

1	2	3	4	5	6
H	SEALED TRANSFORMER, PCB 0.35VA EE20-6.5 SERIES	PAGE REV	DESCRIPTION	DATE	BY
G	A0	CREATED	2010-07-08	Jacise	
F	A3	Modified	2012-11-13	ye	
E	A4	Modified MECHANICAL SPECIFICATIONS	2015-10-26	ye	
D					
C					
B					
A					

## 1. ELECTRICAL SPECIFICATIONS:

A. Input Voltage and Frequency: 115/230V @ 50/60 Hz

B. Secondary Voltage: See Electrical Table

C. Ambient Temperature: 50°C MAX allowed.

D. Insulation Resistance:

100M Ohm Min @ 500VDC PRI. to SEC.

E. Hi-Pot:

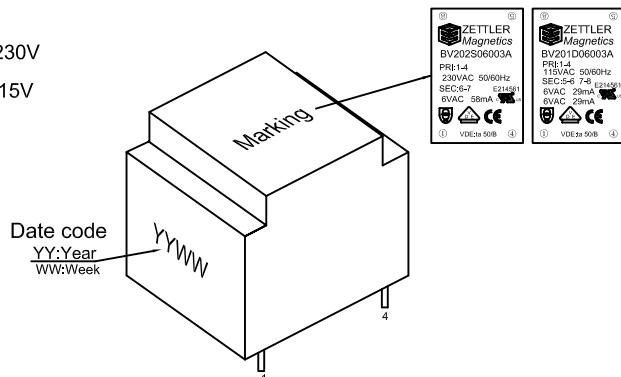
4200Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 230V

2800Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 115V

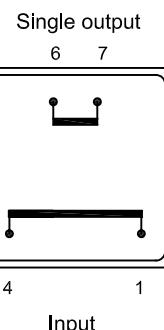
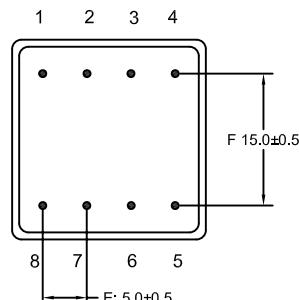
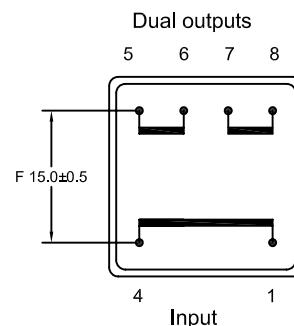
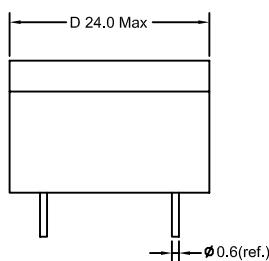
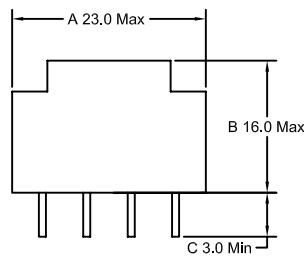
F. APPROVALS:

UL 5085 class 2 and class 3 recognized, VDE EN 61558 recognized.

Conforms to EN 60950 .



## 2. MECHANICAL SPECIFICATIONS:



UNIT MM	TOLERANCE	
3RD ANGLE	X.X = ±0.5	X.XX = ±0.3
	ANG = -	
SCALE:		DATA
DRAWN:	ye	2015-10-26
CHECKED:		
APPROVED:		

**ZETTLER MAGNETICS**

TITLE: SEALED TRANSFORMER, PCB 0.35VA

PART NO: <b>BV20XXXX003A</b>	ZM Project:	SPEC REV: A/4
Customers p/n:		SH NO 1/3

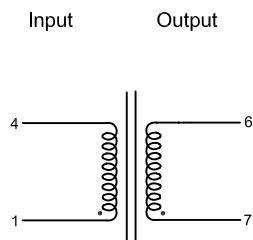
Web: [www.zettlermagnetics.com](http://www.zettlermagnetics.com)  
E-mail: [sales@zettlermagnetics.com](mailto:sales@zettlermagnetics.com)

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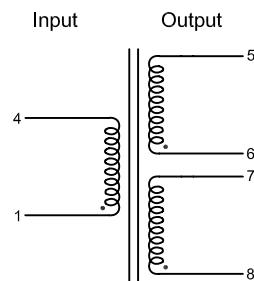
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PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2010-07-08	Jacise
A3	Modified	2012-11-13	ye

