

# SEALED TRANSFORMER, PCB 0.6VA EE20-10.5 SERIES

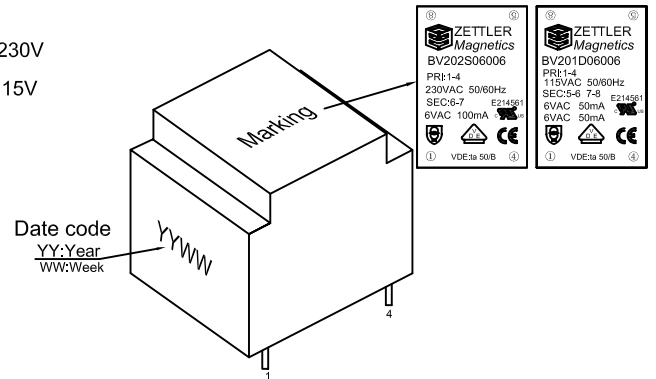
PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2010-03-30	Jacise
A1	Modified	2015-10-30	ye

## 1. ELECTRICAL SPECIFICATIONS:

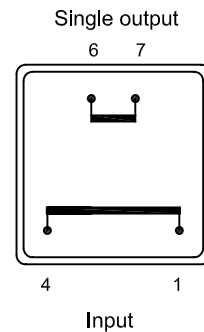
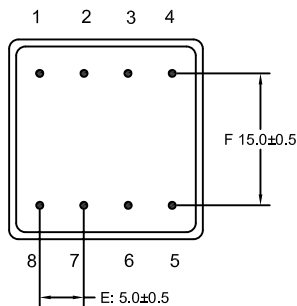
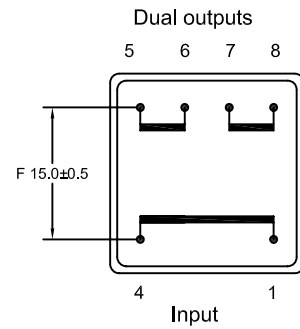
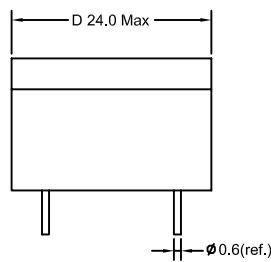
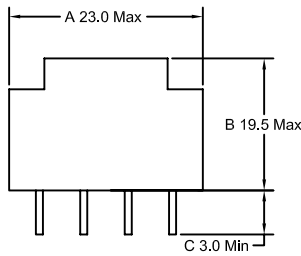
- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
- B. Secondary Voltage: See Electrical Table
- C. Ambient Temperature: 50° C MAX allowed.
- D. Insulation Resistance:  
100M Ohm Min @ 500VDC PRI. to SEC.
- E. Hi-Pot:  
4200Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 230V  
2800Vrms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

## F. APPROVALS:

UL 5085 class 2 and class 3 recognized, VDE EN 61558 recognized.  
Conforms to EN 60950 .



## 2. MECHANICAL SPECIFICATIONS:



UNIT	TOLERANCE
MM	X.X = ±0.5
3RD ANGLE	X.XX = ±0.3
	ANG = -
SCALE:	DATA
DRAWN: ye	2015-10-30
CHECKED:	
APPROVED:	

# ZETTLER MAGNETICS

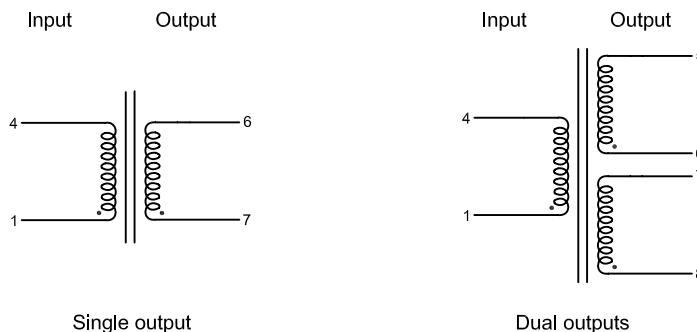
TITLE: SEALED TRANSFORMER, PCB 0.6VA

PART NO: <b>BV20XXXX006</b>	ZM Project:	SPEC REV: A/1
	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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3. SCHEMATIC DIAGRAM:



