

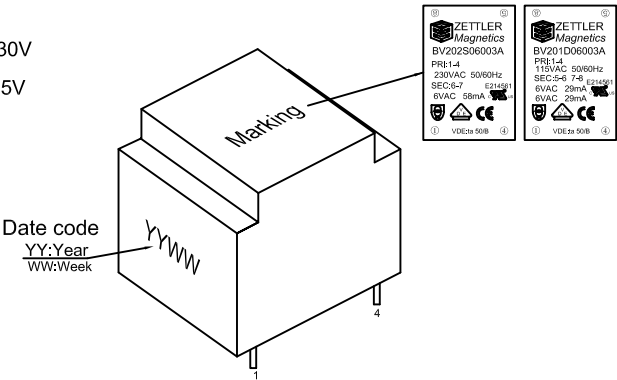
SEALED TRANSFORMER,
PCB 0.35VA EE20-6.5 SERIES

PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2010-07-08	Jacise
A3	Modified	2012-11-13	ye
A4	Modified MECHANICAL SPECIFICATIONS	2015-10-26	ye

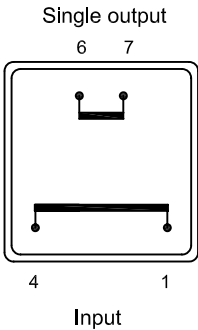
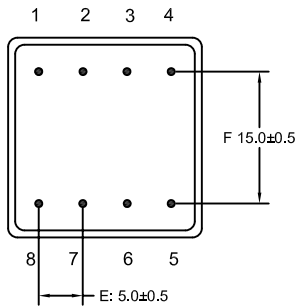
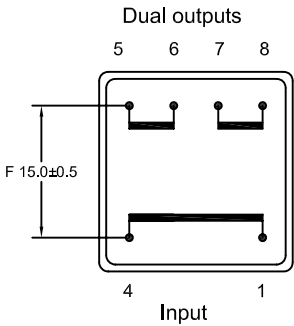
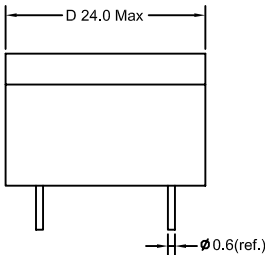
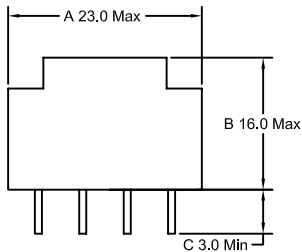
1. ELECTRICAL SPECIFICATIONS:

- 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:		

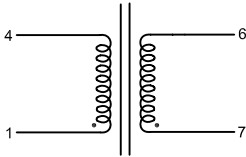
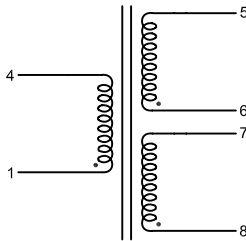
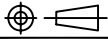
ZETTLER MAGNETICS

