

SEALED TRANSFORMER, PCB 0.5VA EE20-10.5 SERIES

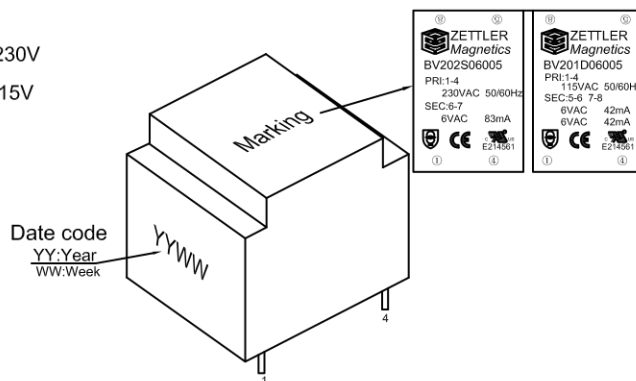
PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2010-03-30	Jacise
A1	Modified	2015-10-30	ye

1. ELECTRICAL SPECIFICATIONS:

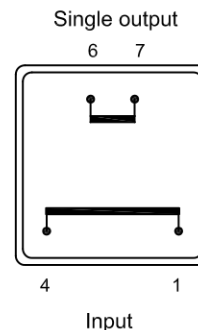
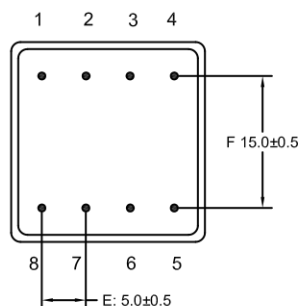
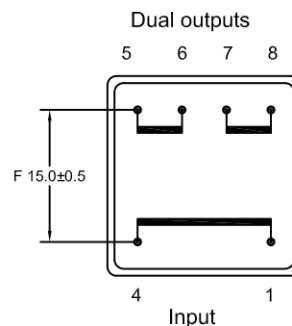
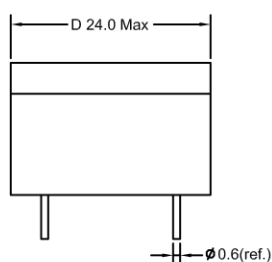
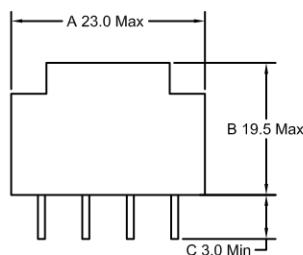
- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
 B. Secondary Voltage: See Electrical Table
 C. Ambient Temperature: 50° C MAX allowed.
 D. Insulation Resistance:
 100M Ohm Min @ 500VDC PRI. to SEC.
 E. Hi-Pot:
 4200Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 230V
 2800Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 115V

F. APPROVALS:

UL 5085 class 2 and class 3 recognized.
 Conforms to EN 60950 .

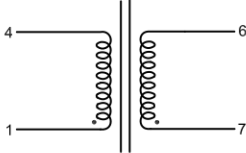
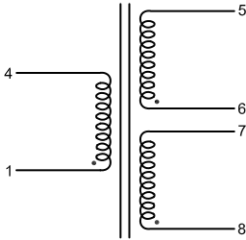
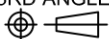


2. MECHANICAL SPECIFICATIONS:



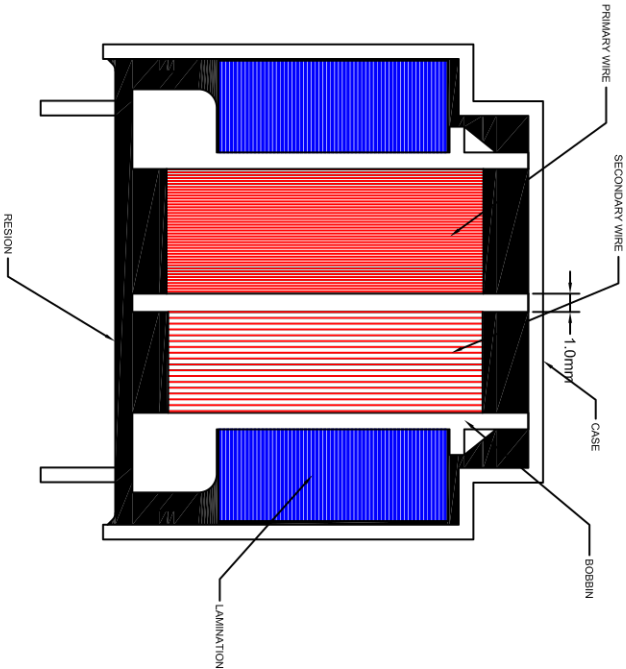
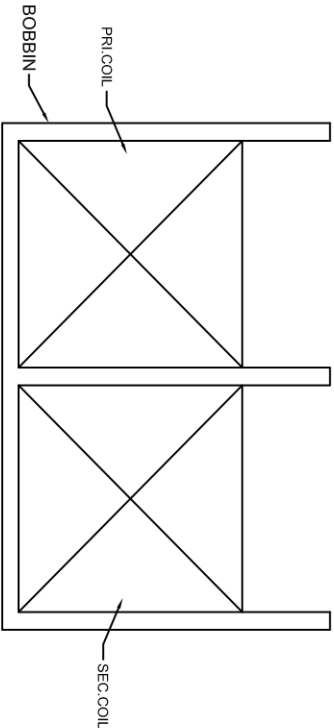
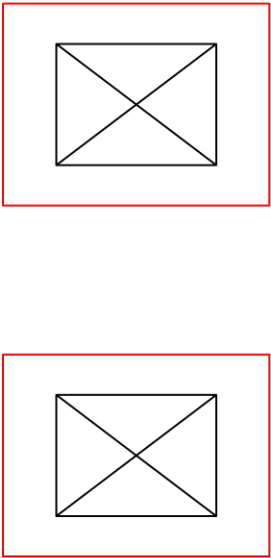
UNIT MM	TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = -	ZETTLER MAGNETICS		
3RD ANGLE 		TITLE: SEALED TRANSFORMER, PCB 0.5VA		
SCALE:		PART NO:	ZM Project:	SPEC REV: A/1
DRAWN: ye	2015-10-30	BV20XXXX005		SH NO 1/3
CHECKED:		Customers p/n:		
APPROVED:				