4. ELECTRICAL 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)
BV201S06006	BV202S06006	6±10%		100	11.5	T 50 B	0.6
BV201S09006	BV202S09006	9±10%		66.7	14.5	T 50 B	0.6
BV201S10006	BV202S10006	10±10%		60	15.5	T 50 B	0.6
BV201S12006	BV202S12006	12±10%		50	18.5	T 50 B	0.6
BV201S15006	BV202S15006	15±10%		40	22.5	T 50 B	0.6
BV201S18006	BV202S18006	18±10%		33.3	26.5	T 50 B	0.6
BV201S24006	BV202S24006	24±10%		25	33.3	T 50 B	0.6
BV201D06006	BV202D06006	6±10%	6±10%	2×50	2×11.5	T 50 B	0.6
BV201D09006	BV202D09006	9±10%	9±10%	2×33.3	2×14.5	T 50 B	0.6
BV201D10006	BV202D10006	10±10%	10±10%	2×30	2×15.5	T 50 B	0.6
BV201D12006	BV202D12006	12±10%	12±10%	2×25	2×18.5	T 50 B	0.6
BV201D15006	BV202D15006	15±10%	15±10%	2×20	2×24.5	T 50 B	0.6
BV201D18006	BV202D18006	18±10%	18±10%	2×16.7	2×27.5	T 50 B	0.6
BV201D24006	BV202D24006	24±10%	24±10%	2×12.5	2×35.5	T 50 B	0.6

UNIT MM	TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = -	
3RD ANGLE 		
SCALE:	DATA	
DRAWN: ye	2015-10-30	
CHECKED:		
APPROVED:		

**ZETTLER MAGNETICS**

TITLE: SEALED TRANSFORMER, PCB 0.6VA

PART NO:

**BV20XXXX006**

ZM Project:

Customers p/n:

SPEC REV: A/1

SH NO 2/3

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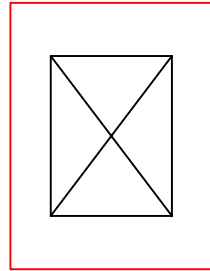
E-mail: [sales@zettlermagnetics.com](mailto:sales@zettlermagnetics.com)

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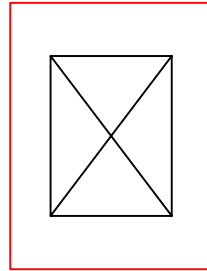
— LAMINATION

□ COIL

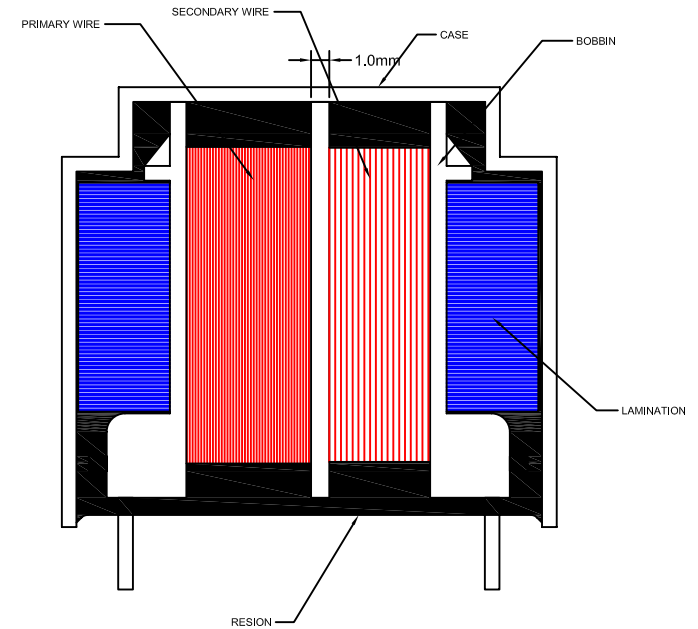
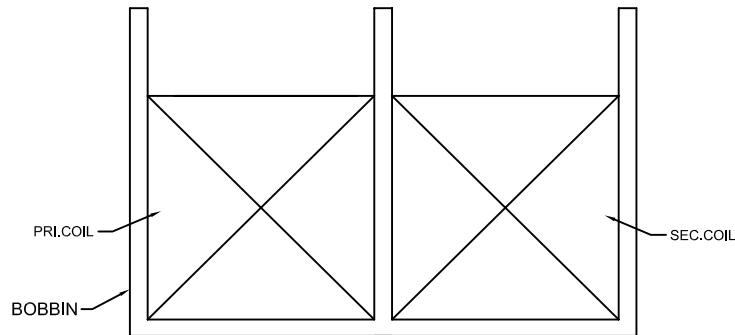
⊗ BOBBIN



PRIMARY



SECONDARY



UNIT MM	TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = -	
3RD ANGLE 		
SCALE:	DATA	
DRAWN: ye	2015-10-30	
CHECKED:		
APPROVED:		

# ZETTLER MAGNETICS

TITLE: SEALED TRANSFORMER, PCB 0.6VA

PART NO:  
**BV20XXXX006**

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