
 MOUNTING A



DESIGNED BY *SW*

DATE 8/1/38

Ep - 420/240 series or parallel

BOB NEWCOMB

E_s - 630V (open) - 40 ma. POWER T1

TRON RADIO

E_{f1} - 5V - 2 amp

M-516
GILFILLAN

SPEC. NO. 3256

E_{f2} - 6.3V - 1.6 amp

POWER

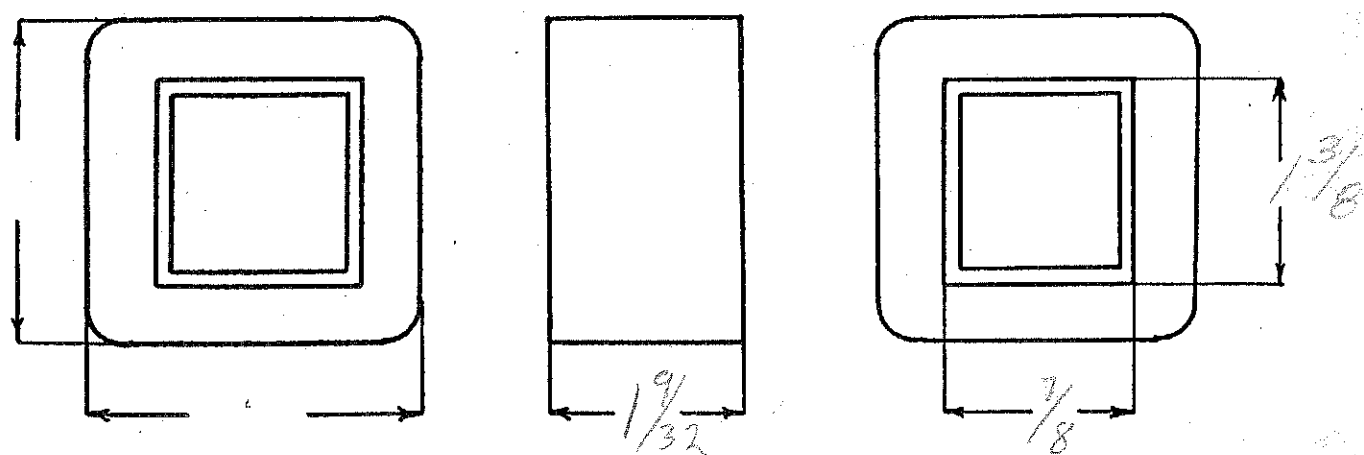
| Winding | h _w | Shield | P ₁ | P ₂ | Green F ₁ | Blue F ₂ |
|--------------|---------------------------|---------|-----------------------------|-----------------|----------------------|---------------------|
| Turns | 3100 | 1 | 600 | 600 | 28 | 35 |
| Taps | 1550 | | | | | |
| Wind. Lgth. | 1 3/32" | ✓ | ✓ | ✓ | ✓ | ✓ |
| Wire Size | # 37 | Shim | # 31 | # 31 | # 21 | # 22 |
| T. P. L. | 194-16 | | 100-6 | 100-6 | | |
| Finish | | | Start white Finish black | | | |
| Type Lead | # 22 Colloc | Silber | # 20 Colloc | # 20 Colloc | Wire Only | Wire Only |
| Lead Lgth. | 9" | 3" | 9" | 9" | 9" | 9" |
| Layer Insul. | double 12 [#] | | 30 [#] | 30 [#] | | |
| Test Volt. | 2500 | | 1250 | 1250 | | |
| Wrapper | 1L005VC | 1L005VC | 1L005VC | 2L005GA | 2L005GA | 2L005GA |

TUBE 52007 IMPREGNATION Varnish

CORE 1/8 x 1/8 GA. 24 GRADE D STACK 2 x 2

MOUNTING AA

16704
2,20
2,000 40%



DESIGNED BY JCG

DATE 3-14-39

6V to 750V - 3 watt

10.6

SPEC. NO. 3257

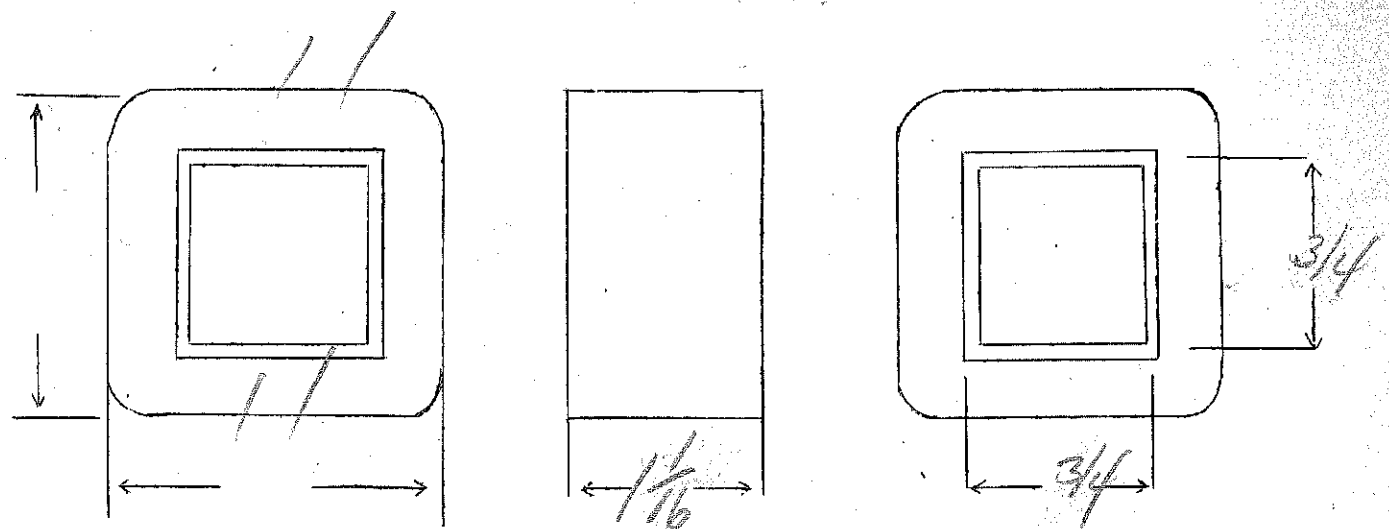
| | | | | | | |
|--------------|---------------|------|--|--|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 2000 | 65 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | 7/8 | | | | |
| Wire Size | #40 | #24 | | | | |
| T.P.L. | 224-36 | 2L | | | | |
| Kind Term. | Silbr | W.O. | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | Double 12# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 1407MC | | | | | |

TUBE 52007+10003VP IMPREGNATION VARNISH H

CORE 3/4 x 3/4 - 24 ga. Post steel PRIMARY V.A.

MOUNTING D-Bracket cut off at end of E - spec. bracket

spotted to D-Bracket



DESIGNED BY *GW*

DATE 4/16/37

E_p - 120V

E_{F1} - 5V - 2amp

Same as 6215

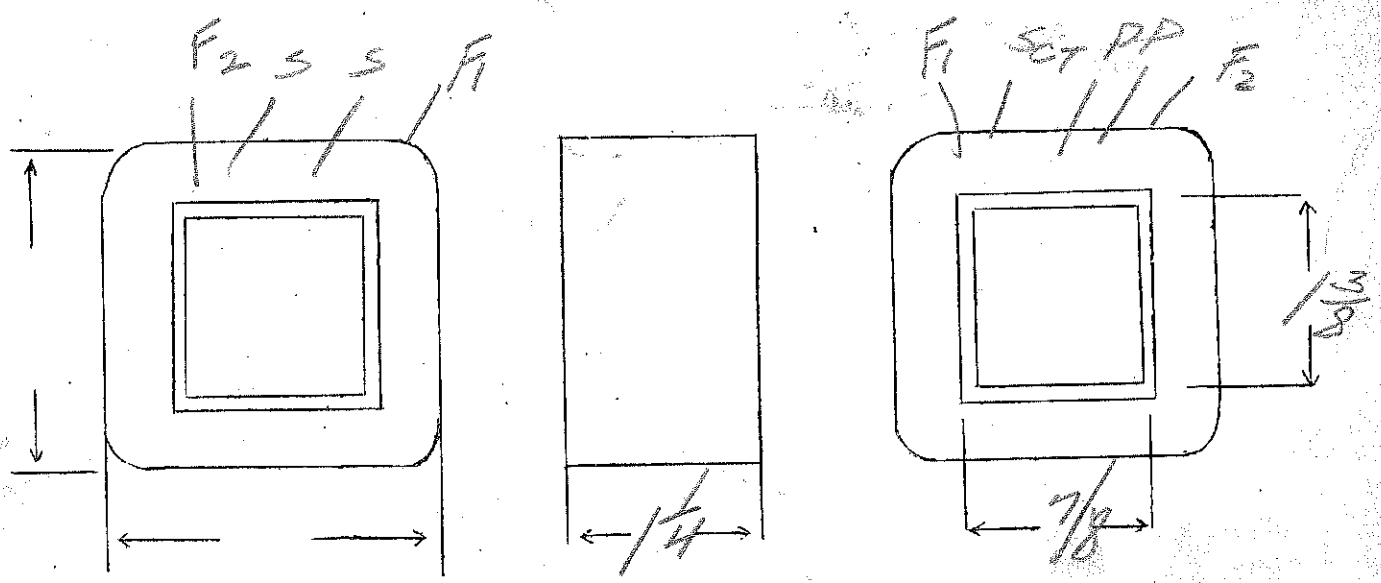
E_s - 640V open. 40ma

E_{F2} - 6.3V - 1.7amp

3258

SPEC. NO.

| | | | | | | | |
|--------------|---------------|---------------|---------------|----------------|----------------|--|--|
| Winding | SEC | SHIELD | DRI | F ₁ | F ₂ | | |
| Turns | 2740 | 1 | 512 | 24 | 30 | | |
| Taps | 1370 | - | - | | | | |
| Wind. Lgth. | 1 1/16 | 1 1/16 | 1 1/16 | ✓ | ✓ | | |
| Wire Size | #37 | Shim Stock | #27 | #21 | #21 | | |
| T.P.L. | 196-14 | mm 51/16 | 64-8 | | | | |
| Kind Term. | #20 Par Br | Sil. Br | #20 Par Br | WIRE | DMT | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 14# | | 40# | | | | |
| Test Volt. | 2500 | | 1250 | 2500 | 1250 | | |
| Wrapper | 1L007VC | 1K005VC | 2L0056A | 2L0056A | 2L0056A | | |
| TUBE | 5L007 | | | IMPREGNATION | VARNISH | | |
| CORE | 7/8 x 1 3/8 | | | | PRIMARY V.A. | | |
| MOUNTING | A02 SA | | | | | | |



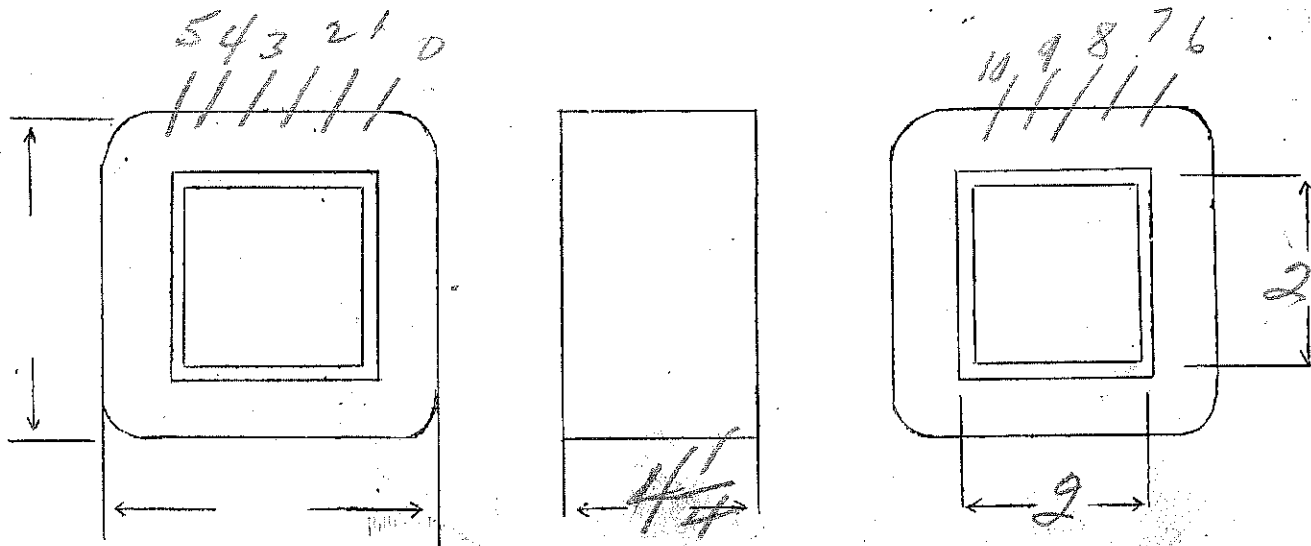
DESIGNED BY *Shw*

DATE 4/10/37

special coil

SPEC. NO. 3259

| | | | | | | | |
|-------------|------------------------------------|--|--|--------------|--------------|--|--|
| Winding | | | | | | | |
| Turns | 630 | | | | | | |
| Taps | 79-142-210-276-340-402-462-520-576 | | | | | | |
| Wind. Lgth. | 4" | | | | | | |
| Wire Size | #13 | | | | | | |
| T.P.L. | 49-13 | | | | | | |
| Kind Term. | WIRE ONLY - Slowing | | | | | | |
| Term. Lgth. | 6" | | | | | | |
| Layer Insul | 007 Kraft | | | | | | |
| Test Volt | | | | | | | |
| Wrapper | PROSEEA | | | | | | |
| TUBE | 102257 | | | IMPREGNATION | Varnish | | |
| CORE | 2x2 - Eonly | | | | PRIMARY V.A. | | |
| MOUNTING | uncess | | | | | | |



DESIGNED BY *ew*

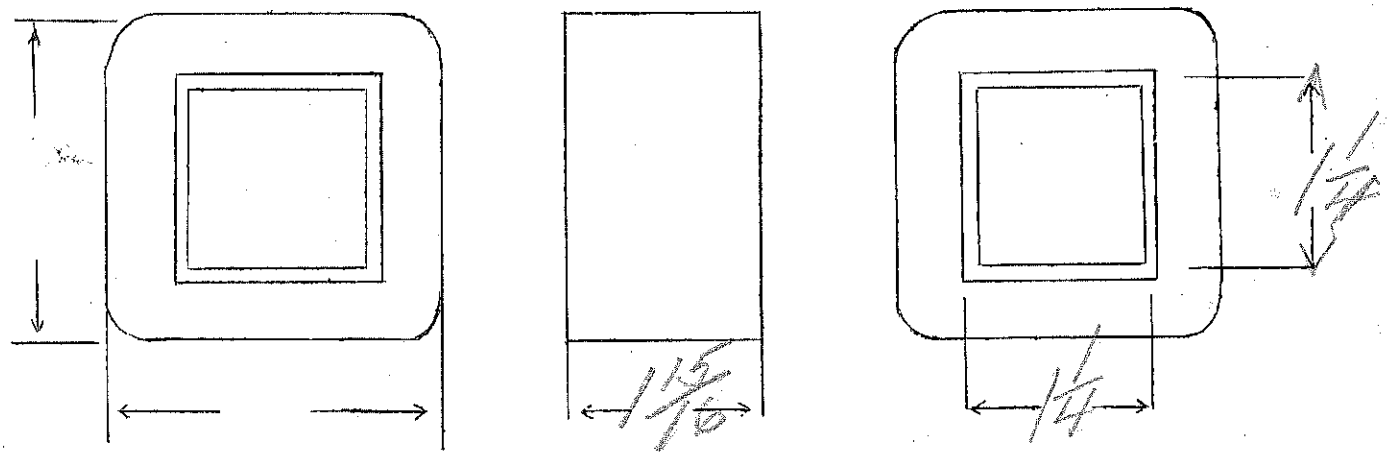
DATE 4/17/37

Ep-120
 ES-750VCT-125ma
 EF1-5V-2amp

EF2-5V-125amp CT
 EF3-3.0VCT-6amps

SPEC. NO. 3260

| Winding | SEC | SHIELD | DR1 | F1 | F2 | F3 | |
|--------------|---------------|--------|-----------|--------------|-----|---------|--|
| Turns | 2950 | 170 | 424 | 20 | 20 | 12 | |
| Taps | 1475 | | | | 10 | 6 | |
| Wind. Lgth. | 1.75 | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Wire Size | #32 | #32 | #21 | #18 | #20 | #15 | |
| T.P.L. | 170-18 | | 53-8 | | | | |
| Kind Term. | #20 DR | W.O. | #20 DR | WIRE ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | 9" | |
| Layer Insul. | double 16# | | 50# | | | | |
| Test Volt. | 2500 | | 1250 | | | | |
| Wrapper | K007K | K007K | 200760 | ✓ | ✓ | 20076A | |
| TUBE | 76007 1 | | | IMPREGNATION | | Varnish | |
| CORE | 1/4 x 1/4 | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |



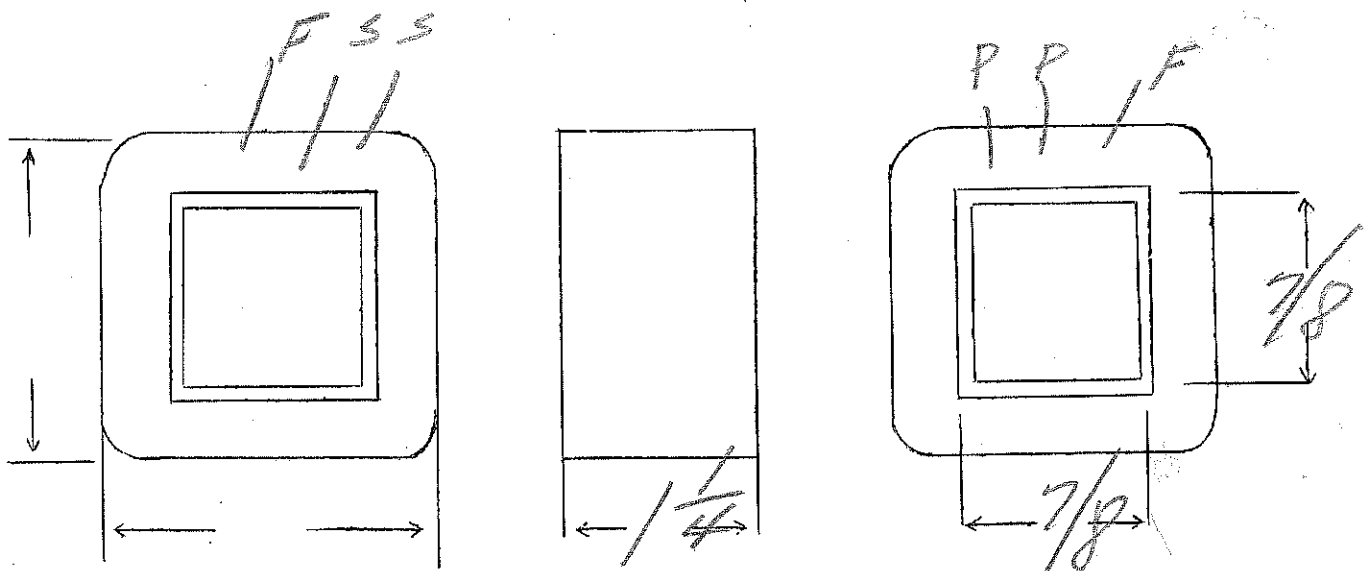
DESIGNED BY *SW*

DATE *4/2*

EP - 230V
 ES - 280V - 22 ma
 EF - 5V - .25 amp

SPEC. NO. 3261

| | | | | | | | |
|--------------|---------------------------|--------|---------|--------------|--|------------|--|
| Winding | SEC | PRI | FLK | | | | |
| Turns | 2440 | 1750 | 42 | | | | |
| Taps | — | — | — | | | | |
| Wind. Lgth. | 1" | 1" | | | | | |
| Wire Size | #37 | #33 | #26 | | | | |
| T.P.L. | 175-14 | 117-15 | 14 | | | | |
| Kind Term. | #20 or Brand | | | | | | |
| Term. Lgth. | 9" | 9" | 9" | | | | |
| Layer Insul. | 30# | 30# | | | | | |
| Test Volt. | 2500 | 1250 | | | | | |
| Wrapper | 1007VC | 1007VC | 210058A | | | | |
| TUBE | 7607 | | | IMPREGNATION | | No varnish | |
| CORE | 7/8 x 7/8 - 2x2 | | | PRIMARY V.A. | | | |
| MOUNTING | CA - Cadmium plated shell | | | | | | |



DESIGNED BY *Geo*

DATE *4/20/37*

Ep - 120V
 Es - 550VCT - 40 ma
 Et - 5V 2amp

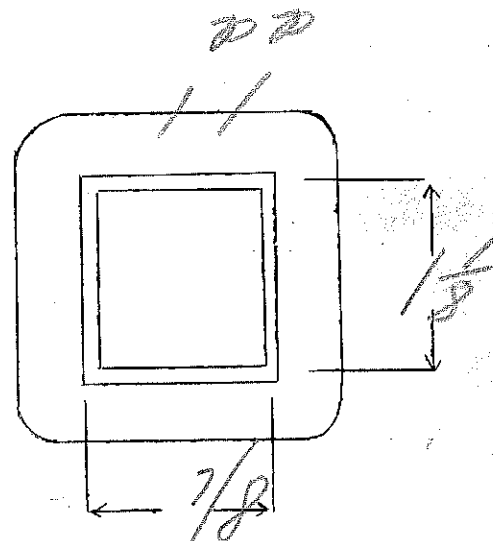
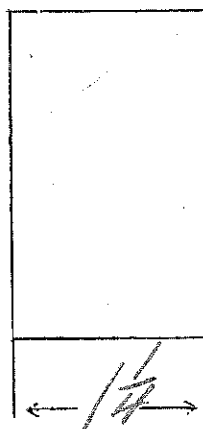
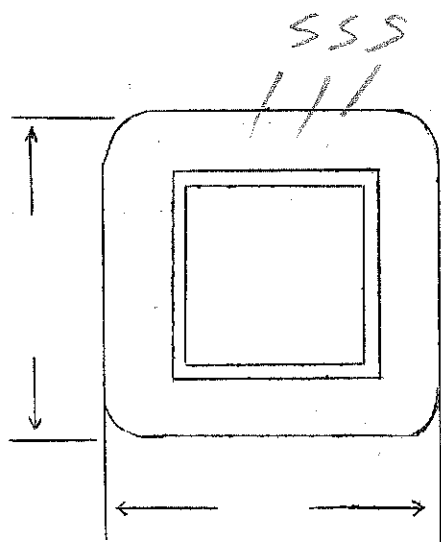
CF₂ - 613V - 3amp

5-37

SPEC. NO.