TITLE: SEALED TRANSFORMER, PCB 0.35VA

PART NO:
BV20XXXX003A

ZM Project:		SPEC REV: A/4
Customers p/n:		SH NO 1/3

Web: www.zettlermagnetics.com
E-mail: sales@zettlermagnetics.com

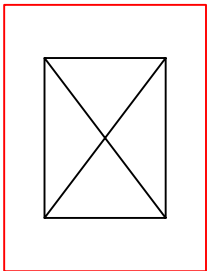
1	2	3	4	5	6																																																																																																																																																																																																											
			PAGE REV	DESCRIPTION	DATE	BY																																																																																																																																																																																																										
			A0	CREATED	2010-07-08	Jacise																																																																																																																																																																																																										
			A3	Modified	2012-11-13	ye																																																																																																																																																																																																										
3. SCHEMATIC DIAGRAM:																																																																																																																																																																																																																
Input Output  Input Output  Single output Dual outputs																																																																																																																																																																																																																
4. ELECTRICAL TABLE:																																																																																																																																																																																																																
<table><tr><th>Part Number (ZETTLER)</th><th>Input Voltage</th><th colspan="2">Secondary Voltage (V)</th><th>Secondary current (mA)</th><th>No-load Voltage (V)(max)</th><th>Rated Power (VA)</th></tr><tr><td>BV201S06003A</td><td>115V</td><td colspan="2">6±10%</td><td>58</td><td>10.5</td><td>0.35</td></tr><tr><td>BV201S09003A</td><td>115V</td><td colspan="2">9±10%</td><td>38.9</td><td>15.5</td><td>0.35</td></tr><tr><td>BV201S10003A</td><td>115V</td><td colspan="2">10±10%</td><td>35</td><td>17.5</td><td>0.35</td></tr><tr><td>BV201S12003A</td><td>115V</td><td colspan="2">12±10%</td><td>29</td><td>20.5</td><td>0.35</td></tr><tr><td>BV201S15003A</td><td>115V</td><td colspan="2">15±10%</td><td>23.3</td><td>24.5</td><td>0.35</td></tr><tr><td>BV201S18003A</td><td>115V</td><td colspan="2">18±10%</td><td>19.4</td><td>27.5</td><td>0.35</td></tr><tr><td>BV201S24003A</td><td>115V</td><td colspan="2">24±10%</td><td>14.6</td><td>35.5</td><td>0.35</td></tr><tr><td>BV201D06003A</td><td>115V</td><td>6±10%</td><td>6±10%</td><td>2×29</td><td>2×10.5</td><td>0.35</td></tr><tr><td>BV201D09003A</td><td>115V</td><td>9±10%</td><td>9±10%</td><td>2×19.4</td><td>2×14.5</td><td>0.35</td></tr><tr><td>BV201D10003A</td><td>115V</td><td>10±10%</td><td>10±10%</td><td>2×17.5</td><td>2×17.5</td><td>0.35</td></tr><tr><td>BV201D12003A</td><td>115V</td><td>12±10%</td><td>12±10%</td><td>2×14.6</td><td>2×20.5</td><td>0.35</td></tr><tr><td>BV201D15003A</td><td>115V</td><td>15±10%</td><td>15±10%</td><td>2×11.7</td><td>2×24.5</td><td>0.35</td></tr><tr><td>BV201D18003A</td><td>115V</td><td>18±10%</td><td>18±10%</td><td>2×14.6</td><td>2×27.5</td><td>0.35</td></tr><tr><td>BV201D24003A</td><td>115V</td><td>24±10%</td><td>24±10%</td><td>2×11.7</td><td>2×35.5</td><td>0.35</td></tr><tr><td>BV202S06003A</td><td>230V</td><td colspan="2">6±10%</td><td>58</td><td>10.5</td><td>0.35</td></tr><tr><td>BV202S09003A</td><td>230V</td><td colspan="2">9±10%</td><td>38.9</td><td>15.5</td><td>0.35</td></tr><tr><td>BV202S10003A</td><td>230V</td><td colspan="2">10±10%</td><td>35</td><td>17.5</td><td>0.35</td></tr><tr><td>BV202S12003A</td><td>230V</td><td colspan="2">12±10%</td><td>29</td><td>20.5</td><td>0.35</td></tr><tr><td>BV202S15003A</td><td>230V</td><td colspan="2">15±10%</td><td>23.3</td><td>24.5</td><td>0.35</td></tr><tr><td>BV202S18003A</td><td>230V</td><td colspan="2">18±10%</td><td>19.4</td><td>27.5</td><td>0.35</td></tr><tr><td>BV202S24003A</td><td>230V</td><td colspan="2">24±10%</td><td>14.6</td><td>35.5</td><td>0.35</td></tr><tr><td>BV202D06003A</td><td>230V</td><td>6±10%</td><td>6±10%</td><td>2×29</td><td>2×10.5</td><td>0.35</td></tr><tr><td>BV202D09003A</td><td>230V</td><td>9±10%</td><td>9±10%</td><td>2×19.4</td><td>2×15.5</td><td>0.35</td></tr><tr><td>BV202D10003A</td><td>230V</td><td>10±10%</td><td>10±10%</td><td>2×17.5</td><td>2×17.5</td><td>0.35</td></tr><tr><td>BV202D12003A</td><td>230V</td><td>12±10%</td><td>12±10%</td><td>2×14.6</td><td>2×20.5</td><td>0.35</td></tr><tr><td>BV202D15003A</td><td>230V</td><td>15±10%</td><td>15±10%</td><td>2×11.7</td><td>2×24.5</td><td>0.35</td></tr><tr><td>BV202D18003A</td><td>230V</td><td>18±10%</td><td>18±10%</td><td>2×9.7</td><td>2×27.5</td><td>0.35</td></tr><tr><td>BV202D24003A</td><td>230V</td><td>24±10%</td><td>24±10%</td><td>2×7.3</td><td>2×35.5</td><td>0.35</td></tr></table>						Part Number (ZETTLER)	Input Voltage	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Rated Power (VA)	BV201S06003A	115V	6±10%		58	10.5	0.35	BV201S09003A	115V	9±10%		38.9	15.5	0.35	BV201S10003A	115V	10±10%		35	17.5	0.35	BV201S12003A	115V	12±10%		29	20.5	0.35	BV201S15003A	115V	15±10%		23.3	24.5	0.35	BV201S18003A	115V	18±10%		19.4	27.5	0.35	BV201S24003A	115V	24±10%		14.6	35.5	0.35	BV201D06003A	115V	6±10%	6±10%	2×29	2×10.5	0.35	BV201D09003A	115V	9±10%	9±10%	2×19.4	2×14.5	0.35	BV201D10003A	115V	10±10%	10±10%	2×17.5	2×17.5	0.35	BV201D12003A	115V	12±10%	12±10%	2×14.6	2×20.5	0.35	BV201D15003A	115V	15±10%	15±10%	2×11.7	2×24.5	0.35	BV201D18003A	115V	18±10%	18±10%	2×14.6	2×27.5	0.35	BV201D24003A	115V	24±10%	24±10%	2×11.7	2×35.5	0.35	BV202S06003A	230V	6±10%		58	10.5	0.35	BV202S09003A	230V	9±10%		38.9	15.5	0.35	BV202S10003A	230V	10±10%		35	17.5	0.35	BV202S12003A	230V	12±10%		29	20.5	0.35	BV202S15003A	230V	15±10%		23.3	24.5	0.35	BV202S18003A	230V	18±10%		19.4	27.5	0.35	BV202S24003A	230V	24±10%		14.6	35.5	0.35	BV202D06003A	230V	6±10%	6±10%	2×29	2×10.5	0.35	BV202D09003A	230V	9±10%	9±10%	2×19.4	2×15.5	0.35	BV202D10003A	230V	10±10%	10±10%	2×17.5	2×17.5	0.35	BV202D12003A	230V	12±10%	12±10%	2×14.6	2×20.5	0.35	BV202D15003A	230V	15±10%	15±10%	2×11.7	2×24.5	0.35	BV202D18003A	230V	18±10%	18±10%	2×9.7	2×27.5	0.35	BV202D24003A	230V	24±10%	24±10%	2×7.3	2×35.5	0.35
Part Number (ZETTLER)	Input Voltage	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Rated Power (VA)																																																																																																																																																																																																										
BV201S06003A	115V	6±10%		58	10.5	0.35																																																																																																																																																																																																										
BV201S09003A	115V	9±10%		38.9	15.5	0.35																																																																																																																																																																																																										