### 3. SCHEMATIC DIAGRAM:



## Single output



## Dual outputs

#### 4. ELECTRICAL TABLE:

Part Number (ZETTLER)	Input Voltage	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Rated Power (VA)
BV201S06003A	115V	$6\pm10\%$		58	10.5	0.35
BV201S09003A	115V	$9\pm10\%$		38.9	15.5	0.35
BV201S10003A	115V	$10\pm10\%$		35	17.5	0.35
BV201S12003A	115V	$12\pm10\%$		29	20.5	0.35
BV201S15003A	115V	$15\pm10\%$		23.3	24.5	0.35
BV201S18003A	115V	$18\pm10\%$		19.4	27.5	0.35
BV201S24003A	115V	$24\pm10\%$		14.6	35.5	0.35
BV201D06003A	115V	$6\pm10\%$	$6\pm10\%$	$2\times29$	$2\times10.5$	0.35
BV201D09003A	115V	$9\pm10\%$	$9\pm10\%$	$2\times19.4$	$2\times14.5$	0.35
BV201D10003A	115V	$10\pm10\%$	$10\pm10\%$	$2\times17.5$	$2\times17.5$	0.35
BV201D12003A	115V	$12\pm10\%$	$12\pm10\%$	$2\times14.6$	$2\times20.5$	0.35
BV201D15003A	115V	$15\pm10\%$	$15\pm10\%$	$2\times11.7$	$2\times24.5$	0.35
BV201D18003A	115V	$18\pm10\%$	$18\pm10\%$	$2\times14.6$	$2\times27.5$	0.35
BV201D24003A	115V	$24\pm10\%$	$24\pm10\%$	$2\times11.7$	$2\times35.5$	0.35
BV202S06003A	230V	$6\pm10\%$		58	10.5	0.35
BV202S09003A	230V	$9\pm10\%$		38.9	15.5	0.35
BV202S10003A	230V	$10\pm10\%$		35	17.5	0.35
BV202S12003A	230V	$12\pm10\%$		29	20.5	0.35
BV202S15003A	230V	$15\pm10\%$		23.3	24.5	0.35
BV202S18003A	230V	$18\pm10\%$		19.4	27.5	0.35
BV202S24003A	230V	$24\pm10\%$		14.6	35.5	0.35
BV202D06003A	230V	$6\pm10\%$	$6\pm10\%$	$2\times29$	$2\times10.5$	0.35
BV202D09003A	230V	$9\pm10\%$	$9\pm10\%$	$2\times19.4$	$2\times15.5$	0.35
BV202D10003A	230V	$10\pm10\%$	$10\pm10\%$	$2\times17.5$	$2\times17.5$	0.35
BV202D12003A	230V	$12\pm10\%$	$12\pm10\%$	$2\times14.6$	$2\times20.5$	0.35
BV202D15003A	230V	$15\pm10\%$	$15\pm10\%$	$2\times11.7$	$2\times24.5$	0.35
BV202D18003A	230V	$18\pm10\%$	$18\pm10\%$	$2\times9.7$	$2\times27.5$	0.35
BV202D24003A	230V	$24\pm10\%$	$24\pm10\%$	$2\times7.3$	$2\times35.5$	0.35

UNIT	TOLERANCE
MM	X.X = ±0.5
3RD ANGLE 	X.XX = ±0.3 ANG

# ZETTLER MAGNETICS

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**TITLE: SEALED TRANSFORMER, PCB 0.35VA**

PART NO: ZM Project: SPEC REV: A/4  
PV20XXXX002A

BV20XXXXX003A Customers p/n: SH NO 2/3

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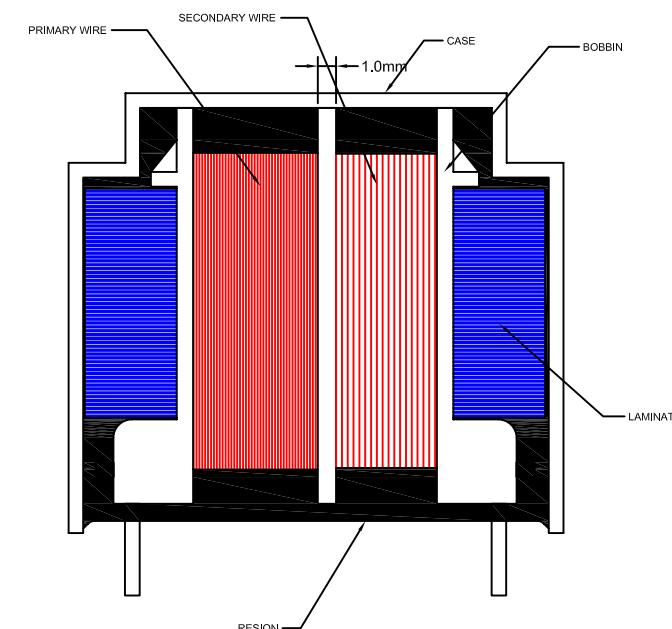
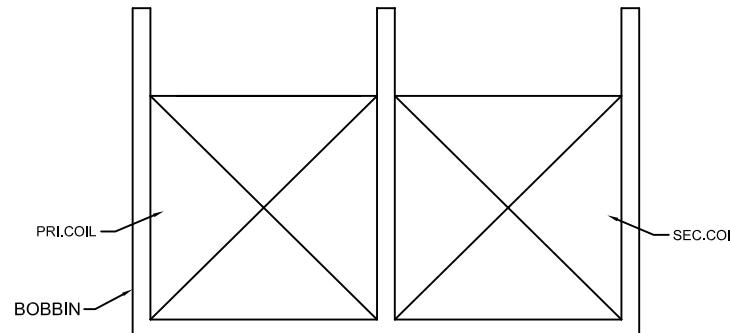
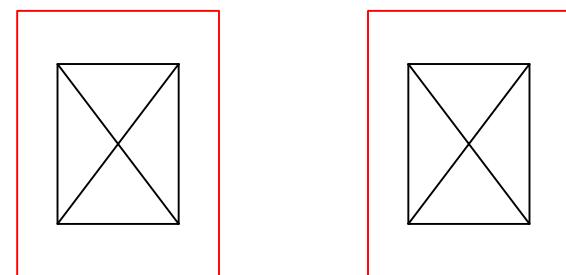
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F

LAMINATION

COIL

BOBBIN

Web: [www.zettlermagnetics.com](http://www.zettlermagnetics.com)E-mail: [sales@zettlermagnetics.com](mailto:sales@zettlermagnetics.com)

UNIT MM	TOLERANCE	
3RD ANGLE	X,X = ±0.5	X.XX = ±0.3
ANG = -		
SCALE:		DATA
DRAWN:	ye	2015-10-26
CHECKED:		
APPROVED:		

# ZETTLER MAGNETICS

TITLE: SEALED TRANSFORMER, PCB 0.35VA

PART NO: <b>BV20XXXX003A</b>	ZM Project:	SPEC REV: A/4
Customers p/n:		SH NO: 3/3

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