3262

| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
|--------------|-----------------|--------|-----------------|----------------|----------------|---------|--|
| Turns | 3100 | 72 | 645 | 30 | 37 | | |
| Taps | 1550 | | | - | - | | |
| Wind. Lgth. | 1 1/16 | 1 1/16 | 1 1/16 | | | | |
| Wire Size | #37 | | #28 | #21 | #22 | | |
| T.P.L. | 195-16 | 72 | 72-9 | | | | |
| Kind Term. | #22 ferriite | | #22 ferriite | WIRE out | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 40# | | 40# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1007VC | 1007VC | 20056A | 20056A | 20056A | | |
| TUBE | 54007 | | | IMPREGNATION | | Varnish | |
| CORE | 7/8 x 1 1/8 | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |



DESIGNED BY

[Signature]

DATE

4/20/37

neon type - Ep-120V

ES-3500V @ 50 ma (50) - 45 ma load

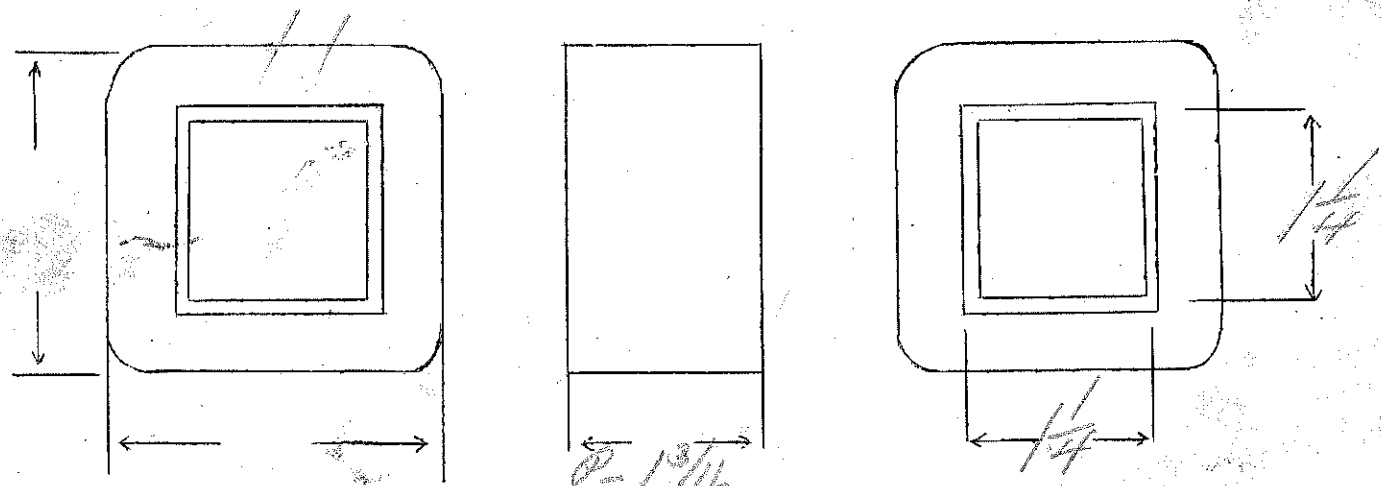
for 6 - 75MM OD tubing

365 SPEC. NO. 3263

| | | | | | | |
|--------------|----------------------------------|--|--------------|--------------------------------------|-------------|----------------|
| Winding | SEC | | PR1 | | | |
| Turns | 14000 | | 436 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 13/8 | | 7/8 | | | |
| Wire Size | #35 | | #21 | | | |
| T.P.L. | 204-69 | | 26-17 | | | |
| Kind Term. | Sil Br | | #21 Br | | | |
| Term. Lgth. | 9" | | 9" | | | |
| Layer Insul. | double 20# | | 50# | | | |
| Test Volt. | | | | Spiral first two and last two layers | | |
| Wrapper | 2007VC 2005GA | | 2005GA | | | DOUBLE VARNISH |
| TUBE | 9207 #100.7VC on sec | | IMPREGNATION | | VARNISH | |
| CORE | 1 1/4 x 1 1/4 - 24# - butt stack | | PRIMARY V.A. | | include fan | |
| MOUNTING | increased - neon type brackets | | | | | |

start sec lead in coil

bridge approx 1/2" pieces 2 x 3/4" .005 gap



DESIGNED BY

[Handwritten signature]

DATE

9/27/37

neon type

EP-120V

ES-2200V @ 25mA (50) - 22 ma load

3264

for 3' of 25 mm tubing

5.15

SPEC. NO.

| | | | | | | |
|--------------|-----------|--|-------------------|--|------------------------------|--|
| Winding | PRI | | SEC | | | |
| Turns | 620 | | 11500 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/8 | | 15/16 | | | |
| Wire Size | #25 | | #38 | | | |
| T.P.L. | 42-15 | | 192-60 | | | |
| Kind Term. | WIRE ONLY | | 3rd Braid | | | |
| Term. Lgth. | 3' | | 3' | | | |
| Layer Insul. | 50# | | double 12# | | special first and last layer | |
| Test Volt. | | | 5000 | | | |
| Wrapper | 210056A | | 21007C 210050A | | | |

TUBE | 71007+ (10007 cones) | IMPREGNATION | VARNISH-deplanning

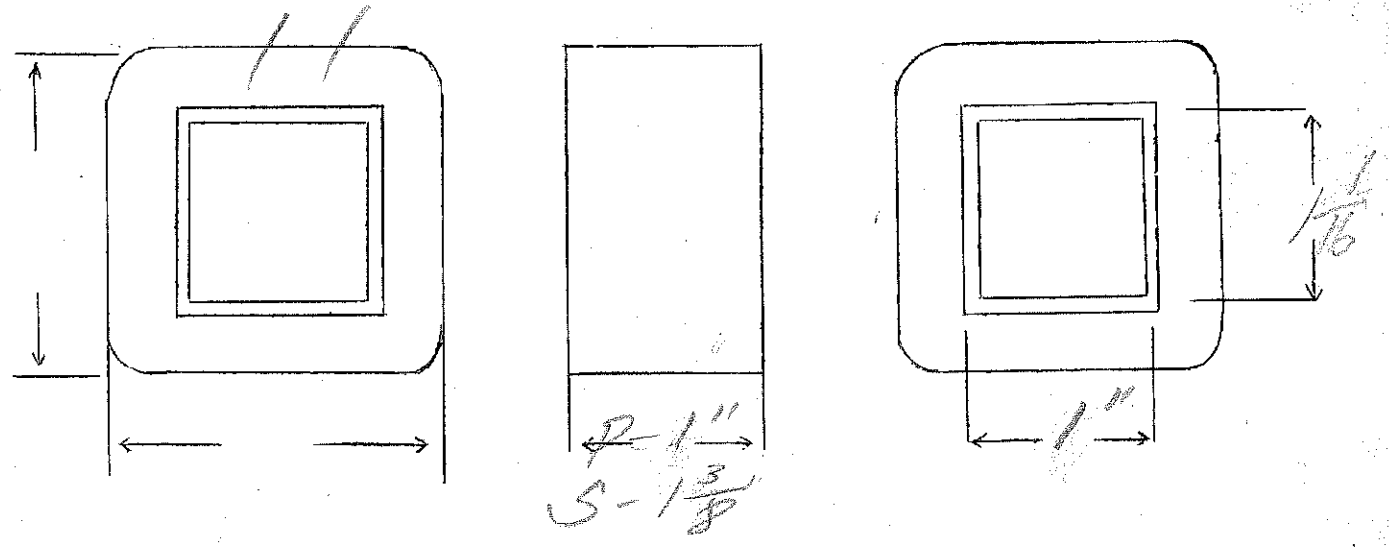
CORE | 1x 1 1/16 - 24/32 - double E - Butt | PRIMARY V.A.

MOUNTING | uncoated | adjust spacers for 25 ma ss

Panel on pri + sec.

Secondary finishing over mica

7 - spacers



DESIGNED BY

SW

DATE

7/15/37

EP - 115 or 230V - series or parallel

ES - 6000VCT - 400 ma

N/E = 87

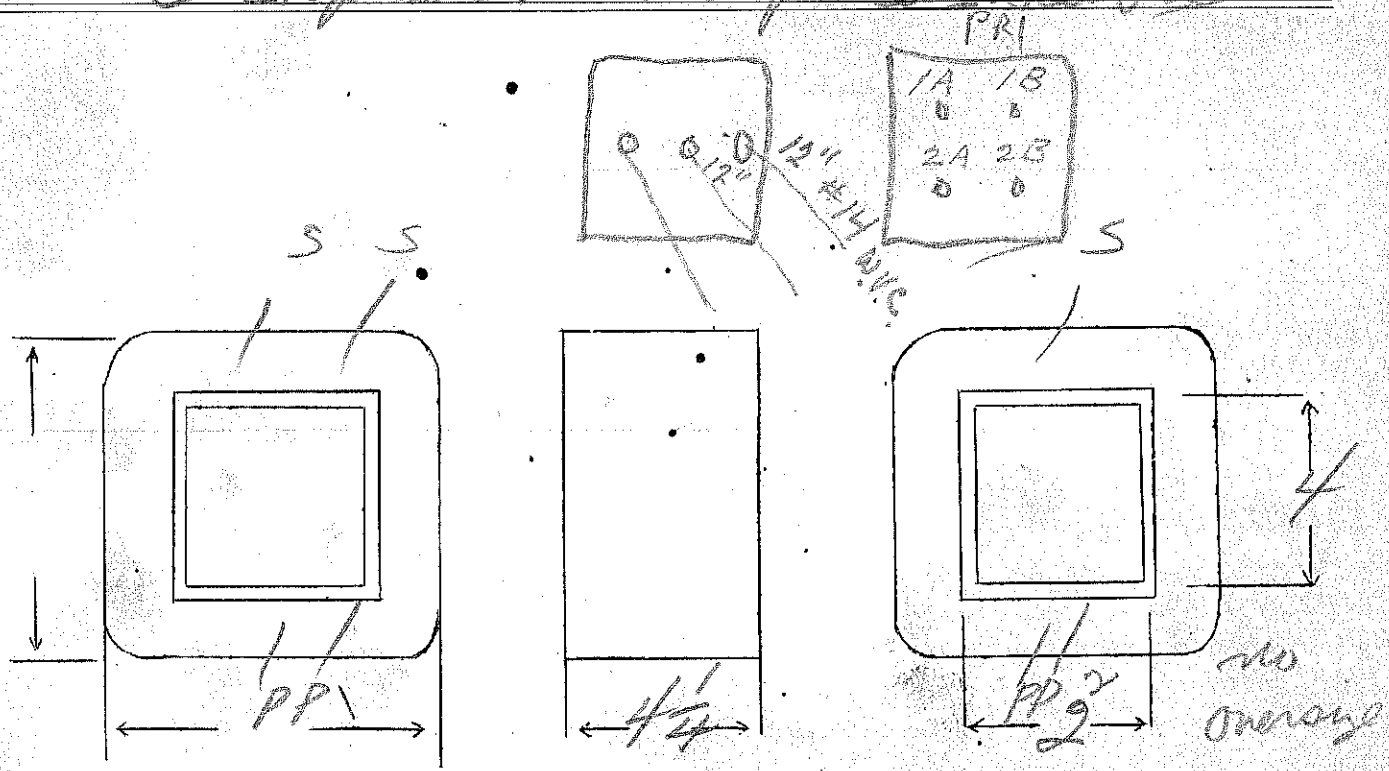
SPEC. NO. 3266

| | | | | | | |
|--------------|----------------|----------------|---------------|--|--|--|
| Winding | P ₁ | P ₂ | S | | | |
| Turns | 100 | 100 | 5500 | | | |
| Taps | - | - | 2750 | | | |
| Wind. Lgth. | 4" | 4" | 3 7/16" | | | |
| Wire Size | #13 | #13 | #26 | | | |
| T.P.L. | 50-2 | 50-2 | 184-30 | | | |
| Kind Term. | WIFE ONLY | | | | | |
| Term. Lgth. | 5" | 5" | 5" | | | |
| Layer Insul. | 0-07. Krap | | double 50% | | | |
| Test Volt. | 2500 | | 10,000 V | | | |
| Wrapper | 24056A | 40071C | 40071C | | | |
| | 24056A | 24056A | 24056A | | | |

TUBE 102007 IMPREGNATION Various

CORE 2x4 PRIMARY V.A. 1300 *check with SW*

MOUNTING G special terminal plate see list



DESIGNED BY

GW

DATE

4/30/37

$E_p = 115 \text{ Volt. } 60 \sim$

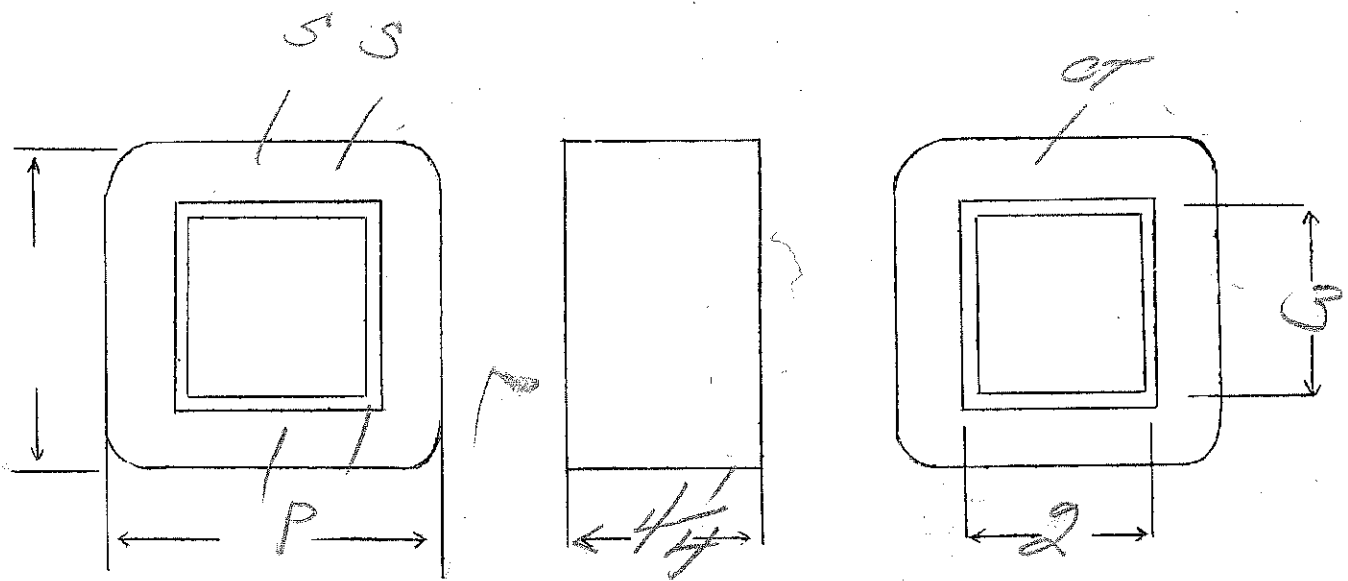
$E_s = 3500 \text{ V.C.T. } - 500 \text{ MA} - \text{good regulation for Class B. series}$

VA = 875

N/E-116

SPEC. NO. 3267

| | | | | | | | |
|--------------|--------------------|--|--------------|--|---------|--|--|
| Winding | SEC | | PRI | | | | |
| Turns | 4380 | | 136 | | | | |
| Taps | 2190 | | - | | | | |
| Wind. Lgth. | 3 1/2 | | 3 1/2 | | | | |
| Wire Size | #25 | | #11 | | | | |
| T.P.L. | 168-26 | | 4L | | | | |
| Kind Term. | WIRE ONLY | | 4 | | | | |
| Term. Lgth. | 4" | | 4" | | | | |
| Layer Insul. | double 50 # | | | | | | |
| Test Volt. | 7500 Volts | | | | | | |
| Wrapper | 32007VC 41005GA | | 31005GA | | | | |
| TUBE | 10L007F/10007K | | IMPREGNATION | | VARNISH | | |
| CORE | 2x3 | | PRIMARY V.A. | | | | |
| MOUNTING | G | | | | | | |



DESIGNED BY

JWR

DATE

4/27/37

Ep - 110-115-120
 Es - 3000V - 150MA

E_F - 5.2V - 8 amp CT

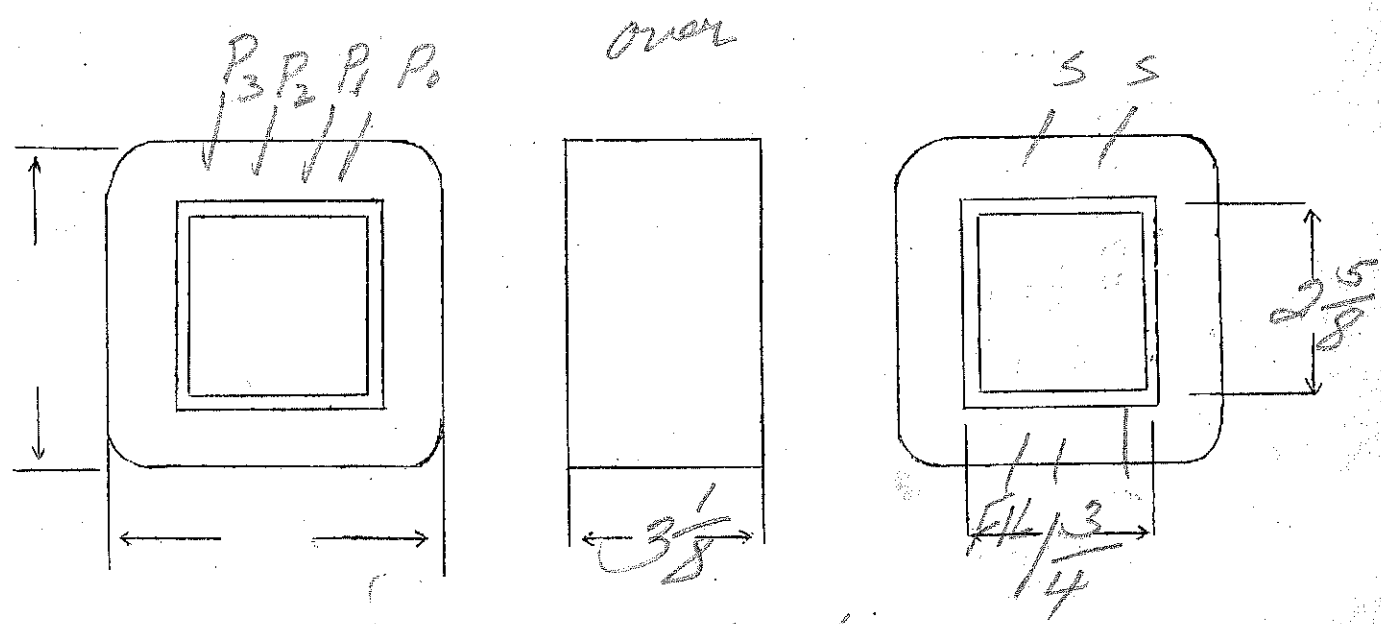
14

SPEC. NO. 3268

| | | | | | | | |
|--------------|-------------------|------------|---------|--|--|--|--|
| Winding | SEC | PR1 | FIL | | | | |
| Turns | 4500 | 168 | 8 | | | | |
| Taps | - | 161 154 | 4 | | | | |
| Wind. Lgth. | 2 1/2 | 2 1/2 | - | | | | |
| Wire Size | #29 | #13 | #13 | | | | |
| T.P.L. | 188-24 | 6L | | | | | |
| Kind Term. | WIRE | ONLY | | | | | |
| Term. Lgth. | 3" | 3' | 3' | | | | |
| Layer Insul. | 40# | 100K | | | | | |
| Test Volt. | 2500 | | | | | | |
| Wrapper | 3L007K 3L0056A | 3L0056A | 3L0056A | | | | |

TUBE 10L007F 10007UC IMPREGNATION Varnish
 CORE 1 3/4 x 2 5/8 PRIMARY V.A.