BV201S10003A	115V	10±10%		35	17.5	0.35																																																																																																																																																																																																										
BV201S12003A	115V	12±10%		29	20.5	0.35																																																																																																																																																																																																										
BV201S15003A	115V	15±10%		23.3	24.5	0.35																																																																																																																																																																																																										
BV201S18003A	115V	18±10%		19.4	27.5	0.35																																																																																																																																																																																																										
BV201S24003A	115V	24±10%		14.6	35.5	0.35																																																																																																																																																																																																										
BV201D06003A	115V	6±10%	6±10%	2×29	2×10.5	0.35																																																																																																																																																																																																										
BV201D09003A	115V	9±10%	9±10%	2×19.4	2×14.5	0.35																																																																																																																																																																																																										
BV201D10003A	115V	10±10%	10±10%	2×17.5	2×17.5	0.35																																																																																																																																																																																																										
BV201D12003A	115V	12±10%	12±10%	2×14.6	2×20.5	0.35																																																																																																																																																																																																										
BV201D15003A	115V	15±10%	15±10%	2×11.7	2×24.5	0.35																																																																																																																																																																																																										
BV201D18003A	115V	18±10%	18±10%	2×14.6	2×27.5	0.35																																																																																																																																																																																																										
BV201D24003A	115V	24±10%	24±10%	2×11.7	2×35.5	0.35																																																																																																																																																																																																										
BV202S06003A	230V	6±10%		58	10.5	0.35																																																																																																																																																																																																										
BV202S09003A	230V	9±10%		38.9	15.5	0.35																																																																																																																																																																																																										
BV202S10003A	230V	10±10%		35	17.5	0.35																																																																																																																																																																																																										
BV202S12003A	230V	12±10%		29	20.5	0.35																																																																																																																																																																																																										
BV202S15003A	230V	15±10%		23.3	24.5	0.35																																																																																																																																																																																																										
BV202S18003A	230V	18±10%		19.4	27.5	0.35																																																																																																																																																																																																										
BV202S24003A	230V	24±10%		14.6	35.5	0.35																																																																																																																																																																																																										
BV202D06003A	230V	6±10%	6±10%	2×29	2×10.5	0.35																																																																																																																																																																																																										
BV202D09003A	230V	9±10%	9±10%	2×19.4	2×15.5	0.35																																																																																																																																																																																																										
BV202D10003A	230V	10±10%	10±10%	2×17.5	2×17.5	0.35																																																																																																																																																																																																										
BV202D12003A	230V	12±10%	12±10%	2×14.6	2×20.5	0.35																																																																																																																																																																																																										
BV202D15003A	230V	15±10%	15±10%	2×11.7	2×24.5	0.35																																																																																																																																																																																																										
BV202D18003A	230V	18±10%	18±10%	2×9.7	2×27.5	0.35																																																																																																																																																																																																										
BV202D24003A	230V	24±10%	24±10%	2×7.3	2×35.5	0.35																																																																																																																																																																																																										
UNIT MM 3RD ANGLE  SCALE: DRAWN: CHECKED: APPROVED: TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = - DATA 2015-10-26 ZETTLER MAGNETICS TITLE: SEALED TRANSFORMER, PCB 0.35VA PART NO: BV20XXXX003A ZM Project: CUSTOMERS p/n: SPEC REV: A/4 SH NO 2/3																																																																																																																																																																																																																
Web: www.zettlermagnetics.com E-mail: sales@zettlermagnetics.com																																																																																																																																																																																																																
1	2	3	4	5	6																																																																																																																																																																																																											