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Input Output  Input Output  Single output Dual outputs																																																																																																																														
4. ELECTRICAL TABLE:																																																																																																																														
<table><tr><th>Part Number (Input:115V)</th><th>Part Number (Input:230V)</th><th colspan="2">Secondary Voltage (V)</th><th>Secondary current (mA)</th><th>No-load Voltage (V)(max)</th><th>Ambient temperature (°C)</th><th>Rated Power (VA)</th></tr><tr><td>BV201S06005</td><td>BV202S06005</td><td colspan="2">6.3±10%</td><td>83.3</td><td>10.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S09005</td><td>BV202S09005</td><td colspan="2">9.5±10%</td><td>55.6</td><td>14.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S10005</td><td>BV202S10005</td><td colspan="2">10.5±10%</td><td>50</td><td>16.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S12005</td><td>BV202S12005</td><td colspan="2">12.5±10%</td><td>41.7</td><td>20.0</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S15005</td><td>BV202S15005</td><td colspan="2">15.5±10%</td><td>33.3</td><td>24.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S18005</td><td>BV202S18005</td><td colspan="2">18.0±10%</td><td>27.8</td><td>28.9</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201S24005</td><td>BV202S24005</td><td colspan="2">24.0±10%</td><td>20.8</td><td>38.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D06005</td><td>BV202D06005</td><td>6.3±10%</td><td>6.0±10%</td><td>2x41.8</td><td>2X10.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D09005</td><td>BV202D09005</td><td>9.5±10%</td><td>9.0±10%</td><td>2x27.8</td><td>2X14.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D10005</td><td>BV202D10005</td><td>10.5±10%</td><td>10.0±10%</td><td>2x50</td><td>2X16.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D12005</td><td>BV202D12005</td><td>12.5±10%</td><td>12.0±10%</td><td>2x20.8</td><td>2X20</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D15005</td><td>BV202D15005</td><td>15.5±10%</td><td>15.0±10%</td><td>2x16.7</td><td>2X24.5</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D18005</td><td>BV202D18005</td><td>18.0±10%</td><td>18.0±10%</td><td>2x13.9</td><td>2X28.9</td><td>T 50 B</td><td>0.5</td></tr><tr><td>BV201D24005</td><td>BV202D24005</td><td>24.0±10%</td><td>24.0±10%</td><td>2x10.4</td><td>2X38.5</td><td>T 50 B</td><td>0.5</td></tr></table>							Part Number (Input:115V)	Part Number (Input:230V)	Secondary Voltage (V)		Secondary current (mA)	No-load Voltage (V)(max)	Ambient temperature (°C)	Rated Power (VA)	BV201S06005	BV202S06005	6.3±10%		83.3	10.5	T 50 B	0.5	BV201S09005	BV202S09005	9.5±10%		55.6	14.5	T 50 B	0.5	BV201S10005	BV202S10005	10.5±10%		50	16.5	T 50 B	0.5	BV201S12005	BV202S12005	12.5±10%		41.7	20.0	T 50 B	0.5	BV201S15005	BV202S15005	15.5±10%		33.3	24.5	T 50 B	0.5	BV201S18005	BV202S18005	18.0±10%		27.8	28.9	T 50 B	0.5	BV201S24005	BV202S24005	24.0±10%		20.8	38.5	T 50 B	0.5	BV201D06005	BV202D06005	6.3±10%	6.0±10%	2x41.8	2X10.5	T 50 B	0.5	BV201D09005	BV202D09005	9.5±10%	9.0±10%	2x27.8	2X14.5	T 50 B	0.5	BV201D10005	BV202D10005	10.5±10%	10.0±10%	2x50	2X16.5	T 50 B	0.5	BV201D12005	BV202D12005	12.5±10%	12.0±10%	2x20.8	2X20	T 50 B	0.5	BV201D15005	BV202D15005	15.5±10%	15.0±10%	2x16.7	2X24.5	T 50 B	0.5	BV201D18005	BV202D18005	18.0±10%	18.0±10%	2x13.9	2X28.9	T 50 B	0.5	BV201D24005	BV202D24005	24.0±10%	24.0±10%	2x10.4	2X38.5	T 50 B	0.5
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A1	Modified	2015-10-30	ye

— LAMINATION



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

SCALE:	DATA
DRAWN: ye	2015-10-26
CHECKED:	
APPROVED:	

ZETTLER MAGNETICS

TITLE: SEALED TRANSFORMER, PCB 0.5VA

PART NO:	ZIM Project:	SPEC REV: A/1
BV20XXXXX005	Customers p/n:	SH NO: 3/3

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