MOUNTING increased - 2 horiz frames - long bolts
 Pri to panel & hijs, sec to bakelite strips



DESIGNED BY *[Signature]*

DATE 4/27/37

Ep- 120 - 195V
 Es - 2500V

97

SPEC. NO. 3269

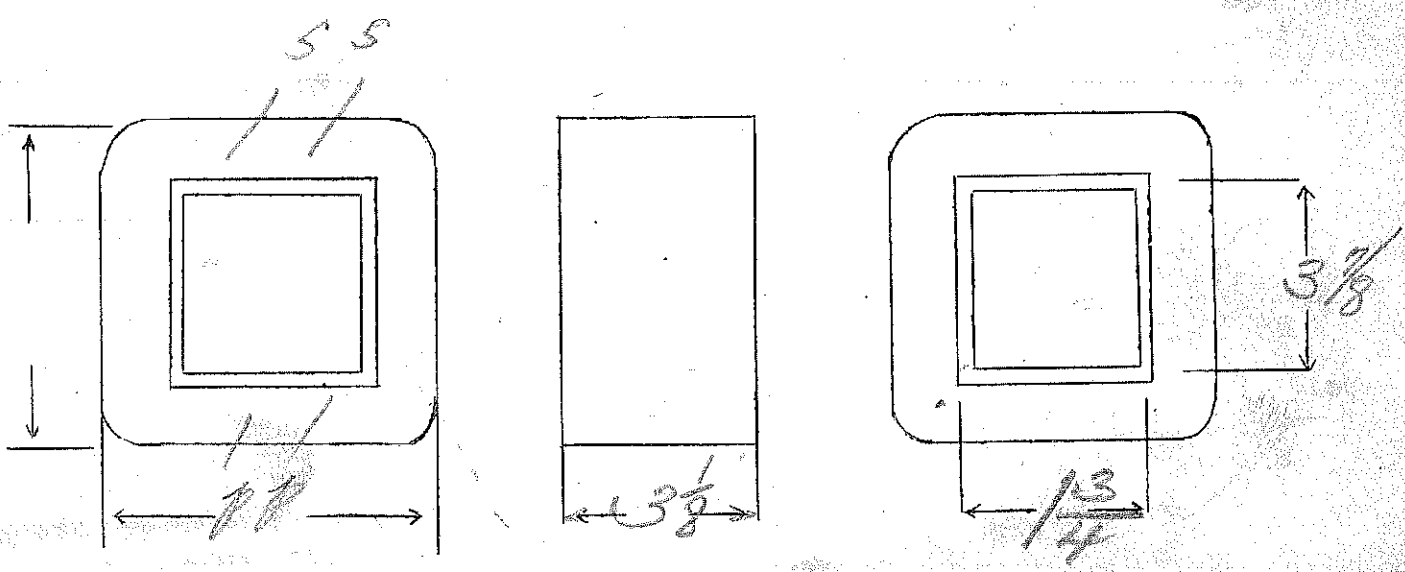
Continuous

| | | | | | | |
|--------------|--------------------|--------------------|--------------------|-----|-------|--|
| Winding | SEC | PRI | | | | |
| Turns | 2520 | 117 | 73 | 0 | white | |
| Taps | — | — | — | 110 | Black | |
| Wind. Lgth. | 2 1/2" | 2 3/4" | | 195 | Blue | |
| Wire Size | #25 | #12 | #18 | | | |
| T.P.L. | 120-21 | 4L! | | | | |
| Kind Term. | #20 Dulac | white -slipping | | | | |
| Term. Lgth. | 12" | 18" | | | | |
| Layer Insul. | double 150# | | | | | |
| Test Volt. | 7500 | | | | | |
| Wrapper | 22007VC 22005GA | | 22005GA 12010RR | | | |

TUBE | 10L007+1L007VC | IMPREGNATION | VARNISH

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

MOUNTING | uncase - leads out on top thru front
 start lead in coil



DESIGNED BY *LW*

DATE *4/21/37*

special 6V - 750 volt

333

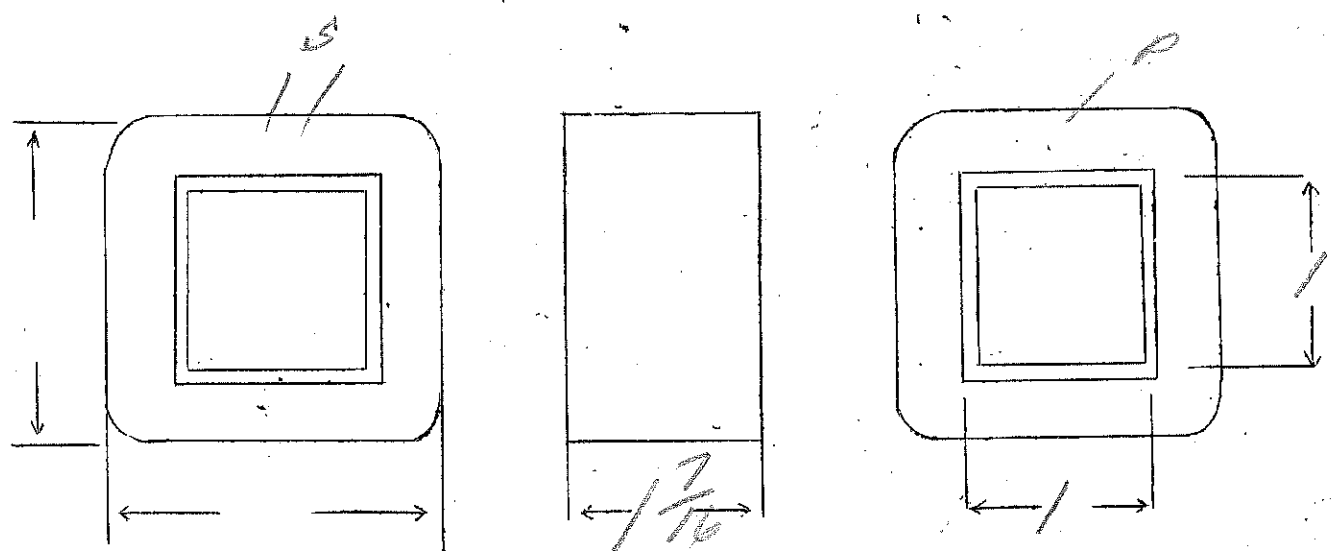
SPEC. NO.

3270

| | | | | | | |
|--------------|---------|------|--|--|--|--|
| Winding | SEC | PR1 | | | | |
| Turns | 25000 | 200 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1.25 | 1.25 | | | | |
| Wire Size | #40 | #26 | | | | |
| T.P.L. | 340-74 | 67-3 | | | | |
| Kind Term. | Sil B | W.S. | | | | |
| Term. Lgth. | 3 1/2 | 3" | | | | |
| Layer Insul. | 16 # | 40 # | | | | |
| Test Volt. | 2500 | | | | | |
| Wrapper | 26007VC | | | | | |

| | | | |
|----------|---------------------------|--------------|-----|
| TUBE | 76007+16007VC | IMPREGNATION | way |
| CORE | 1x1 - 24 lb (Eonly) | PRIMARY V.A. | |
| MOUNTING | C - long bolts - no steel | | |

Insulate sec. for 1000V in finishing



DESIGNED BY *HW*

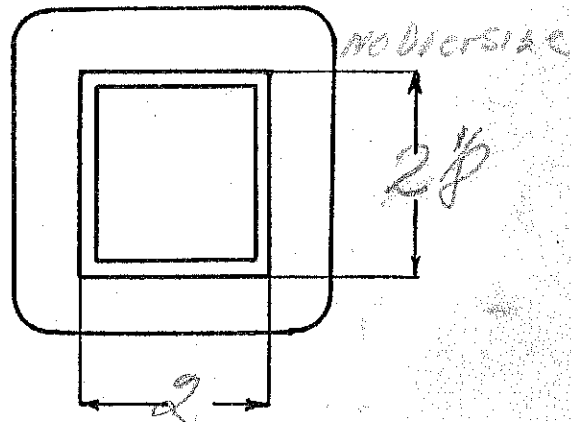
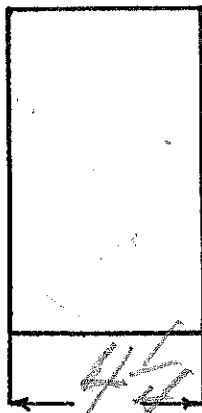
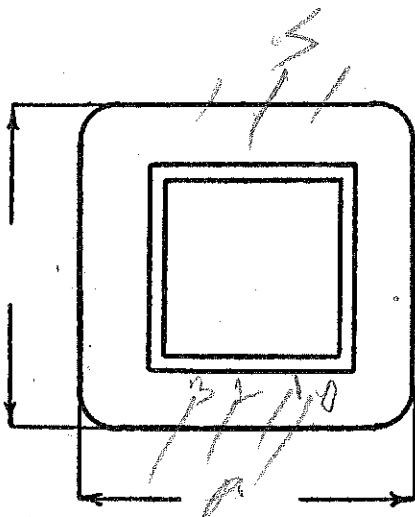
DATE 4/28/33

Ep - 110-115-12.5V

Es - 220VCT-300MQ

SPEC. NO. 3271

| | | | | | | |
|--------------|---|---------|--------------|---------|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 4050 | 200 | | | | |
| Taps | 2025 | 187-179 | | | | |
| Wind. Lgth. | 3 5/8 | | | | | |
| Wire Size | #26 | #11 | | | | |
| T. P. L. | 204 | 6L | | | | |
| Finish | WIPE ONLY | | | | | |
| Type Lead | | | | | | |
| Lead Lgth. | 4" | 4" | | | | |
| Layer Insul. | double 40# | 007K | | | | |
| Test Volt. | | | | | | |
| Wrapper | 31007VC 31005GA | 31005GA | | | | |
| TUBE | 1021007 + 21002VC | | IMPREGNATION | VARNISH | | |
| CORE | 2 x 2 1/8 | GA. 24 | GRADE | STACK | | |
| MOUNTING | Mica - pri to dup - see to be built strip | | | | | |



DESIGNED BY

[Signature]

DATE

12/7/30

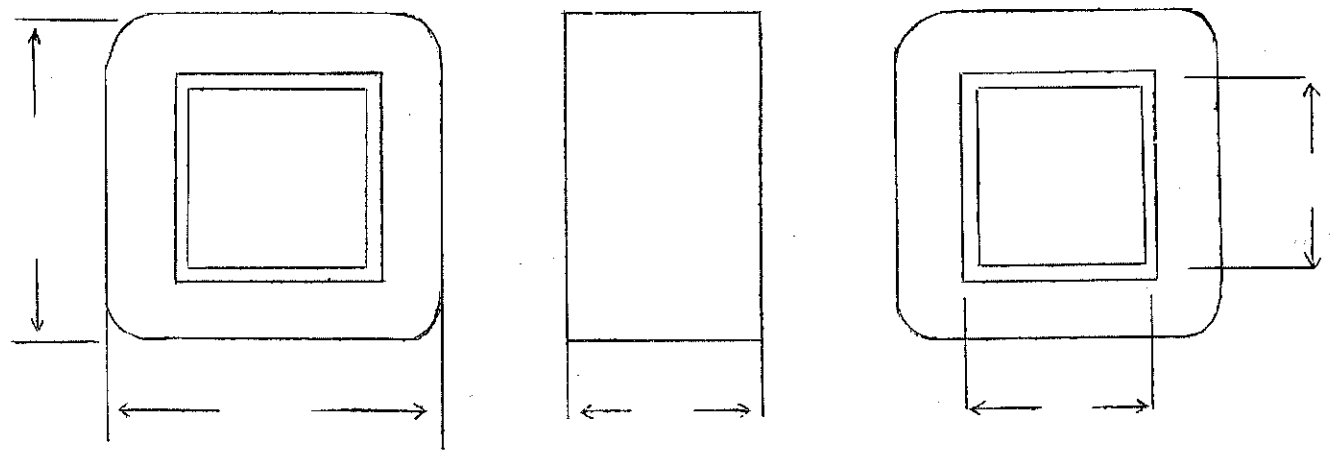
EP - 110-100-130
 ES - 1100VCT - 200MA
 EF1 - EF2 - 5V - 2.5amp (P2CT)

SPEC. NO. 3272

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| 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 | F | | |

printed MGM 2 @ 1100 just 4/28/37
 1100 700 P @ 300 line



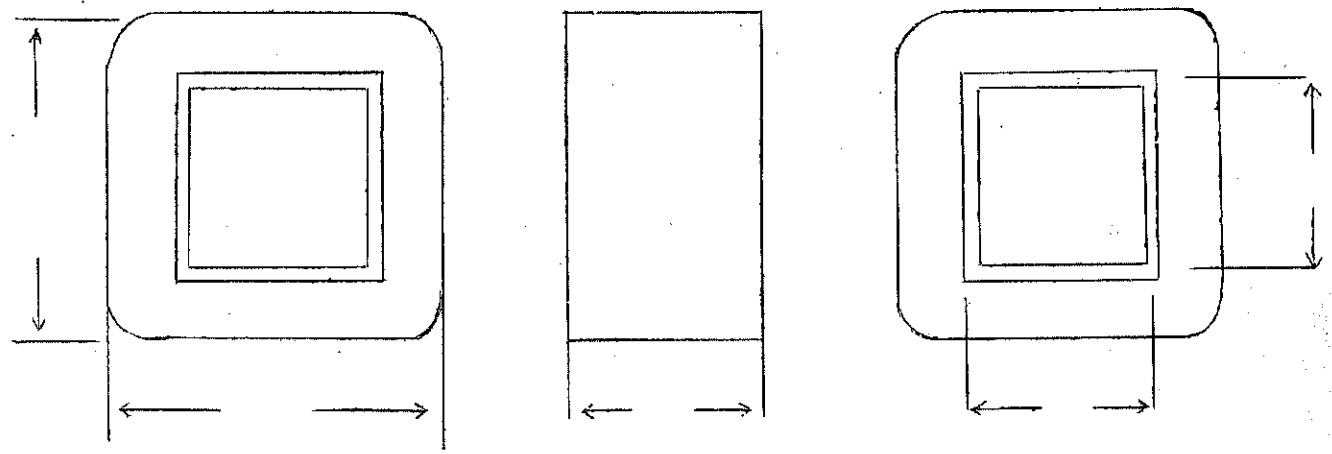
DESIGNED BY

DATE

Del - 1506 - 25 ~

SPEC. NO. 3273-25N

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

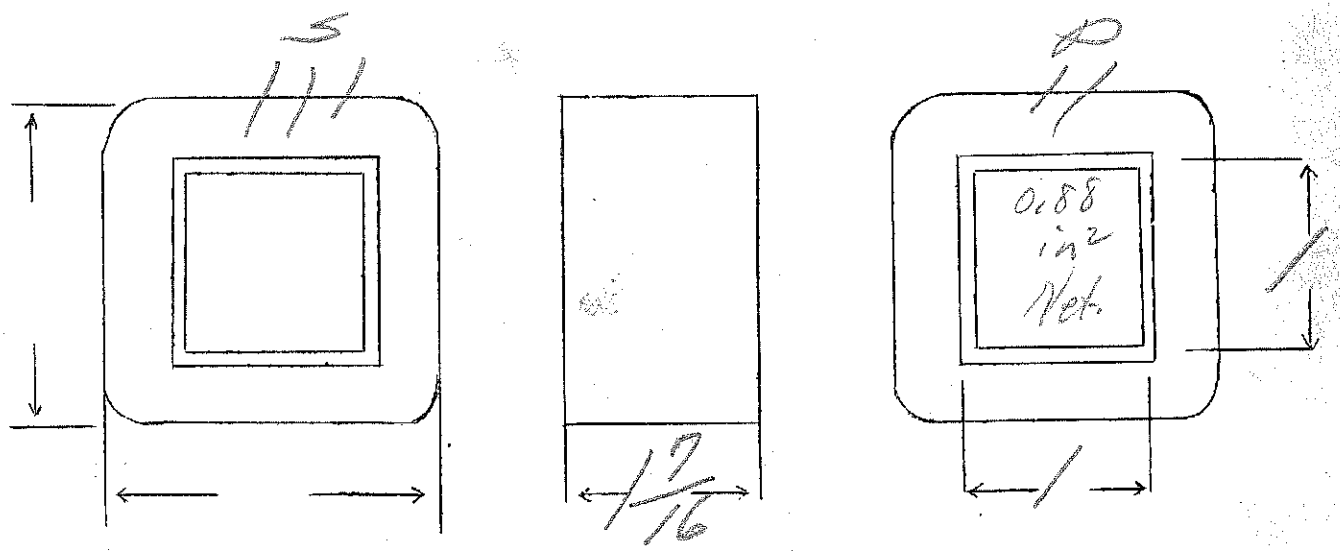
Ep - 240V
 Es - 660V - 45ma
 Ef - 5V - 2amp
 Ef. 6.3V - 1.9amp

555 SPEC. NO. 3273-240V

| Winding | SEC | SHIELD | PR1 | F1 | F2 | | |
|--------------|---------------|--------|--------|--------------|------|--|-------------------|
| Turns | 3650 | 105 | 1330 | 31 | 39 | | |
| Taps | 1825 | | | | | | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | ✓ | ✓ | | |
| Wire Size | #37 | #30 | #30 | #21 | #21 | | |
| T.P.L. | 230-16 | | 105-13 | | | | |
| Kind Term. | #37 | | #30 | WIRES | ONLY | | |
| Term. Lgth. | 9" | | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 30# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1007VC | 1007VC | 21005 | | | | Double Varnish |
| TUBE | 54007 | | | IMPREGNATION | | | |
| CORE | 1X1 | | | PRIMARY V.A. | | | |
| MOUNTING | SA- | | | | | | |

Co = 735-488-405-426
 Fe = 77 @ 60w
 TPU = 5.54

$2 Sec VA = 36.8$
 $Pri VA = 49.3$
 $Pri I = 205ma$
 $\eta = 83 \cos \theta =$



DESIGNED BY *gw*

DATE *9/10/37*

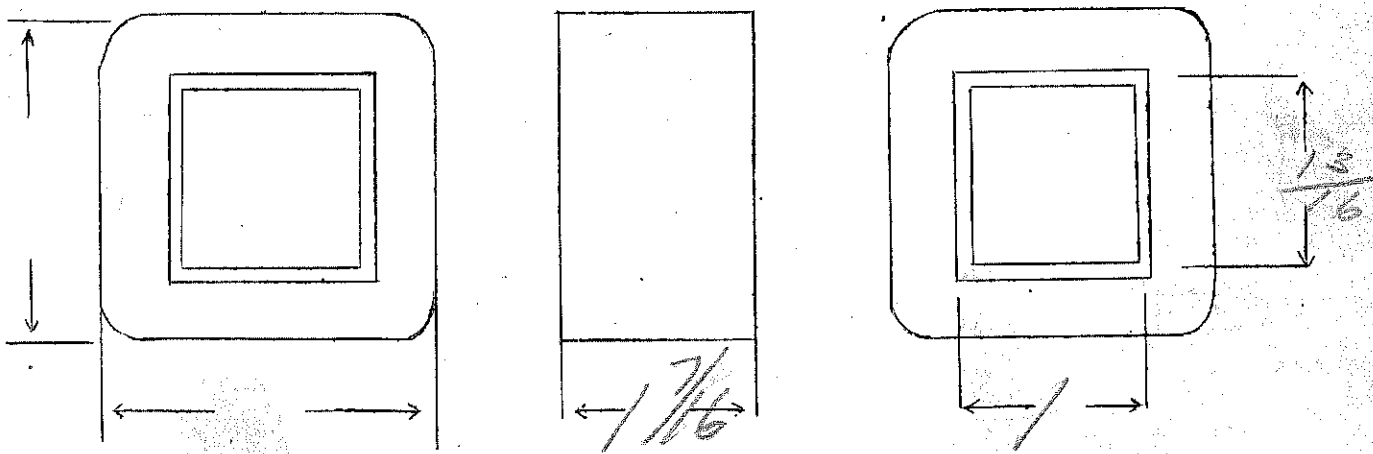
EP - 120V
 ES - 650V CT @ 45 ma.
 EF₂ - 6.3V - 1.6 amp.
 EF₁ - 5V - 2 amp.

4 tube
 Same as 1506

SPEC. NO. *green Blue* 3273

| Winding | SEC. | SHIELD | PRI. | | F ₁ 8" | F ₂ 8" |
|--------------|------|--------|------|--|-------------------|-------------------|
| Turns | | | | | 35 | 44 |
| Taps | | | | | | |
| Wind. Lgth. | | | | | | |
| Wire Size | | | | | 21 | 22 |
| T.P.L. | | | | | | |
| Kind Term. | | | | | | |
| Term. Lgth. | | | | | | |
| Layer Insul. | | | | | | |
| Test Volt. | | | | | | |
| Wrapper | | | | | | |

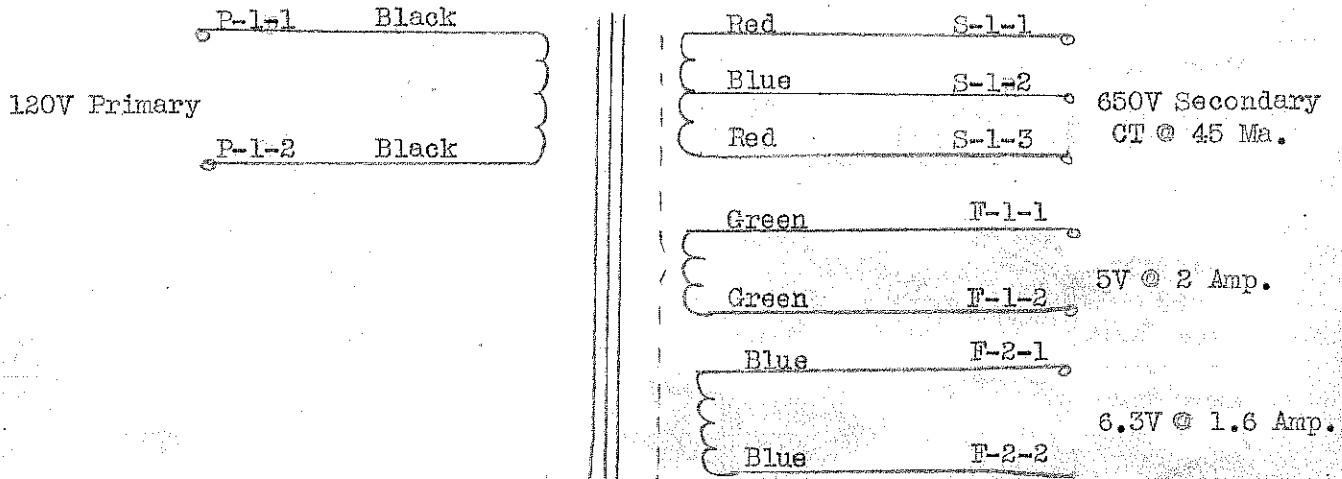
TUBE _____ IMPREGNATION _____
 CORE _____ PRIMARY V.A. _____
 MOUNTING *JA - Black*



DESIGNED BY *Geo*

DATE *4/28/37*

#3273-SA



Ep-170

EF-5V Lamp

ES-630V (open) 40ma

EF-6.3V 13amp

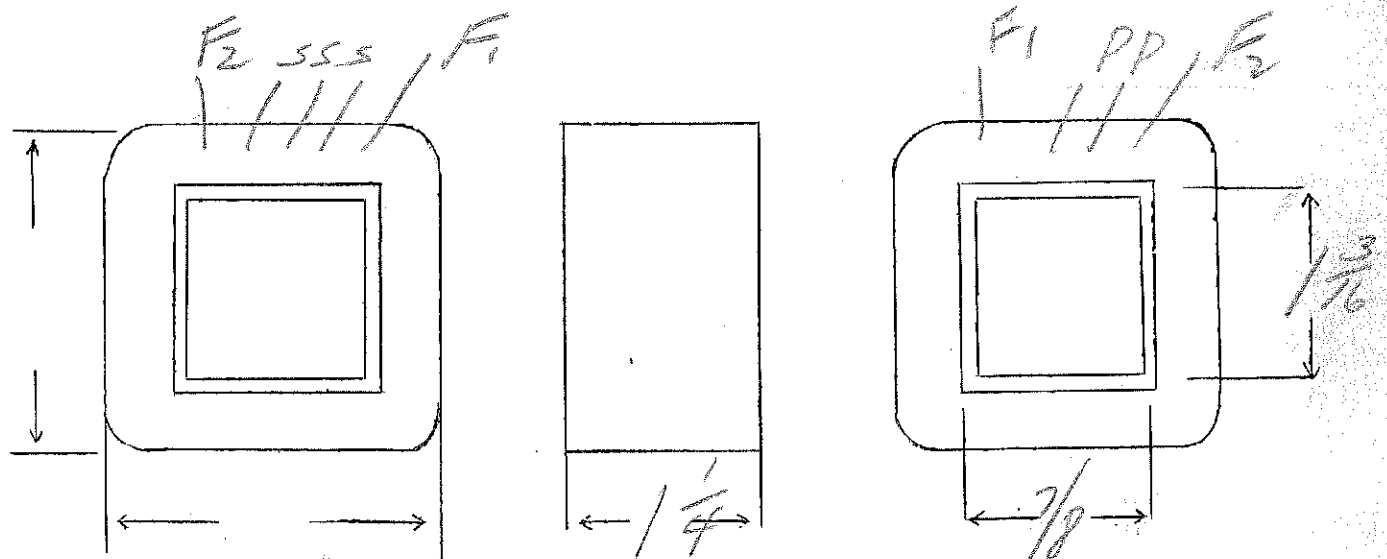
477

(4 tube)

SPEC. NO.