1		2		3		4		5		6		7		8																															
LAMINATION COIL BOBBIN PRIMARY SECONDARY PRI.COIL BOBBIN SEC.COIL PRIMARY WIRE SECONDARY WIRE CASE BOBBIN 1.0mm LAMINATION RESION UNIT MM 3RD ANGLE ANG = - SCALE: DRAWN: CHECKED: APPROVED: ye DATA 2015-10-26 TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = - ZETTLER MAGNETICS TITLE: SEALED TRANSFORMER, PCB 0.35VA PART NO: BV20XXXX003A ZM Project: Customers p/n: SPEC REV: A/4 SH NO: 3/3 Web: www.zettlermagnetics.com E-mail: sales@zettlermagnetics.com <tr><td colspan="2">A0</td><td colspan="2">CREATED</td><td colspan="2">2010-07-08</td><td colspan="2">Jacise</td></tr><tr><td colspan="2">A3</td><td colspan="2">Modified</td><td colspan="2">2012-11-13</td><td colspan="2">ye</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">F</td><td colspan="2">E</td><td colspan="2">D</td><td colspan="2">C</td><td colspan="2">B</td><td colspan="2">A</td></tr>										A0		CREATED		2010-07-08		Jacise		A3		Modified		2012-11-13		ye										F		E		D		C		B		A	
										A0		CREATED		2010-07-08		Jacise																													
										A3		Modified		2012-11-13		ye																													
F		E		D		C		B		A																																			