3274

| | | | | | | | |
|--------------|---------------|--------|------------|----------------|----------------|---------|--|
| Winding | SEC | SHIELD | PRI | F ₁ | F ₂ | | |
| Turns | 3000 | 72 | 572 | 27 | 33 | | |
| Taps | 1500 | | — | — | — | | |
| Wind. Lgth. | 1 1/16 | ✓ | ✓ | ✓ | ✓ | | |
| Wire Size | #37 | #28 | #28 | #21 | #22 | | |
| T.P.L. | 190-16 | | 72-8 | | | | |
| Kind Term. | #20 Pwr | | #20 Pwr | wire | only | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 14# | | 40# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1007C | 1005VC | 21005B | 21005B | 21005B | | |
| TUBE | 52007 | | | IMPREGNATION | | Varnish | |
| CORE | 7/8 x 1 1/8 | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |



DESIGNED BY *SW*

DATE 4/28/37

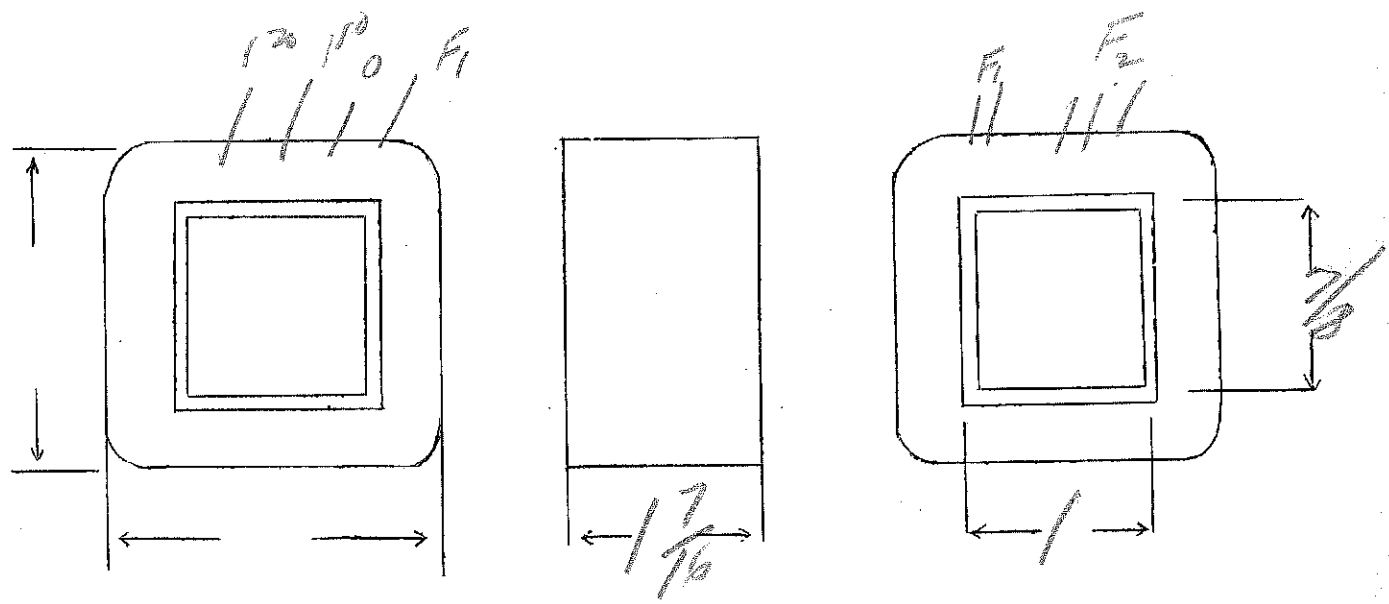
Ep-110-120
 7.5 V - 1.5 amp
 6.5V - 1.5 amp

VA = 22

6.35

SPEC. NO. 3275

| | | | | | | | |
|--------------|-------------|----------------|----------------|---------|--|--|--|
| Winding | PRI | F ₁ | F ₂ | | | | |
| Turns | 760 | 53 | 45 | | | | |
| Taps | 700 | 26 | 22 | | | | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | | | | |
| Wire Size | #28 | #20 | #20 | | | | |
| T.P.L. | 78-9 | | | | | | |
| Kind Term. | WIRE ONLY | | | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | 40# | | | | | | |
| Test Volt. | 1250 | ✓ | ✓ | | | | |
| Wrapper | 21005GA | 21005GA | 21005GA | | | | |
| TUBE | 76007 | IMPREGNATION | | Varnish | | | |
| CORE | 1/8" x 1/8" | PRIMARY V.A. | | | | | |
| MOUNTING | B | | | | | | |



DESIGNED BY *gsw*

DATE 4/20/37

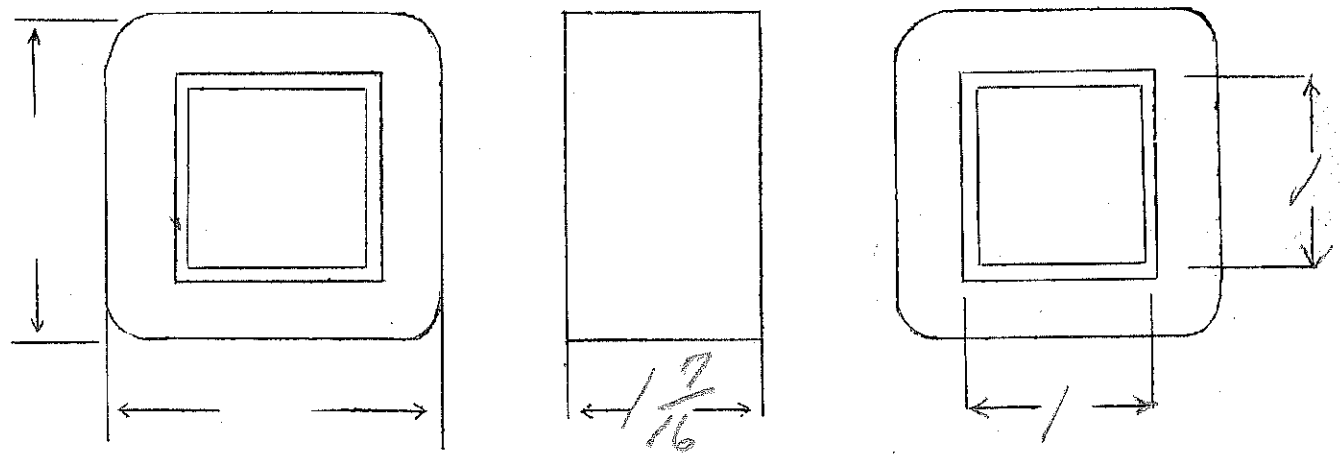
EP-110-220
 EF-5V-2amp
 EF-5V-3amp
 EF-5V-3amp

VA-40
 555

SPEC. NO. 3276

| Winding | PRI | F ₁ | F ₂ | F ₃ | | | |
|--------------|-------------------|-------------------|-------------------|----------------|--|--|--|
| Turns | 664 | 31 | 31 | 31 | | | |
| Taps | 603 | - | - | - | | | |
| Wind. Lgth. | 1.25 | 1.25 | ✓ | ✓ | | | |
| Wire Size | #26 | #20 | #18 | #18 | | | |
| T.P.L. | 67-10 | | | | | | |
| Kind Term. | #20 2 on Pri | wire only | | | | | |
| Term. Lgth. | 9" | 9" | ✓ | ✓ | | | |
| Layer Insul. | 40# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 1L007W 1L0056A | 1L007W 1L0056A | 1L007W 1L0056A | 3L0056A | | | |

| | | | |
|----------|------|--------------|---------|
| TUBE | 7007 | IMPREGNATION | Varnish |
| CORE | 1X1 | PRIMARY V.A. | |
| MOUNTING | A | | |



DESIGNED BY *Geo*

DATE *4/20/37*

Ep - 120V 25N
 Es - 2000V 18ma

(test 8 ma on 60N)

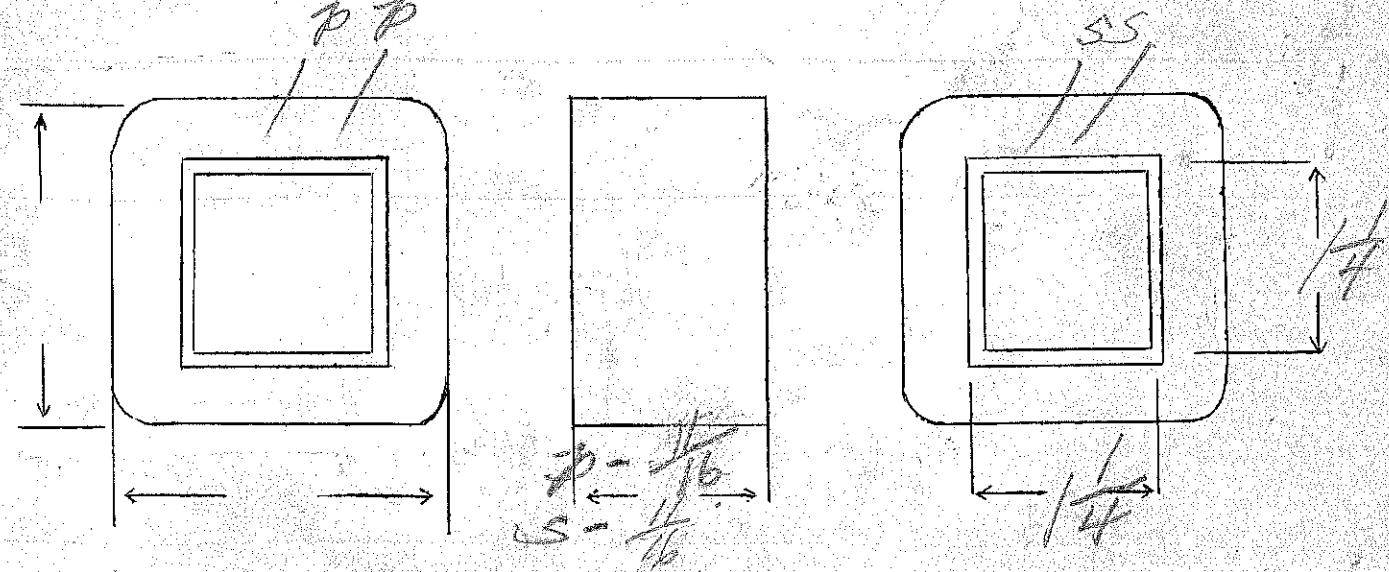
6.5 SPEC. NO. 3277-25N

| | | | | | | |
|--------------|-----------|--|---------------|--|-----------------|--|
| Winding | PRI | | SEC | | | |
| Turns | 780 | | 14500 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 9/16 | | 1/2" | | | |
| Wire Size | #25 | | #40 | | | |
| T.P.L. | 27-29 | | 130-115 | | | |
| Kind Term. | WIRE ONLY | | SILBR | | heavy finishing | |
| Term. Lgth. | 3" | | 3" | | with mica | |
| Layer Insul. | 50# | | double 1A# | | | |
| Test Volt. | | | | | | |
| Wrapper | 2L0076A | | 2L0076A | | | |

TUBE 71007 (+1200V on sec only) IMPREGNATION VARNISH-9
 CORE 1/4" x 1/4" - magnetic gap to 8 ma - 60N PRIMARY V.A.

MOUNTING C - on special plate - spiral first and last layer sec

P & S are separate coils



DESIGNED BY *SW*

DATE 7/6/37

Ep-230

E5-1800V-18 ma

5.44

SPEC. NO. 3277-230V

Separate coils

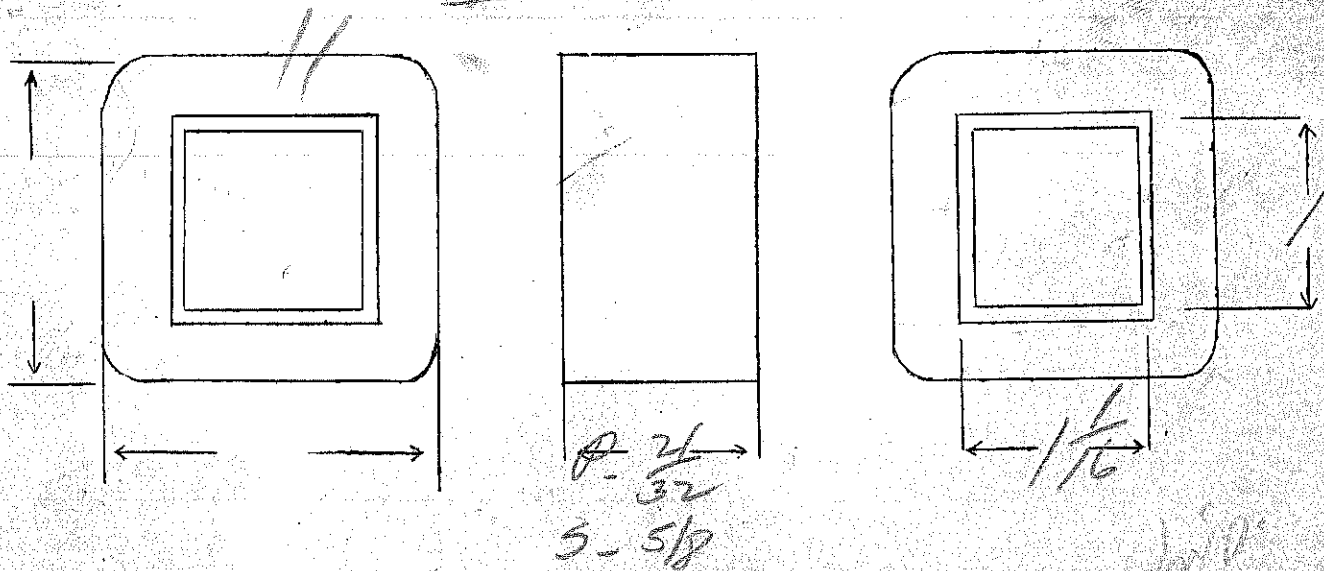
| | | | | | | | |
|--------------|---------|---|-----------|---------------|---------------------------|--------|--|
| Winding | PR1 | | VC SEC | | | | |
| Turns | 1250 | } | 11000 | | | | |
| Taps | — | | | | | | |
| Wind. Lgth. | 7/16 | | | 13/32 | | | |
| Wire Size | #29 | | | #40 | | | |
| T.P.L. | 33-38 | | | 121-92 | | | |
| Kind Term. | sil br | | | sil br | | | |
| Term. Lgth. | 3" | | | 3" | Heavy finishing over mica | | |
| Layer Insul. | 40# | | | double 14# | | | |
| Test Volt. | | | 3500V | | | | |
| Wrapper | 2L005GA | | 2L005GA | | | Double | |

TUBE 7L007 + 1000 VAC on sec. IMPREGNATION Varnish

CORE 1/16 x 1 - Keepers - 1x1 PRIMARY V.A. inc. laminated

MOUNTING C-on special plate - parallel for p+s

approx 22 shunts each side
Cover coils with end papers of #29 gauge
adjust shunts to 18 ma sec.



DESIGNED BY Gw

DATE 4/18/32

$E_p = 220$ or 230

$E_s = 1800 - 18 \text{ ma}$

Separate coils

SPEC. NO. 3277 - 50 W

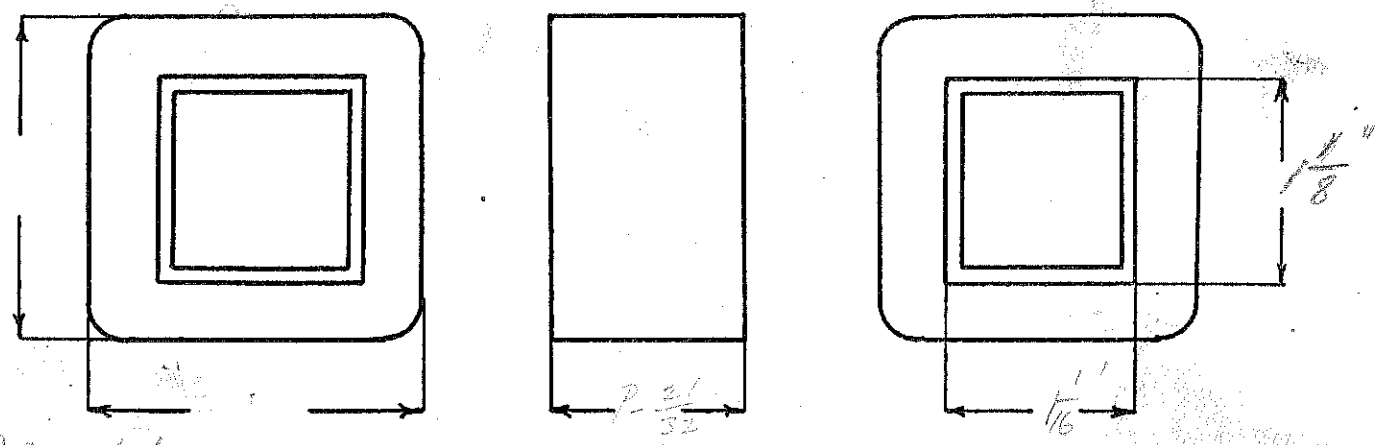
| | | | | | | |
|--------------|-----------------|-------------------------------|---------------------------|--|--|--|
| Winding | Pri | VC Sec | | | | |
| Turns | 1250 | 11,000 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 7/16 | 17/32 | | | | |
| Wire Size | * 29 | * 40 | | | | |
| T. P. L. | 33-38 | 106-104 121-117 | | | | |
| Finish | | | | | | |
| Type Lead | 511-Br | 511-Br | | | | |
| Lead Lgth. | 3" | 3" | Heavy finishing over mica | | | |
| Layer Insul. | 40 ⁷ | double 10 ⁷ | | | | |
| Test Volt. | | 3500 | | | | |
| Wrapper | 2L0056A | 2L0056A | | | | |

TUBE 7L007 + 1L007 VC IMPREGNATION Double Varnish

CORE 1 1/16 x 1 1/8 Keepers 1x1 GRADE GRADE STACK 10% 10MIN 1000'S

MOUNTING C on special plate - panels for P45 Approx 15 Shimtrea

cover coils with end papers side of 29 gauge
adjust shunts to 18 ma sec.



DESIGNED BY MKD

DATE 9/17/40

Ep - 120
 Es - 1800 V. - 18 MA.

$\frac{N}{T} = 522$

SPEC. NO. 5277

| | | | | | |
|--------------|----------|--|------------------------------------|--|--|
| Winding | PRI | | SEC | | |
| Turns | 625 | | 11,000 | | |
| Taps | - | | | | |
| Wind. Lgth. | 7/16 | | 15/32 | | |
| Wire Size | #26 | | #40 | | |
| T. P. L. | 24-27 | | 121-92 | | |
| Finish | | | | | |
| Type Lead | 511. Br. | | 511. Br. | | |
| Lead Lgth. | 3" | | 3" - - - Heavy finishing with mica | | |
| Layer Insul. | 50# | | Double 14# | | |
| Test Volt. | | | 3500 V. | | |
| Wrapper | 2L,005GA | | 2L,005GA | | |

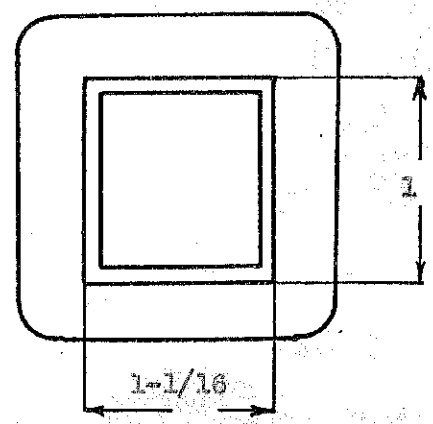
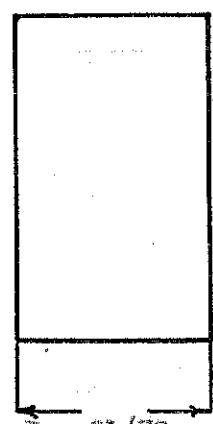
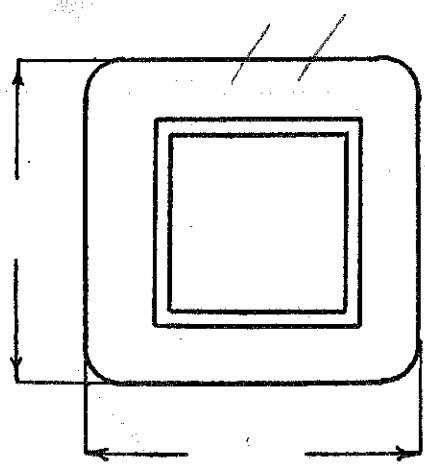
TUBE 7L,007 (+ 1L,007VC sec only) IMPREGNATION VARNISH - Dip lamination

CORE 1-1/16 x 1 GA. GRADE STACK 1 x 1
 Keepers only 0

MOUNTING C - on special plate - panels pri & sec *mounted on shield*

Cover coils with end papers

*Mount trans under plate
 shell cover on top*

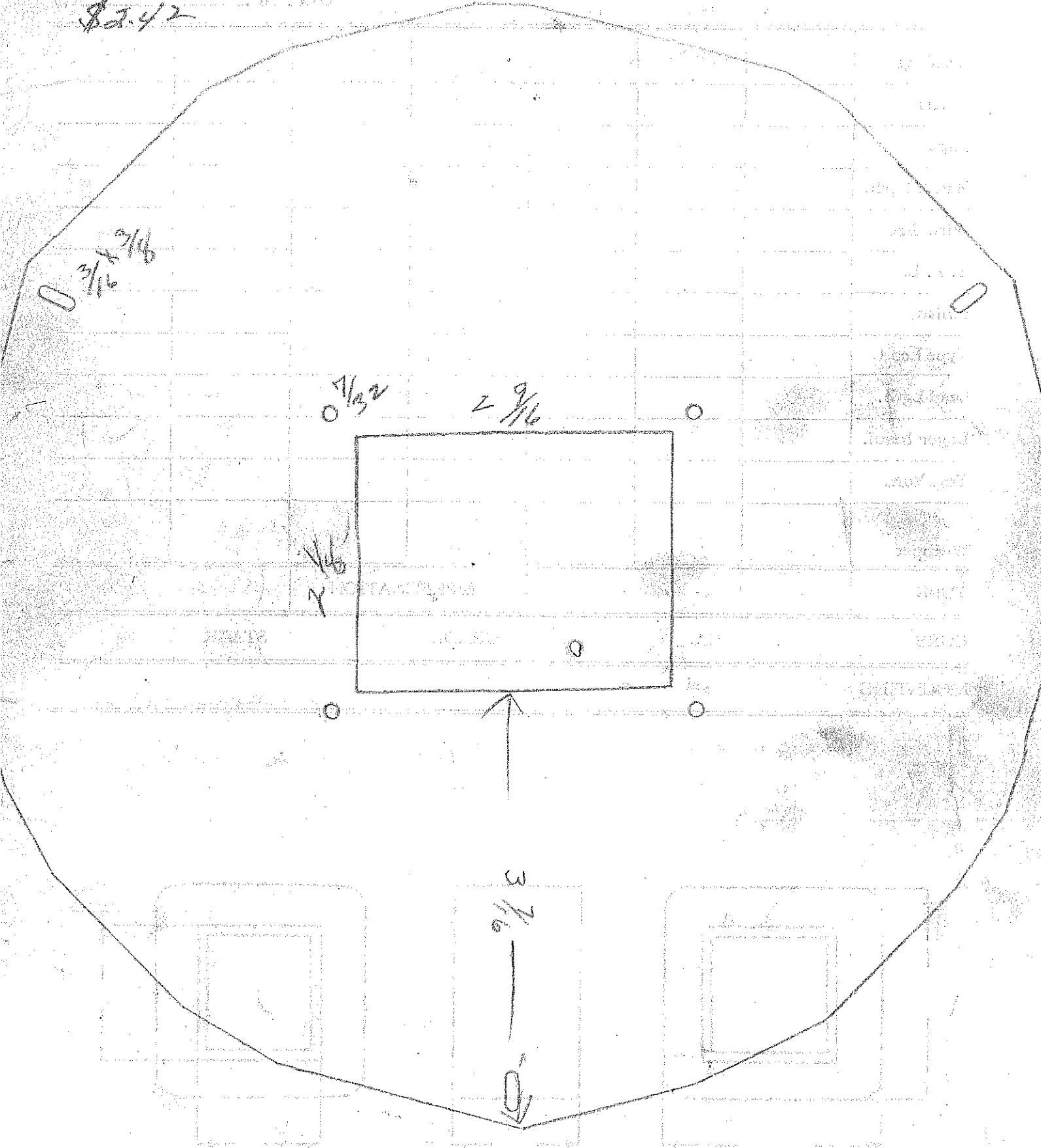


P - 21/32
 S - 5/8 (-)

DESIGNED BY GW

DATE 5/3/37

Fig. 42



Ep - 115-130-147-168-190

Es - 3000VCT. 350 Ma

133

SPEC. NO. 3278

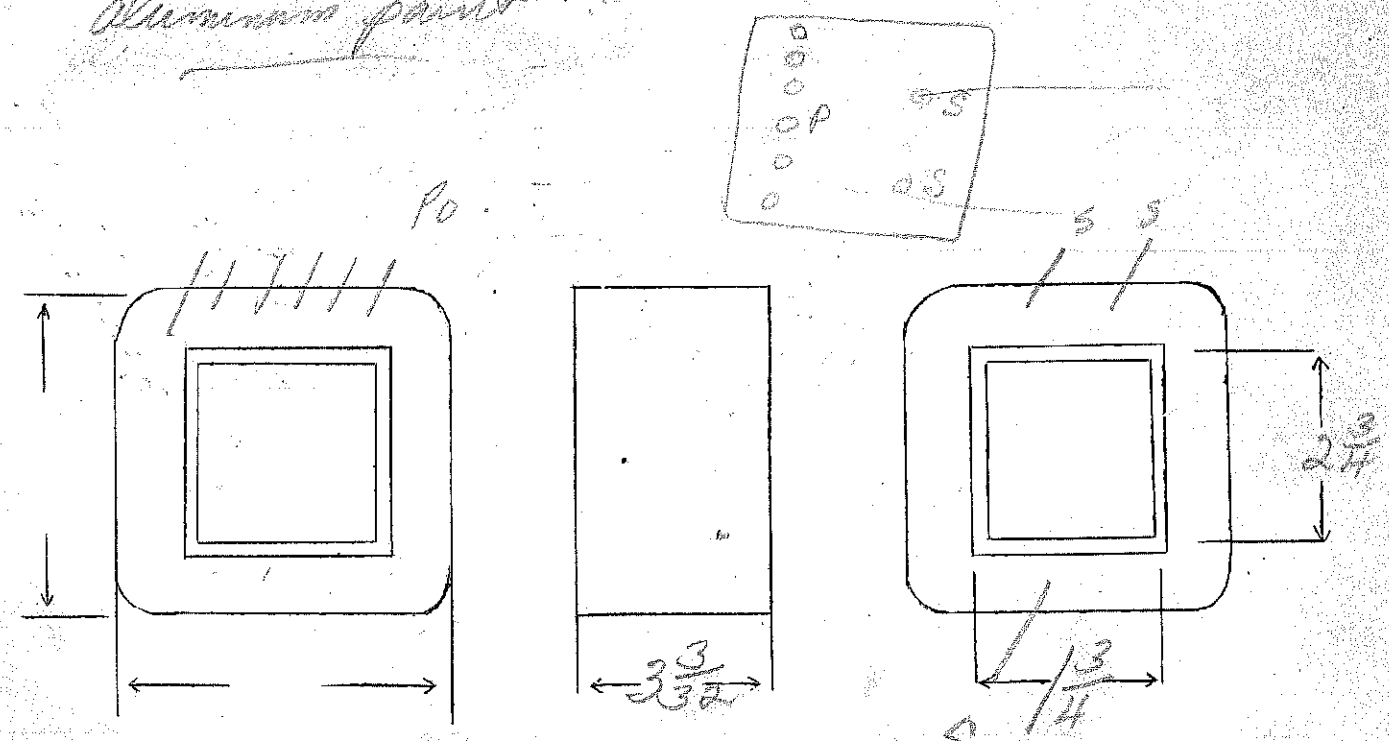
| | | | | | | | |
|--------------|------------------|------------|-----|------------------|--------------------------------|--|--|
| Winding | SEC | PRI | | | | | |
| Turns | 4300 | 153 | 42 | 57 | | | |
| Taps | 2150 | | 20 | 28 | | | |
| Wind. Lgth. | 29/16 | 25/8 | | | | | |
| Wire Size | #27 | #14 | #17 | #19 | | | |
| T.P.L. | 154-28 | | | | | | |
| Kind Term. | W.O. | WIRE ONLY | | | | | |
| Term. Lgth. | 3" | 4" | 4" | 4" | | | |
| Layer Insul. | double 40# | .007 Kraft | | | 6" #14 motor lead out panel | | |
| Test Volt. | 5000 | 2500 | | | | | |
| Wrapper | 2000V 31005EA | | | 2000V 11010PP | | | |

TUBE 9L007+11007V IMPREGNATION Varnish

CORE 1 3/4 x 2 3/4 PRIMARY V.A.

MOUNTING C - Aluminum shell - bakelite top - Sup. of shell

Aluminum paint



DESIGNED BY DW

DATE 5/11/37

507 (leg)

10 watt chime

Ep- 120 volts

ES- 24V - 1/2 amp

SPEC. NO.

3279

FURNACE

80

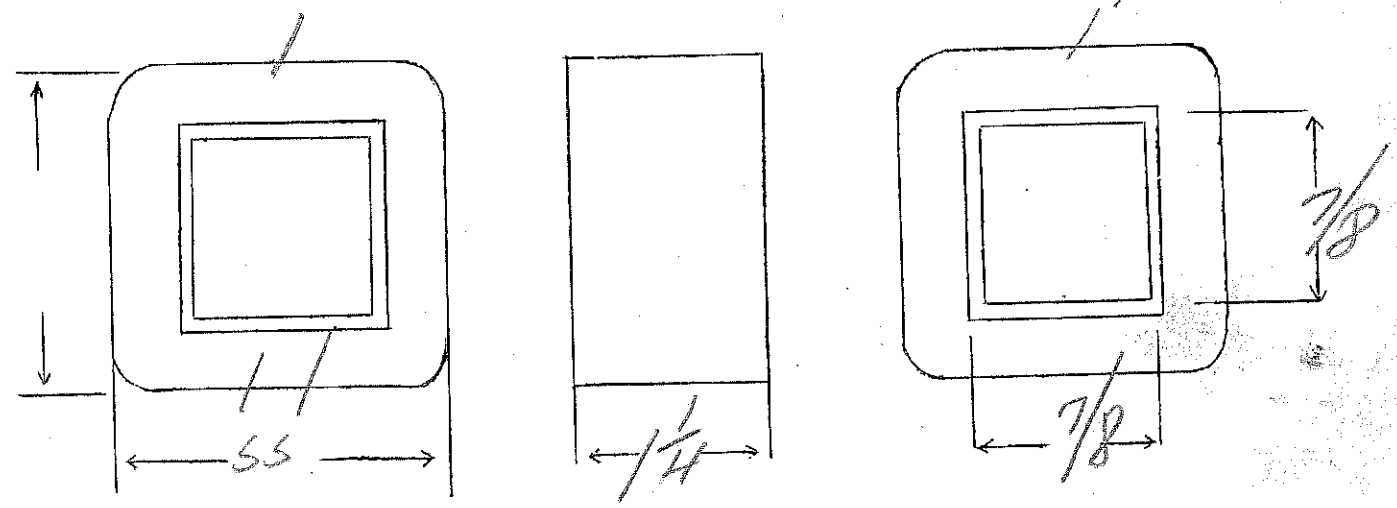
| | | | | | | |
|--------------|---------|---------|--|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 960 | 220 | | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1/16 | 1/16 | | | | |
| Wire Size | #30 | #26 | | | | |
| T.P.L. | 88-11 | 55-4 | | | | |
| Kind Term. | WIRE | ONLY | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | 1250 | | | | | |
| Wrapper | 12007VC | 26005GA | | | | |

| | | | |
|----------|------------------------------|--------------|---------|
| TUBE | 7407 | IMPREGNATION | Varnish |
| CORE | 7/8 x 7/8 - 2x2 stud 24/64 | PRIMARY V.A. | |
| MOUNTING | S - panel at single winding. | | |

Pri - one black lead, one white lead, - 12" #14 motor cable

stamp pri - 120V - 50 - 133 W

stamp sec - 24V - 10VA



DESIGNED BY

Wolaver

DATE

5/5/37

25 watt Chime -

EP-120V
E3-8-16-24V - 1 amp

$\frac{N}{E} = 0.35$

SPEC. NO. 3280

| | | | | | | |
|--------------|--------|--------|-----------------------------|-------------------|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 760 | 173 | | | | |
| Taps | | 115 | | | | |
| Wind. Lgth. | 1 7/16 | 1 7/16 | | Finish of Sec is | | |
| Wire Size | #29 | #23 | | Electrical Start. | | |
| T.P.L. | 80-10 | 40-5 | | | | |
| Kind Term. | WIRE | ONLY | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 40# | 50# | 2 layers above + below core | | | |
| Test Volt. | 1250 | | | | | |
| Wrapper | 2005GA | 2005GA | | | | |

| | | | |
|------|--------------|--------------|---------|
| TUBE | 7L007 | IMPREGNATION | Varnish |
| CORE | 7/8 x 1 1/16 | PRIMARY V.A. | |

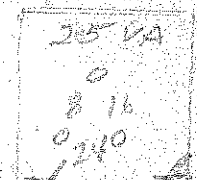
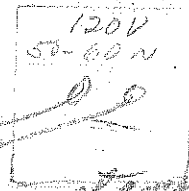
MOUNTING 5" - panel at single window

Pri - one black, one white lead - #14 motor cable - 18" long

Sec - three spiced leads

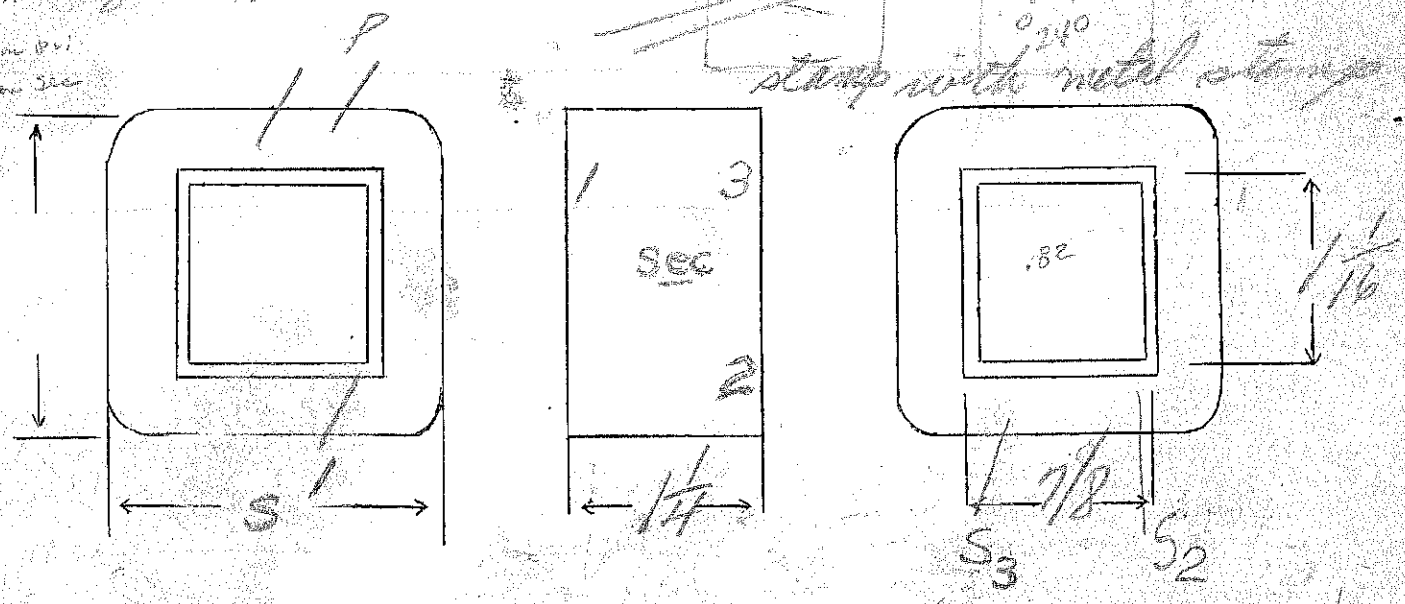
Pri VA = 34.5
= .34

3" #18 motor cable



stamp with metal stamp

423 CW 4000 Pri
510 CW 4000 Sec



DESIGNED BY *GW*

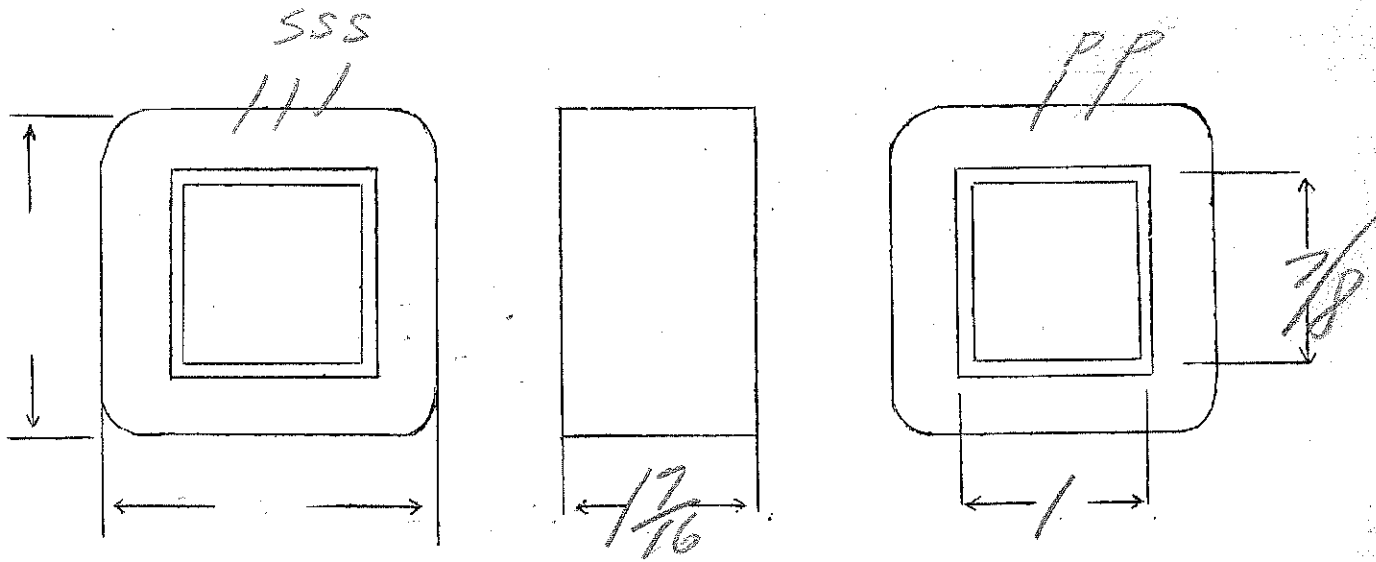
DATE 5/5/37

Ep - 120
 Es - 610 (open)
 Ef1 - 5.8V (open)

Ef2 - 7.16 - 6.3 (open)
 5.9

SPEC. NO. 3281

| | | | | | | | |
|--------------|-------------|---------|------------|--------------|------------|---------|--|
| Winding | SEC | SHIELD | DR1 | F1 | F2 | | |
| Turns | 3640 | 72 | 710 | 34 | 42 | | |
| Taps | 1820 | | | | 37 | | |
| Wind. Lgth. | 1.25 | ✓ | ✓ | ✓ | ✓ | | |
| Wire Size | #37 | #27 | #27 | #20 | double #24 | | |
| T.P.L. | 278-16 | — | 72-10 | | | | |
| Kind Term. | #20 per lb | W.O. | #20 per lb | WIRES ONLY | | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 40# | | 1005 | | |
| Test Volt. | | | | | | | |
| Wrapper | 14007VC | 14007VC | 21005BA | 21005BA | 21005BA | | |
| TUBE | 54007 | | | IMPREGNATION | | Varnish | |
| CORE | 1/8" dia | | | PRIMARY V.A. | | | |
| MOUNTING | A - Cadmium | | | | | | |



DESIGNED BY *JW*

DATE *5/7/37*

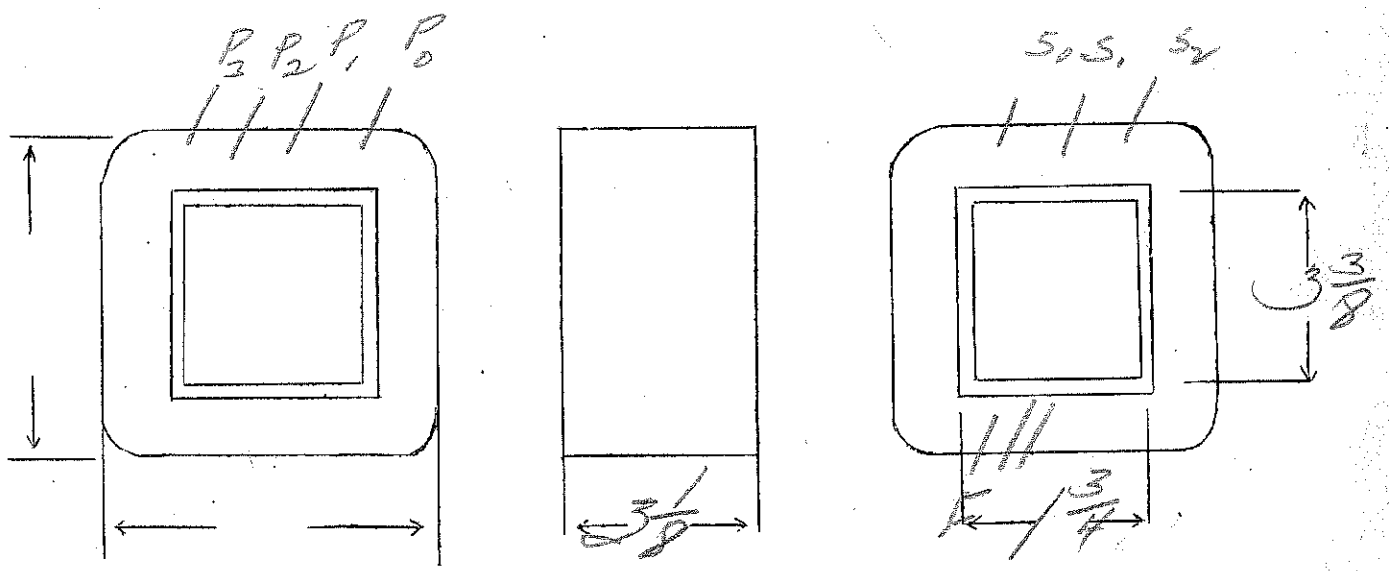
Ep - 110-115-120
 Es - 2700V - 1800V - 250mA
 Et - 10.5V - 6.5 amperes