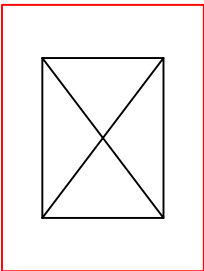
— LAMINATION

□ COIL

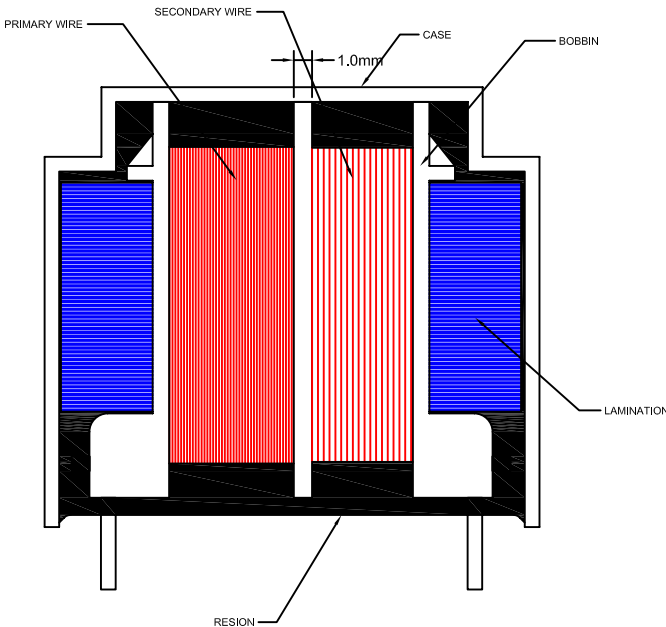
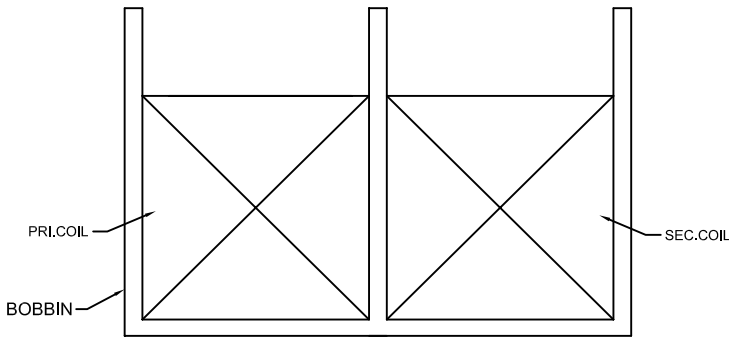
⊠ BOBBIN

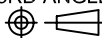


PRIMARY



SECONDARY



UNIT MM		TOLERANCE X.X = ±0,5 X.XX = ±0,3 ANG = -
3RD ANGLE 		
SCALE:		DATA
DRAWN:	ye	2015-10-26
CHECKED:		
APPROVED:		

ZETTLER MAGNETICS

TITLE: SEALED TRANSFORMER, PCB 0.35VA

PART NO:
BV20XXXX003A

ZM Project:

Customers p/n:

SPEC REV: A/4

SH NO: 3/3