SPEC. NO. 3282

| Winding | SEC | PRI | FIL | | | | |
|--------------|-------------------------------|-------------------------------|--------------------|--|--|--|--|
| Turns | 3120 | 128 | 12 | | | | |
| Taps | 2080 | 122417 | 6 | | | | |
| Wind. Lgth. | 2 ¹ / ₂ | 2 ¹ / ₂ | | | | | |
| Wire Size | #27 | #12 | #14 | | | | |
| T.P.L. | 149-21 | 5L | | | | | |
| Kind Term. | WIRE | ONLY | | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | | |
| Layer Insul. | double 40# | 007KV | | | | | |
| Test Volt. | 5000 | 1250 | 1250 | | | | |
| Wrapper | 2L007VC 3L005GA | 3L005GA | 2L005GA 1L010RR | | | | |

TUBE | 10L007+1L007VC | IMPREGNATION | Varnish
 CORE | 1³/₄ x 3³/₈ | PRIMARY V.A. |

MOUNTING | unbraced - two heavy frames with angles for mounting
 Pri to legs, sec to bakelite strip



DESIGNED BY *AW*

DATE *5/11/37*

Exp. 115 - 230 V series or parallel

ES - 2900V - 1800V - 250 ma

EF - 10.5V CT - 6.5 amps

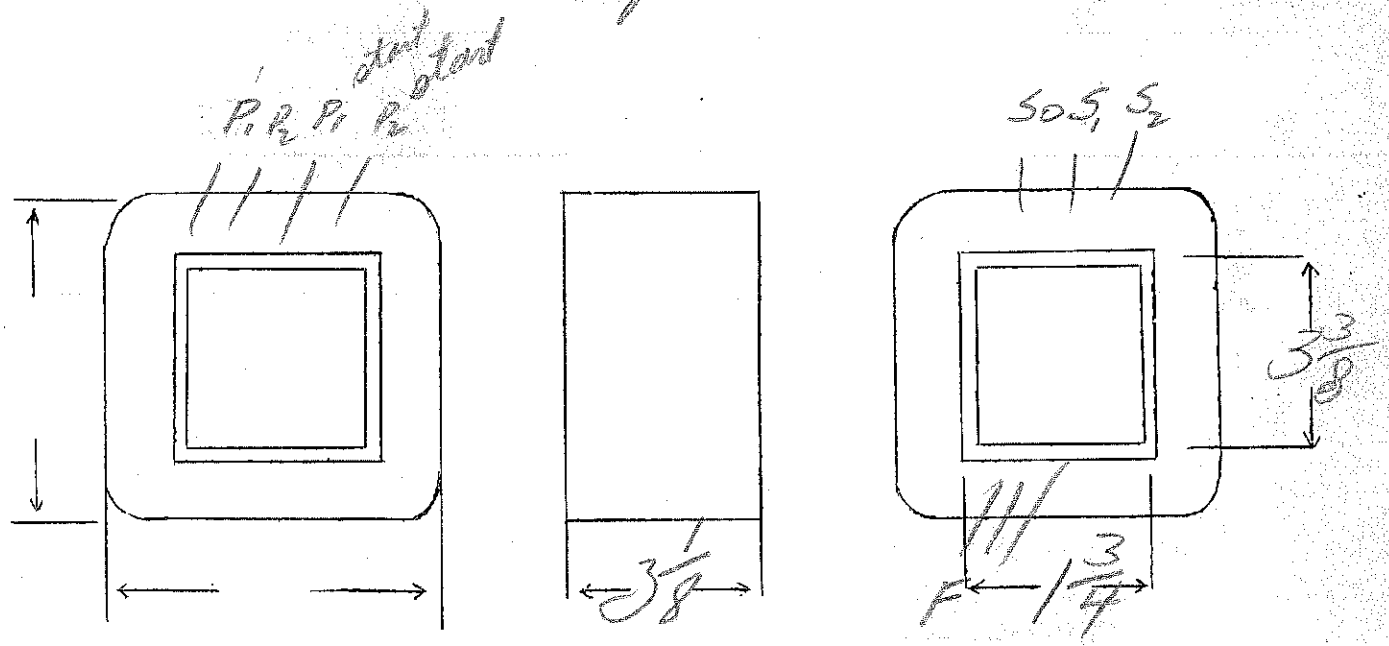
SPEC. NO. 3283

| | | | | | | |
|--------------|-------------------|----------------|----------------|-------------------|--|--|
| Winding | S | P ₁ | P ₂ | F | | |
| Turns | 3400 | 122 | 122 | 12 | | |
| Taps | 2070 | | | 6 | | |
| Wind. Lgth. | 2½ | 2½ | 2½ | | | |
| Wire Size | #27 | #15 | #15 | #14 | | |
| T.P.L. | 148-23 | 7L | | | | |
| Kind Term. | WIRE | ONLY | | | | |
| Term. Lgth. | 3" | 3" | 3" | | | |
| Layer Insul. | double 70# | 107K | | | | |
| Test Volt. | 7500 | | | | | |
| Wrapper | 3L107K 2L105GA | 3L105GA | 3L105GA | 2L105GA 1L107K | | |

TUBE 101007+11007K IMPREGNATION Varnish
 CORE 1/34 x 3 7/8 PRIMARY V.A.

MOUNTING uncast - two horiz. frames - angle iron

Pri to lugs - sects bakelite strip



DESIGNED BY JW

DATE 5/13/37

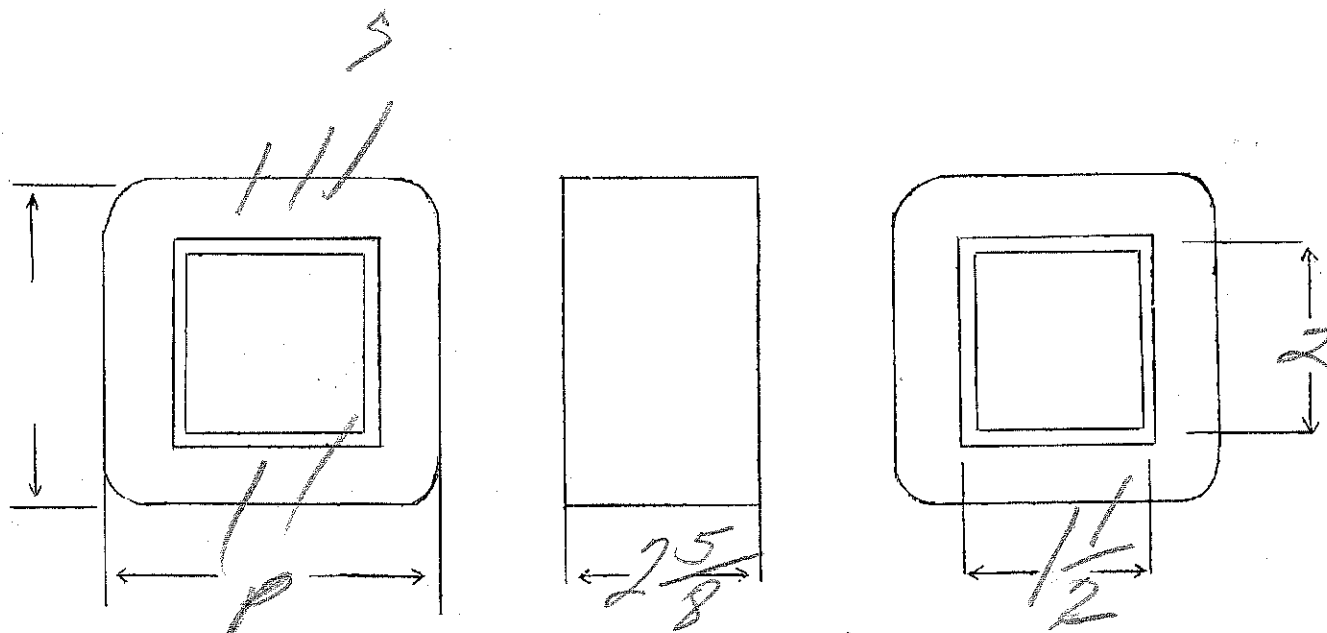
Ep-120V
ES-2000VOT-250mA

VA-950

SPEC. NO.

3284

| | | | | | | |
|--------------|---------------------|-----------------|--------------|---------|--|--|
| Winding | SEC | PR1 | | | | |
| Turns | 4200 | 230 | | | | |
| Taps | 2100 | | | | | |
| Wind. Lgth. | 27 | 2 $\frac{3}{8}$ | | | | |
| Wire Size | #28 | #19 | | | | |
| T.P.L. | 152-28 | | | | | |
| Kind Term. | WIRE ONLY | | | | | |
| Term. Lgth. | 4 $\frac{1}{2}$ | 4" | | | | |
| Layer Insul. | double | | | | | |
| | 30# | | | | | |
| Test Volt. | 5000 | | | | | |
| Wrapper | 91007V | 360056A | | | | |
| | 210056A | | | | | |
| TUBE | 10L007F 20007VC | | IMPREGNATION | Varnish | | |
| CORE | 1 $\frac{1}{2}$ X 2 | | PRIMARY V.A. | | | |
| MOUNTING | F | | | | | |



DESIGNED BY

gw

DATE

5/7/37

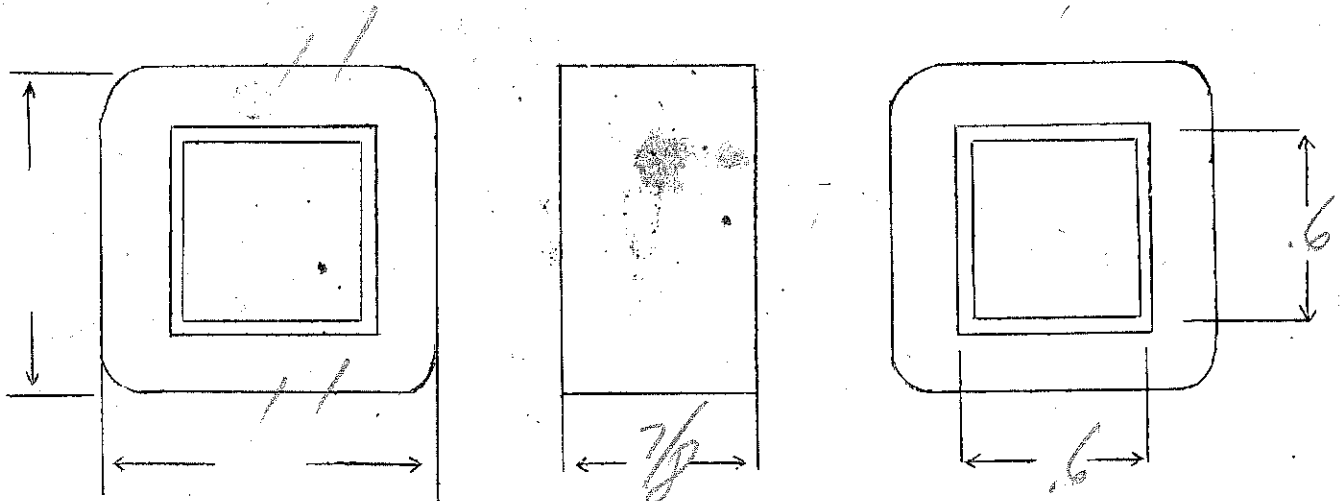
Ep - 75V - 12.5 ma
 Es - 6.3V - 150 ma

24

SPEC. NO. 3285

| | | | | | | | |
|--------------|-----------|---------|--|--|--|--|--|
| Winding | P | S | | | | | |
| Turns | 1800 | 200 | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 3/4 | ✓ | | | | | |
| Wire Size | #38 | #28 | | | | | |
| T.P.L. | 156 | 50-3 | | | | | |
| Kind Term. | sil brand | | | | | | |
| Term. Lgth. | 3" | 3" | | | | | |
| Layer Insul. | 20# | 30# | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 260056A | 260056A | | | | | |

| | | | |
|----------|--------------------|--------------|-----------|
| TUBE | 76007 | IMPREGNATION | varnished |
| CORE | 6x6 - 2x2 stack | PRIMARY V.A. | |
| MOUNTING | D - Paulson ballon | | |



DESIGNED BY *SW*

DATE *5/7/37*

Ep-12VCT vibrator source - 100

Es - 800V.C.T. - 200 ma

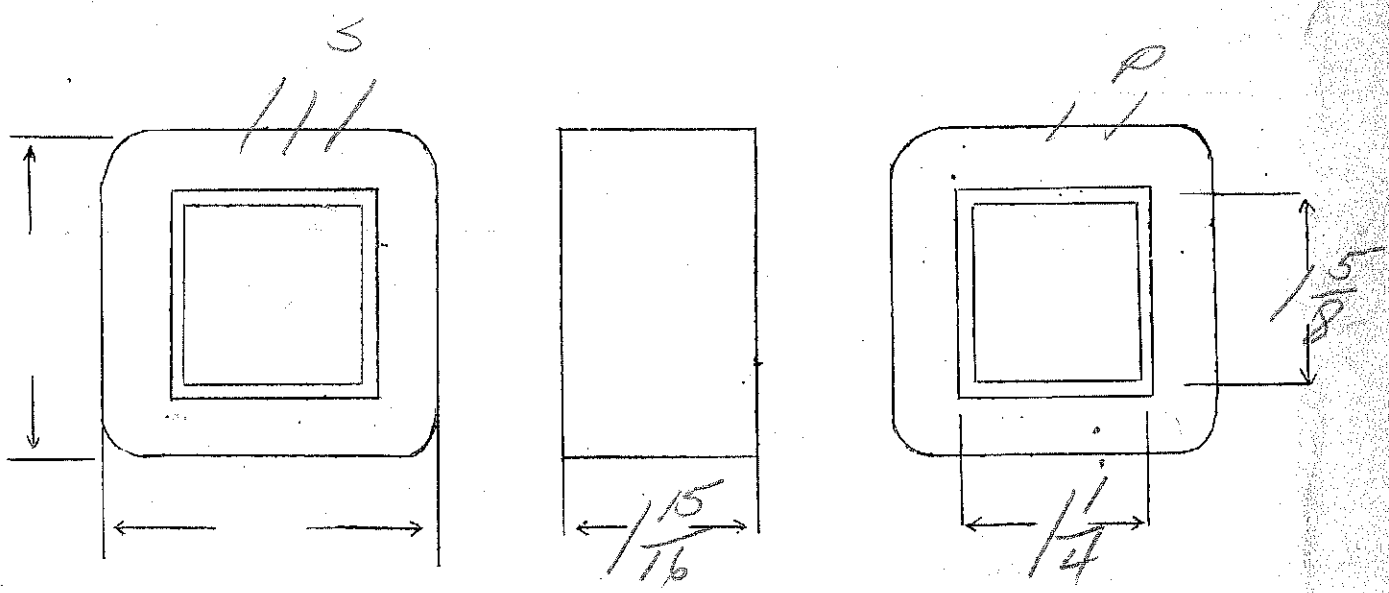
283

SPEC. NO. 3286

| | | | | | | |
|--------------|--------------------|---------|--|--|--|--|
| Winding | SEC | PRI | | | | |
| Turns | 3000 | 34 | | | | |
| Taps | 1500 | 17 | | | | |
| Wind. Lgth. | 1 1/16 | | | | | |
| Wire Size | #29 | #11 | | | | |
| T.P.L. | 127-24 | 26 | | | | |
| Kind Term. | #20 #12 | W.O | | | | |
| Term. Lgth. | 9" | 9" | | | | |
| Layer Insul. | double 20 # | | | | | |
| Test Volt. | 3500 | | | | | |
| Wrapper | 21007VC 110105A | 21005EA | | | | |

| | | | |
|----------|---------------|--------------|---------|
| TUBE | 71007+11007VC | IMPREGNATION | Varnish |
| CORE | 1/4 x 1 5/8 | PRIMARY V.A. | |
| MOUNTING | A | | |

Insulate for 2000V in finishing



DESIGNED BY *EW*

DATE 5/12/37

25 Watt Chime - Special lead spec.

Ep - 120V
Es - 8, 16, 24 VOH

Harmony Mfg. Co
(Pryne & Company)

O.W. DALBY

n/e - 6.35

SPEC. NO. 3287

| | | | | | | |
|--------------|-----------|---------------------------|----------------------|----------------------------|--|--|
| Winding | Pri | Sec | | | | |
| Turns | 760 | 173 | | | | |
| Taps | | 115 | | | | |
| Wind. Lgth. | 1-1/16 | 1-1/16 | | | | |
| Wire Size | #29 | #23 | Black - 10" - Start | | | |
| T. P. L. | 80-10 | 40-5 | Red - 8" - Tap | | | |
| Finish | | | White - 10" - Finish | | | |
| Type Lead | Wire Only | #16 Pr. Br. | | | | |
| Lead Lgth. | 3" | <i>as specified</i> 3" | | Finish is electrical start | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 3L50# | 2L005GK | | | | |

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

CORE 7/8 x ~~1~~ 1/16 GA. 24 GRADE D STACK 2 x 2

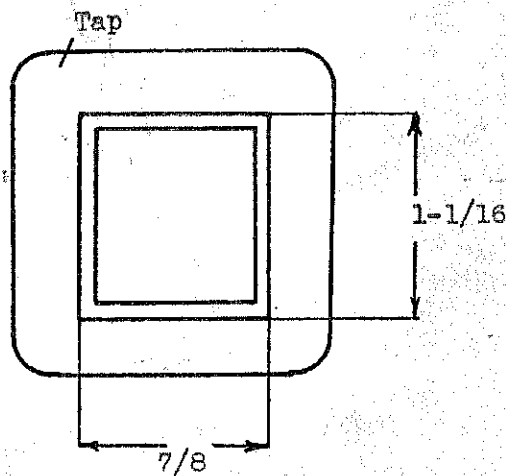
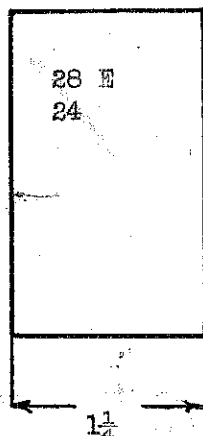
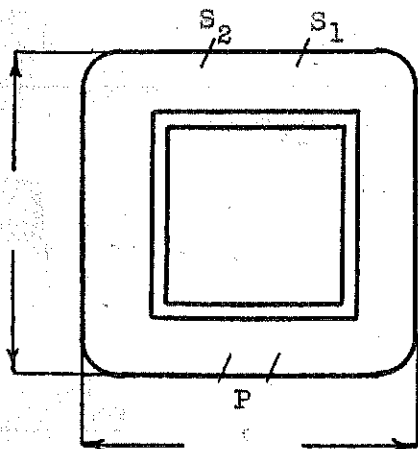
MOUNTING S Panel at winding

Pri - One black, one white - 8" - #14 motor cable
Sec - #16 Par. Br. - 8" long

Stamp in ~~black~~ ink

| | |
|------|------------------|
| Pri | Sec |
| 120V | 0 - white |
| | 8 - red |
| | 24 - Black 25 VA |

Leads outsides



DESIGNED BY GW

DATE

Ep - 115-125

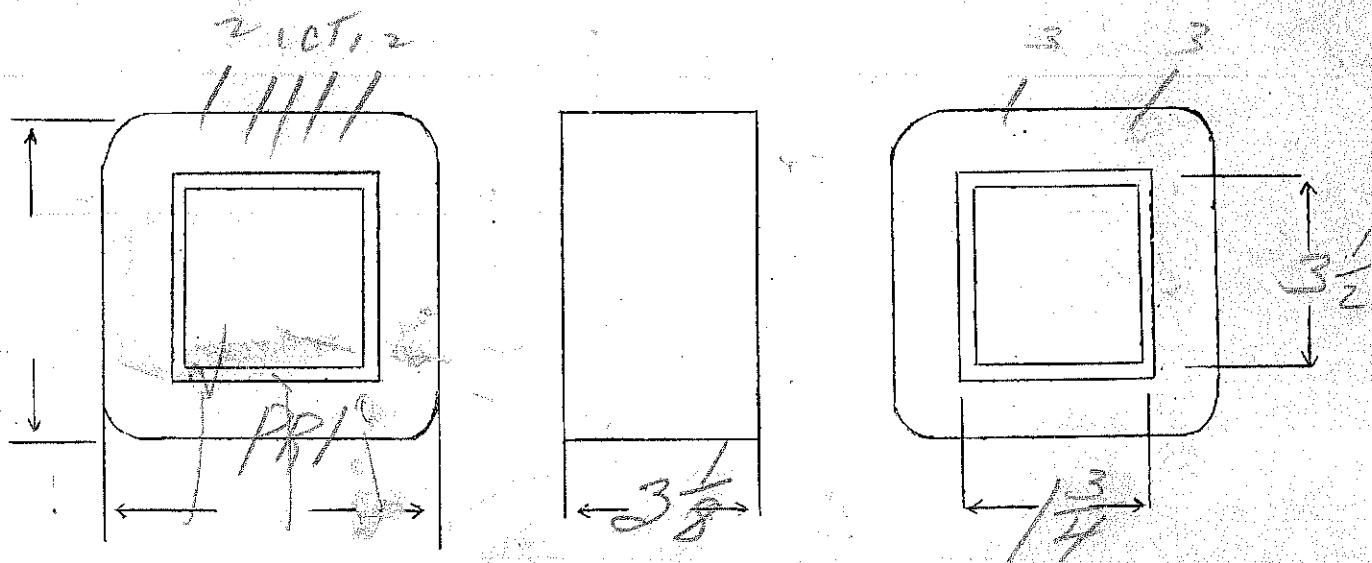
VA = 660

E_s - 3500 - 3000 - 2400V CT - 375 ma

SPEC. NO. 3288

| | | | | | | |
|--------------|---------------------|-------------|--------------|---------|--|--|
| Winding | SEC | | PR1 | | | |
| Turns | 3780 3510 | 1890 530 | 125 | | | |
| Taps | 3240 | 270 | 115 | | | |
| Wind. Lgth. | 2 1/2 | | | | | |
| Wire Size | #26 | | #13 | | | |
| T.P.L. | 135 | | 4L | | | |
| Kind Term. | WIREF ONLY | | | | | |
| Term. Lgth. | 4" | | 4" | | | |
| Layer Insul. | double 30# | | 007 Kraft | | | |
| Test Volt. | 7500 | | 1250 | | | |
| Wrapper | 3500 7K 2600 5GB | | 3600 5GB | | | |
| TUBE | 10L007 + 1007K | | IMPREGNATION | Varnish | | |
| CORE | 1 3/4 x 3 1/2 | | PRIMARY V.A. | | | |
| MOUNTING | G | | | | | |

start lead in coil - out opposite side from start of winding



DESIGNED BY

D. W. Sawyer

DATE

5/14/37

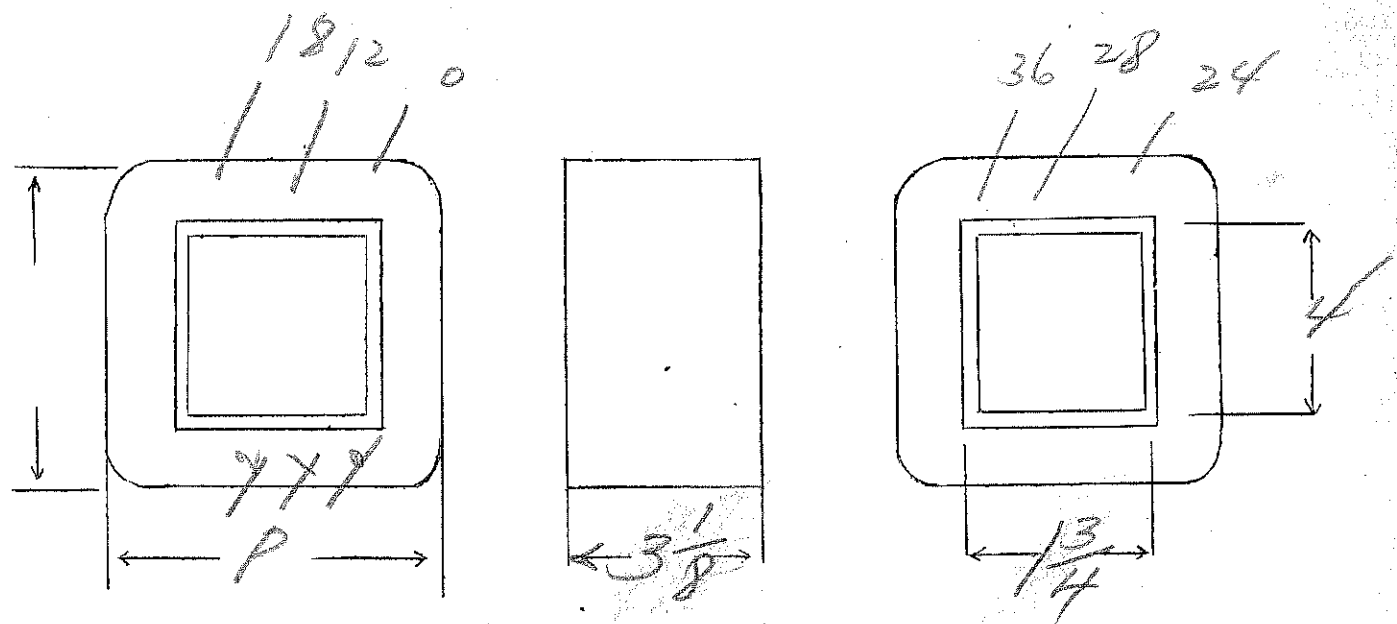
Ep - 110-120V
 E3 - 12-18-24-28-36 V - 600VA all taps

Seco. Wdg. (Continued) SPEC. NO. 3289

| | | | | | | |
|--------------|-------------------------------|----------------------|------|---------------------|--------------------------|--|
| Winding | PRI | | | | | |
| Turns | 120 | 13 | 17 | 13 | | |
| Taps | 110 | | 13-6 | | | |
| Wind. Lgth. | 2 ³ / ₄ | | | | | |
| Wire Size | #12 | 3 strands double #10 | #10 | #10 | | |
| T.P.L. | 4L | | | | | |
| Kind Term. | WIPE ONLY | | | | | |
| Term. Lgth. | copper lug tips | | | | | |
| Layer Insul. | .007 Kraft | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 210075A | | | 210075B 120 10RR | - don't substitute Kraft | |

TUBE 106007 IMPREGNATION Varnish
 CORE 1 3/4 x 4 PRIMARY V.A.
 MOUNTING open - channel iron & aluminum frames

1503



DESIGNED BY *gw*

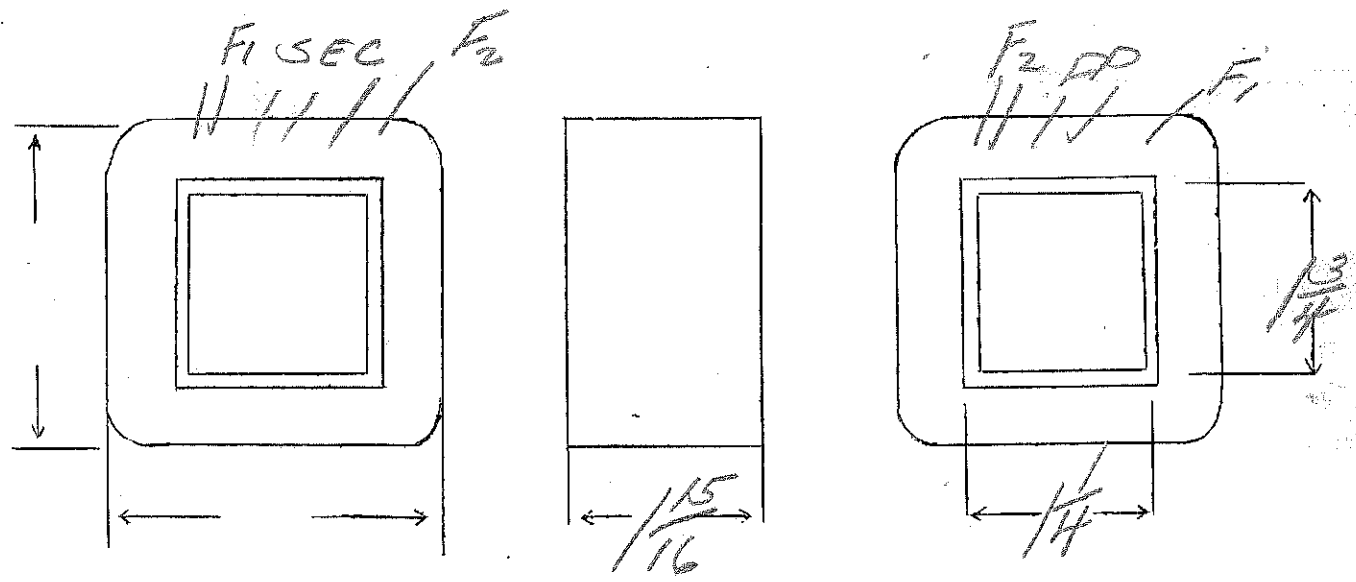
DATE 5/15/37

Ep - 250 - 40W
 Es - 700VCT - 150mA

Ef1 - 5VCT - 3amp
 Ef2 - 5VCT - 3amp

SPEC. NO. 3290

| | | | | | | | |
|--------------|---------------|--------|--------------|----------------------|---------------------|--|--|
| Winding | SEC | SHIELD | PRI | F ₂ | F ₁ | | |
| Turns | 2460 | 160 | 800 | 22 ^{white} | 18 ^{green} | | |
| Taps | 1230 | | | 11 ^{yellow} | 9 | | |
| Wind. Lgth. | 1.75 | 1.75 | 1.75 | | | | |
| Wire Size | #31 | #31 | #25 | #17 | #17 | | |
| T.P.L. | 160-16 | | 80-10 | | | | |
| Kind Term. | #20 Penta | wo. | #20 Penta | #20 Penta | wire only | | |
| Term. Lgth. | 9" | 3" | 9" | 9" | 9" | | |
| Layer Insul. | double 16# | | 50# | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 10007K | 10007C | 20076A | 20076A | 20076A | | |
| TUBE | 7007 | | | IMPREGNATION | Double Varnish | | |
| CORE | 1/4 x 1/4 | | | PRIMARY V.A. | | | |
| MOUNTING | A | | | | | | |

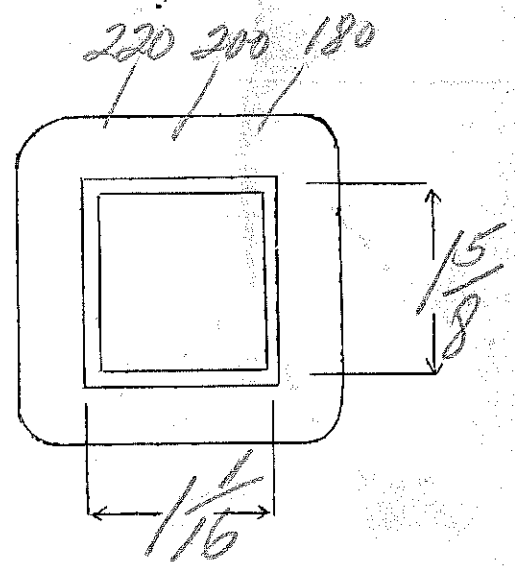
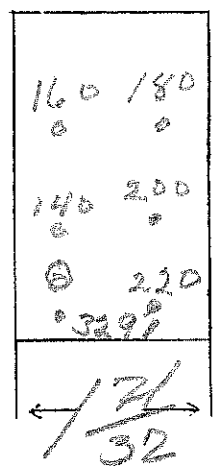
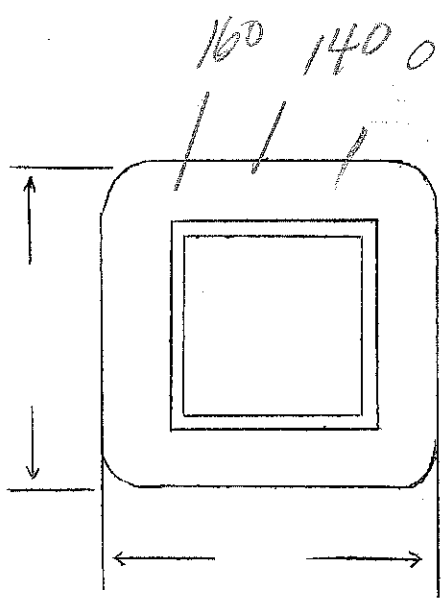


DESIGNED BY Grewer DATE 5/13/37

- 220
- 200
- 180
- 160
- 140
- 0

150 watt capacity for use on a
 3φ - 300 watt circuit for line reduction
 3.6 Delta SPEC. NO. 3291
 Connection

| | | | | | | | |
|--------------|---------------------------------|--------------|--|--|---------|--|--|
| Winding | PRI | | | | | | |
| Turns | 793-722-650-577-505 | | | | | | |
| Taps | | | | | | | |
| Wind. Lgth. | 1 ¹⁵ / ₃₂ | | | | | | |
| Wire Size | #22 | | | | | | |
| T.P.L. | 51 | | | | | | |
| Kind Term. | WIRE ONLY | | | | | | |
| Term. Lgth. | 4" | | | | | | |
| Layer Insul. | 50# | | | | | | |
| Test Volt. | | | | | | | |
| Wrapper | 9L005GA | | | | | | |
| TUBE | 7100,7 | IMPREGNATION | | | Varnish | | |
| CORE | 1 7/8 x 1 5/8 | PRIMARY V.A. | | | | | |
| MOUNTING | F | | | | | | |



DESIGNED BY *SW*

DATE 5/14/37

Ep - 120V

ES - 24V - 10 watt intermittent

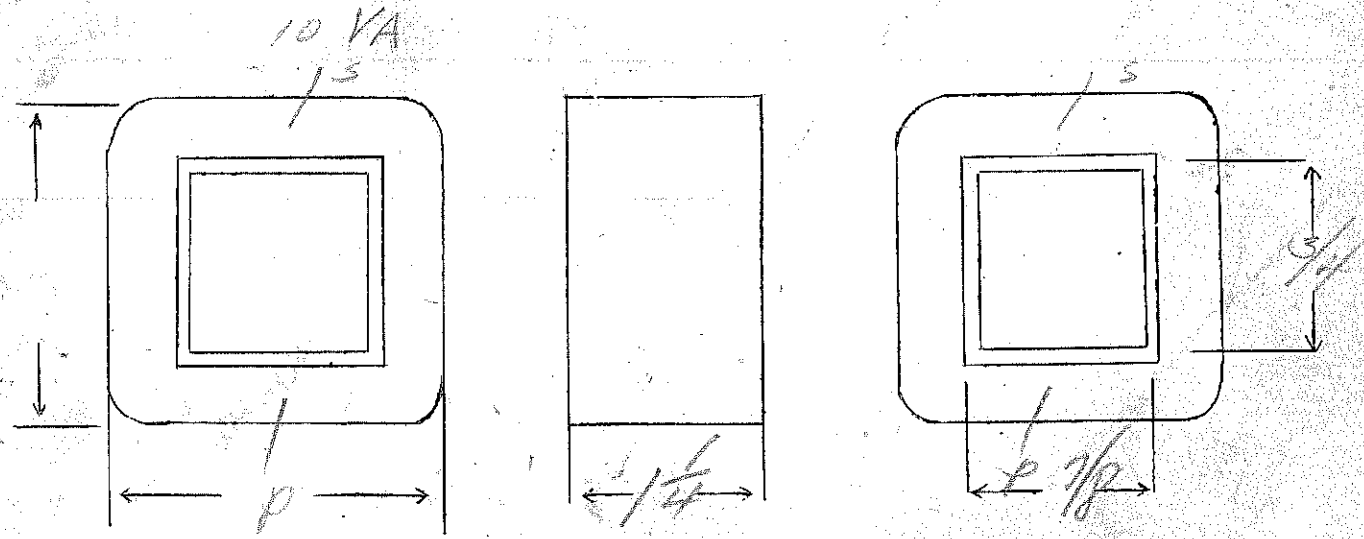
91

SPEC. NO. 3292

| | | | | | | |
|--------------|---------|----------------|-----|--|--|--|
| Winding | PR1 | SEC | | | | |
| Turns | 1090 | 265 | 220 | | | |
| Taps | | | | | | |
| Wind. Lgth. | 1 1/6 | 1 1/6 | | | | |
| Wire Size | #31 | #26 | 27 | | | |
| T.P.L. | 110-11 | 56.5 | | | | |
| Kind Term. | Sil Br | #18 Par Br | | | | |
| Term. Lgth. | 3" | out lead 8" | | | | |
| Layer Insul. | 407 | 507 | | | | |
| Test Volt. | | | | | | |
| Wrapper | 11007VC | 210050A | | | | |

| | | | |
|----------|-----------|--------------|---------|
| TUBE | 6C007 | IMPREGNATION | VARNISH |
| CORE | 7/8 x 3/4 | PRIMARY V.A. | |
| MOUNTING | 5 | | |

8" #14 motor lead wire pri stamp (wh) 115
 6" #18 Par Br lead wire sec - stamp (wh) 24



DESIGNED BY *Dew*

DATE 5/19/37

Ep 120V
 ES-8-16 Same as 319 with #16 Pb tube

56

SPEC. NO. 3293

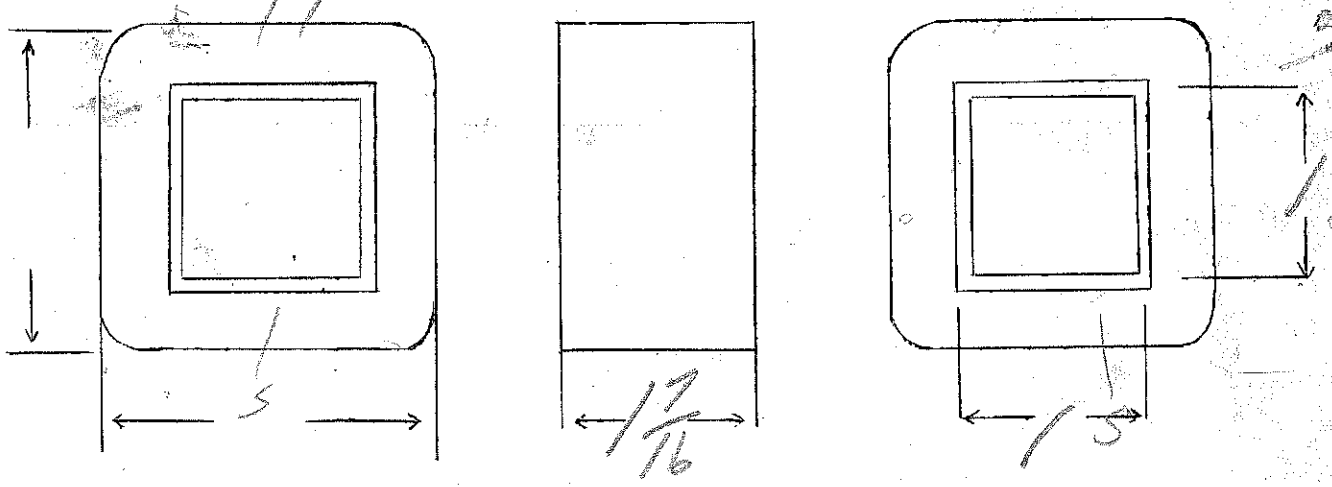
| | | | | | | |
|--------------|---------|---------|-----------|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 670 | 150 | | | | |
| Taps | — | 100 | | | | |
| Wind. Lgth. | 1.25 | 1.25 | | | | |
| Wire Size | #26 | #21 | | | | |
| T.P.L. | 67-10 | 34-5 | Black 10" | | | |
| Kind Term. | WIRE | ONLY | White 10" | | | |
| Term. Lgth. | 3" | 3" | Red 8" | | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | 1250 | | | | | |
| Wrapper | 210056A | 210056A | | | | |

TUBE 54007 IMPREGNATION Varnish
 CORE 1X1NW PRIMARY V.A.

MOUNTING 5-panel of single number

P - one black, one white #14 motor lead - 8" long
 Sec - #16 Pb Bu - 8" long
 (cut white lead 6" long)
 Finish is Electricap Start

stamp in yellow ink
 Primary Secondary
 120V.
 0 - White
 8 - Red 50VA
 24 - Black



DESIGNED BY *JW*

DATE 5/17/37

Ep - 120V Bell-Kinging V
 Es - 8-24V-10Watt V

Same as 4077
 (Leads out Bottom)

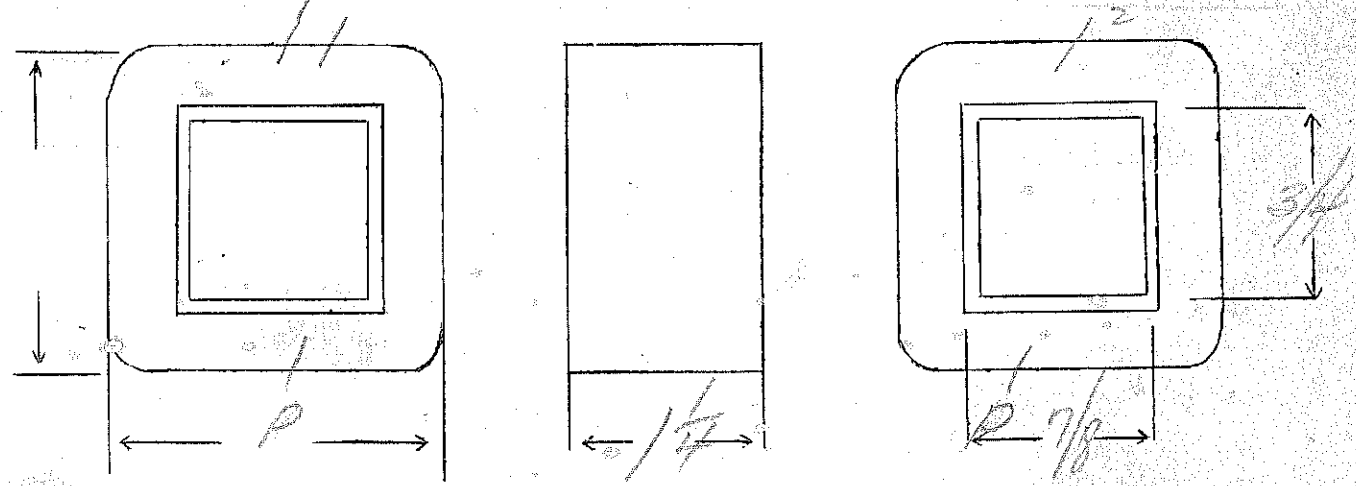
SPEC. NO. 3294

PRYNE + COMPANY

| | | | | | | |
|--------------|--------|---------|---------------------|--|--|--|
| Winding | P | S | | | | |
| Turns | 1090 | 265 | | | | |
| Taps | | 89 | 2 nd tap | | | |
| Wind. Lgth. | 1 1/6 | 1 1/6 | | | | |
| Wire Size | #31 | #26 | 90% | | | |
| T.P.L. 90% | 100-11 | 53-62 | | | | |
| Kind Term. | al Br | W.O. | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 1107VC | 260056A | | | | |

| | | | |
|----------|-----------|--------------|---------|
| TUBE | 62007 | IMPREGNATION | VARNISH |
| CORE | 7/8 x 3/4 | PRIMARY V.A. | |
| MOUNTING | S | | |

Ord - one black, one white #14 motor lead - 2' long
 Sec - #16 Par Braid - 8" long
 TPV = 9.08
 PC = 71.5 @ 60~
 Wire Net = 0.310 (0.245) 5, 20~
 pri stamp see yellow
 120 V_T
 0 - White 10"
 8 - Red 8"
 15 - Black 10"



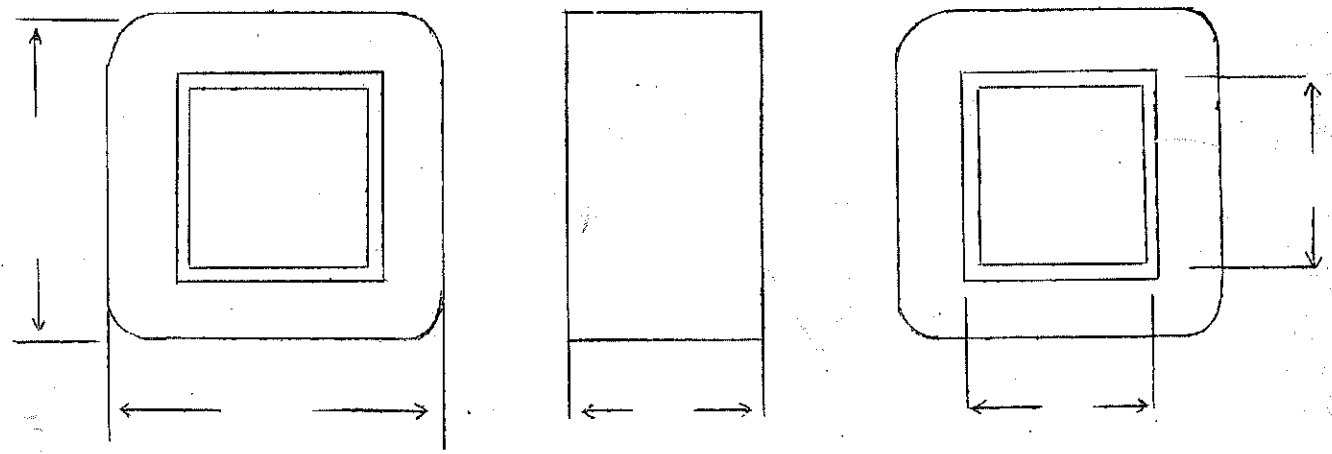
DESIGNED BY *gww*

DATE 5/19/37

Ep-120V (same as 3280 with primary leads out bottom)
 ES- 8-16-24V- 25 watt
 PRYNE & CO.
 SPEC. NO. 3295

| | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| 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 | S | | |



DESIGNED BY

DATE

Ep - 120
 Es - 8-16-24 V. - 50 Watt Intermittent Rating

(J. N. Harding)

4.9

SPEC. NO. 3296

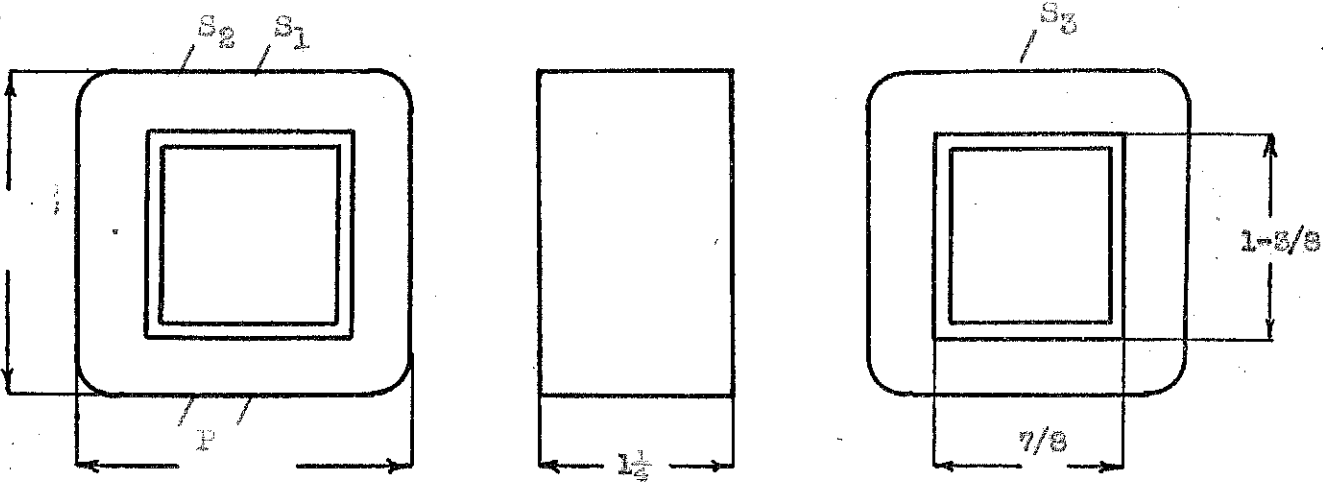
| | | | | | | |
|--------------|----------|----------|------------------------|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 588 | 128 | | | | |
| Taps | | 43 | | | | |
| Wind. Lgth. | 1-1/16 | 1-1/16 | | | | |
| Wire Size | #27 | #21 | | | | |
| T. P. L. | 65-10 | 5 L - | - M.W. if more than 10 | | | |
| Finish | | | | | | |
| Type Lead | W.O. | W.O. | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2L.005GA | 2L.005GA | | | | |

| | | | |
|------|--------|--------------|---------|
| TUBE | 5L.007 | IMPREGNATION | VARNISH |
|------|--------|--------------|---------|

| | | | | |
|------|-------------|-----|-------|-------|
| CORE | 7/8 x 1-3/8 | GA. | GRADE | STACK |
|------|-------------|-----|-------|-------|

MOUNTING S *Leads out bottom*

Pri - one black lead, one white lead 8" #14 motor cable
 Stamp pri - 120 V, 50 - 133 cy. 0 Sec - 8" #18 motor cable
 Stamp sec - 24, 16, 8 V - 50 V A 8 16
 0 240



DESIGNED BY GW

DATE 5/18/37

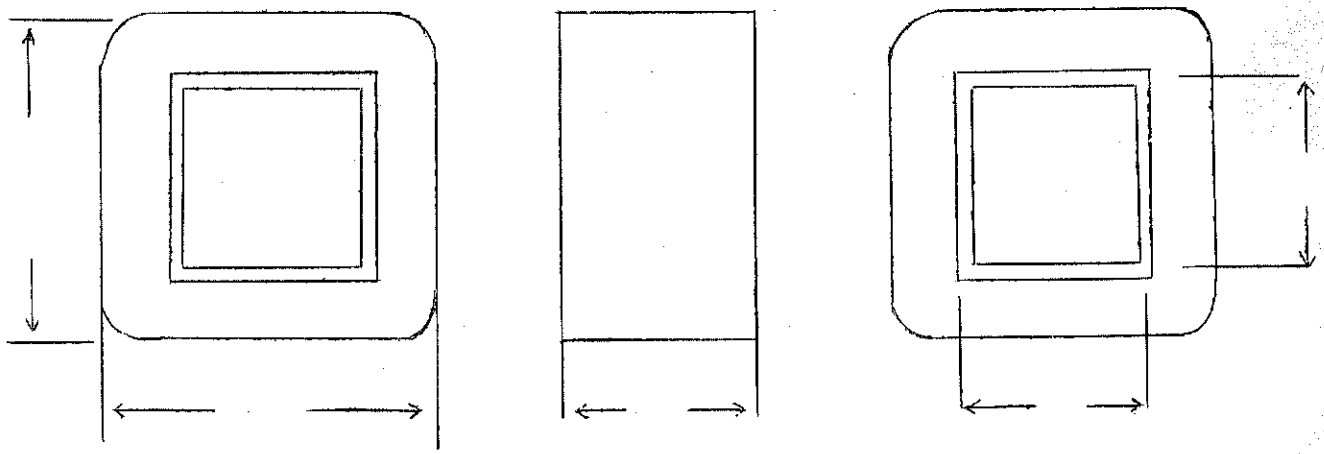
same as 3296 with 4 in diameter

SPEC. NO. 3297

Radio Equipment Dist

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

Ep-120V

E_s - 8-16-24 V. 50VA intermittent

6.7'

3298

SPEC. NO. ~~1257~~ 2570

| | | | | | | |
|--------------|-----------------|-----------------|----------------------|--|--|--|
| Winding | Pri | Sec | | | | |
| Turns | 805 | 182 | | | | |
| Taps | | 121 | | | | |
| Wind. Lgth. | 1 1/4 | 1 1/4 | | | | |
| Wire Size | #26 | #21 | Black - 10" - start | | | |
| T. P. L. | 67-12 | 38-6 | Red - 8" - tap | | | |
| Finish | | | White - 10" - Finish | | | |
| Type Lead | Wire Only | | | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 40 [#] | 50 [#] | | | | |
| Test Volt. | Standard | | | | | |
| Wrapper | 1K005VCR L0056A | | | | | |

| | | | |
|------|-----------|--------------|---------|
| TUBE | 5L007.61K | IMPREGNATION | Varnish |
|------|-----------|--------------|---------|

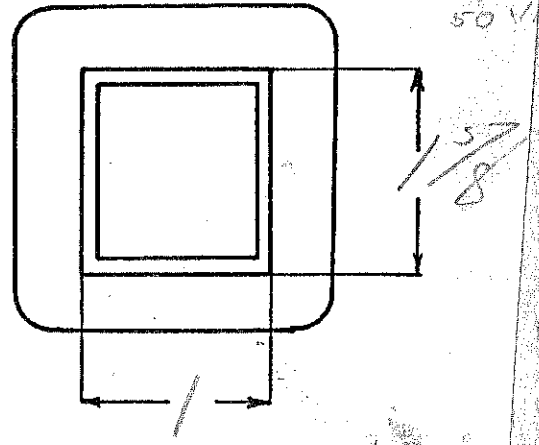
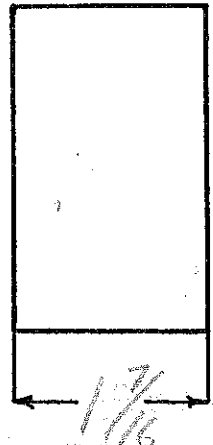
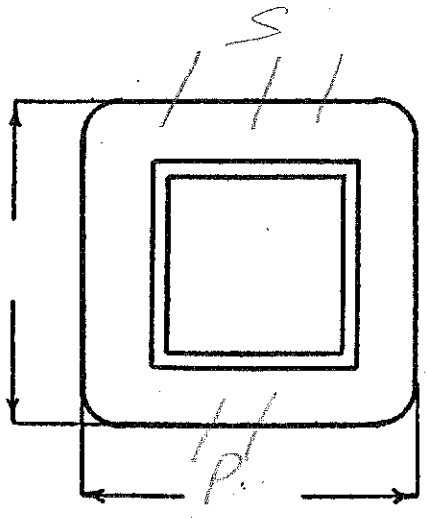
| | | | | | | | |
|------|-----------|-----|----|-------|---|-------|-------|
| CORE | 1 X 1 5/8 | GA. | 24 | GRADE | D | STACK | 2 X 2 |
|------|-----------|-----|----|-------|---|-------|-------|

MOUNTING S - panel at single winders

Pri - One black, one white - 8" - #14 motor cable.
 Sec - #16 Par Br - 8" long

Finish is electrical start

Stamp
 Primary
 120V,
 25Cyc.
 Sec
 0 - white
 8 - Red
 24 - Black
 50V



DESIGNED BY gcm

DATE 5-19-39

Ep 230V

Es 8-16-24V

50 VA - intermittent

61

SPEC. NO. 3298-25V-230V

| | | | | | | |
|--------------|-----------------|------|---------------------|--|--|--|
| Winding | Pri | Sec | | | | |
| Turns | 1400 | 162 | | | | |
| Taps | - | 108 | | | | |
| Wind. Lgth. | 1/4 | - | | | | |
| Wire Size | #29 | #21 | | | | |
| T. P. L. | 94-15 | 38-5 | Black - 10" - start | | | |
| Finish | | | Red - 8" - tap | | | |
| Type Lead | Wire only | | White 10" - finish | | | |
| Lead Lgth. | 3" | 3" | | | | |
| Layer Insul. | 30* | 50* | | | | |
| Test Volt. | Standard | | | | | |
| Wrapper | 2L005V6 2L005GA | | | | | |

TUBE 5L00761C IMPREGNATION Double Varnish

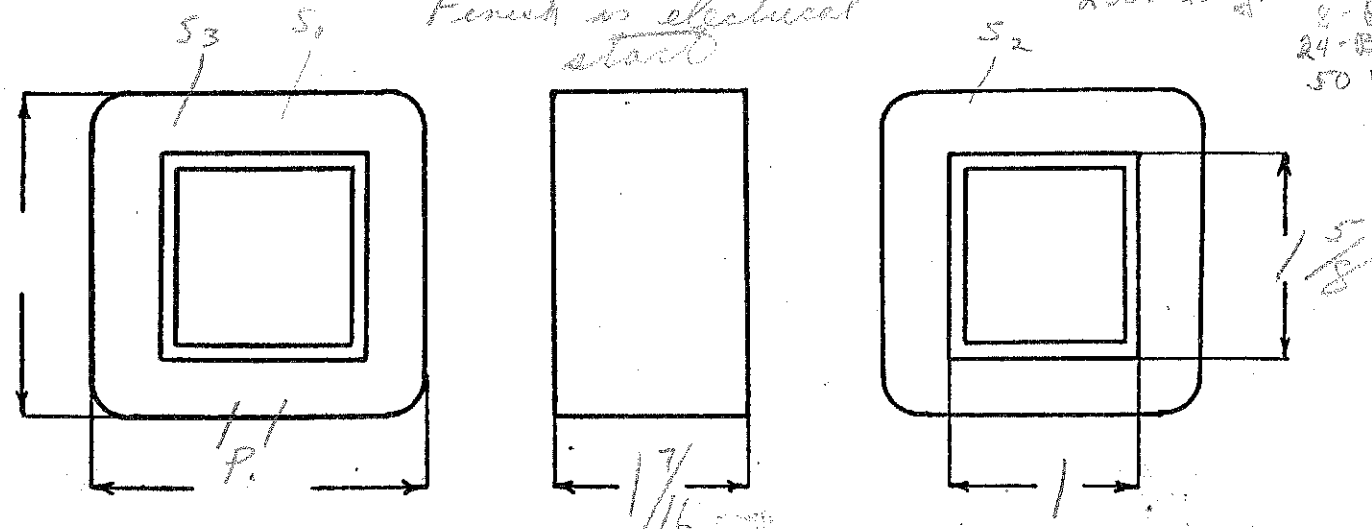
CORE 1X 1 3/8 GA. 24 GRADE D STACK 2X2

MOUNTING S - Panel at single winders

Pri - one black, one white - 8" #14 motor cable

Sec - #16 Pri Br - 8" long

Stamp
Pri 230V-25cy.
Sec 0-white
8-Red
24-Black
50 VA



DESIGNED BY JCB

DATE 7-12-39

Ep - 120v
Es - 8-16-24v

50VA intermittent

Harmony Mfg Co.
ANGELUS CHIMES

SPEC. NO. 3298

| | | | | | | |
|--------------|-----------|--------------|---|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 588 | 128 | | | | |
| Taps | | 85 | | | | |
| Wind. Lgth. | 1-1/16 | 1-1/16 | | | | |
| Wire Size | #27 | #21 | | | | |
| T. P. L. | 63-10 | 51-30 | Black 10" - Start Red 8" - Tap White 10" - Finish | | | |
| Finish | | | | | | |
| Type Lead | WIRE ONLY | #16 Pr Br | | | | |
| Lead Lgth. | 3" | as specified | | | | |
| Layer Insul. | 40# | 50# | | | | |
| Test Volt. | | | | | | |
| Wrapper | 2L005QA | 2L005GK | | | | |

| | | | |
|------|-------|--------------|---------|
| TUBE | 6L007 | IMPREGNATION | Varnish |
|------|-------|--------------|---------|

| | | | | |
|------|-------------|-----|-------|-------|
| CORE | 7/8 x 1-3/8 | GA. | GRADE | STACK |
|------|-------------|-----|-------|-------|

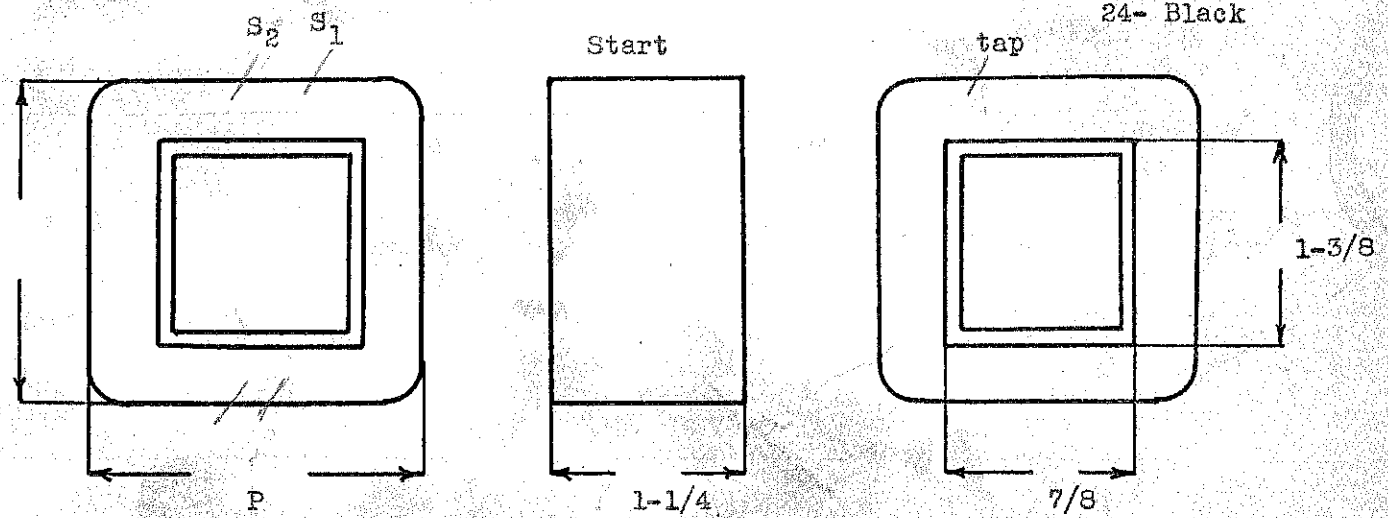
MOUNTING S - Panel at single winders Leads outside

Primary - One black, one white - 8" - #14 motor cable
Secondary - #16 Par Br. - 8" Long - stamp ~~XXXX~~ ink
Cut white lead 6" long

S¹ - 18
S² - 27

Finish is Electrical

Primary 120v
Secondary 0- White
8- Red
24- Black



DESIGNED BY GAR

DATE 5/19/37

230V Primary
12V sec - 100VA.

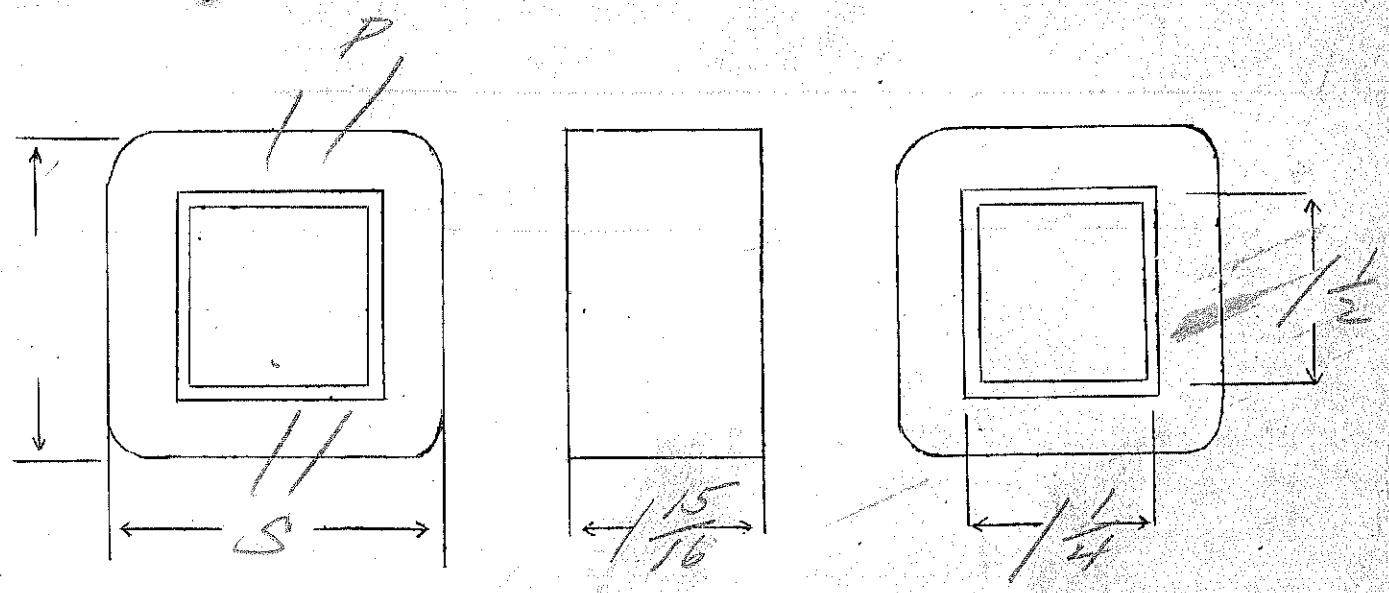
335

SPEC. NO. 3299

| | | | | | | |
|--------------|-----------|--------|--|--|--|--|
| Winding | PRI | SEC | | | | |
| Turns | 772 | 44 | | | | |
| Taps | | - | | | | |
| Wind. Lgth. | 1.75 | | | | | |
| Wire Size | #24 | #13 | | | | |
| T.P.L. | 74 | | | | | |
| Kind Term. | WIRE ONLY | | | | | |
| Term. Lgth. | 3" | 3" | | | | |
| Layer Insul. | 50# | | | | | |
| Test Volt. | | | | | | |
| Wrapper | 3M56A | 3M056A | | | | |

| | | | |
|----------|---------------|--------------|---------|
| TUBE | 76007 | IMPREGNATION | VARNISH |
| CORE | 1 1/4 x 1 1/2 | PRIMARY V.A. | |
| MOUNTING | S | | |

1" #14 Rubber Cover



DESIGNED BY *J. Weaver* DATE *5/15/37*