

# SEALED TRANSFORMER, PCB 0.35VA EE20-6.5 SERIES

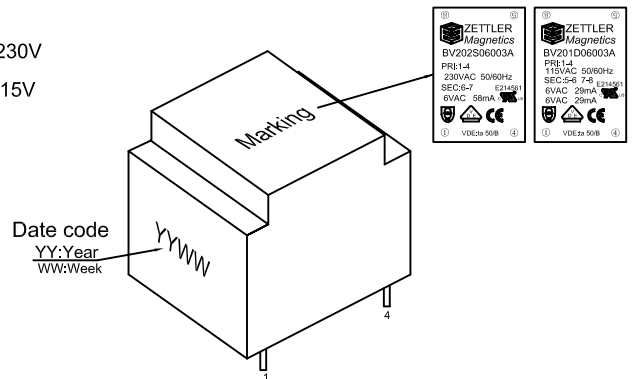
PAGE REV	DESCRIPTION	DATE	BY
A0	CREATED	2010-07-08	Jacise
A3	Modified	2012-11-13	ye
A4	Modified MECHANICAL SPECIFICATIONS	2015-10-26	ye

## 1. ELECTRICAL SPECIFICATIONS:

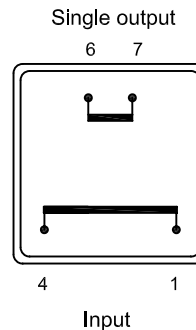
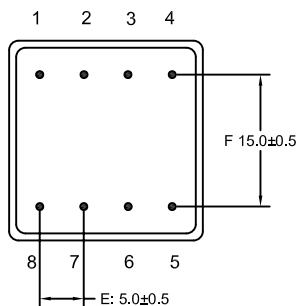
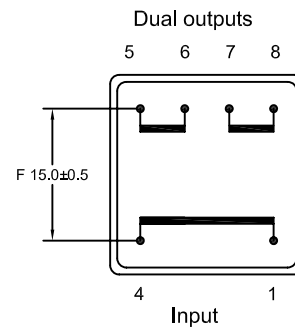
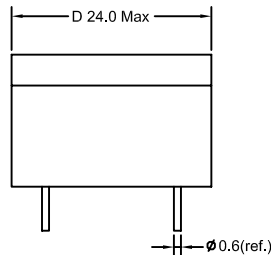
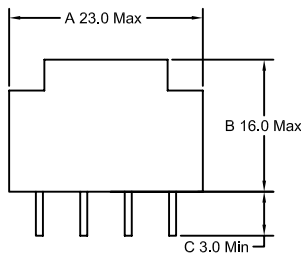
- A. Input Voltage and Frequency: 115/230V @ 50/60 Hz
- B. Secondary Voltage: See Electrical Table
- C. Ambient Temperature: 50°C MAX allowed.
- D. Insulation Resistance:  
100M Ohm Min @ 500VDC PRI. to SEC.
- E. Hi-Pot:  
4200Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 230V  
2800Vrms 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	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 0.35VA

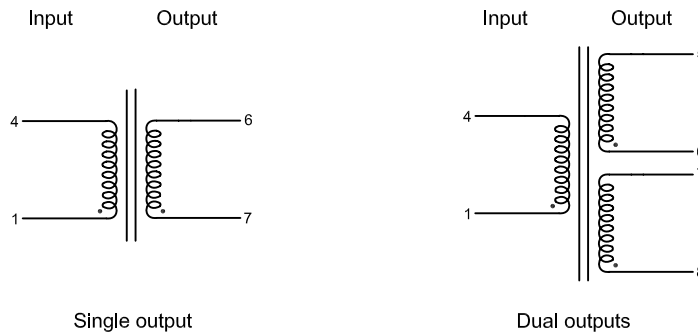
PART NO: BV20XXXX003A

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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3. SCHEMATIC DIAGRAM:



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±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	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: <b>BV20XXXX003A</b>		ZM Project:	SPEC REV: A/4
		Customers p/n:	SH NO 2/3

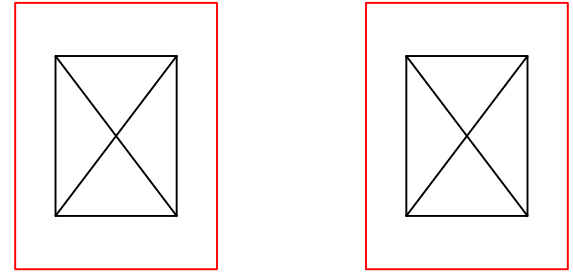
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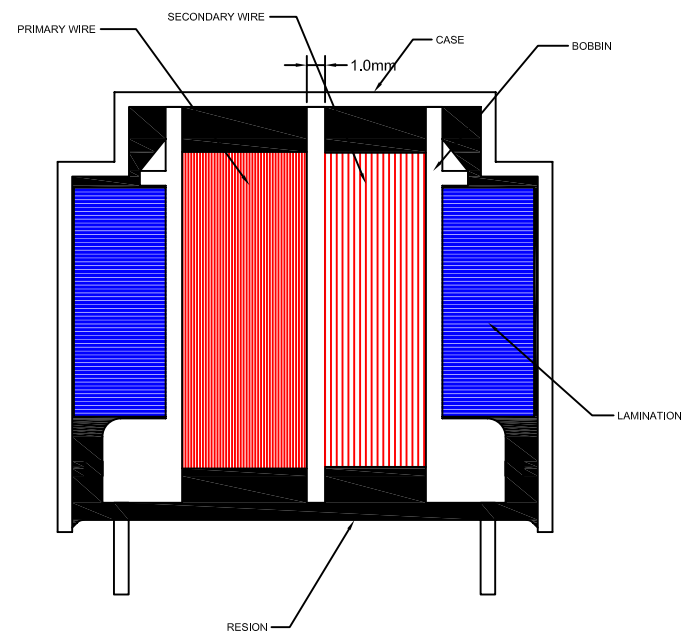
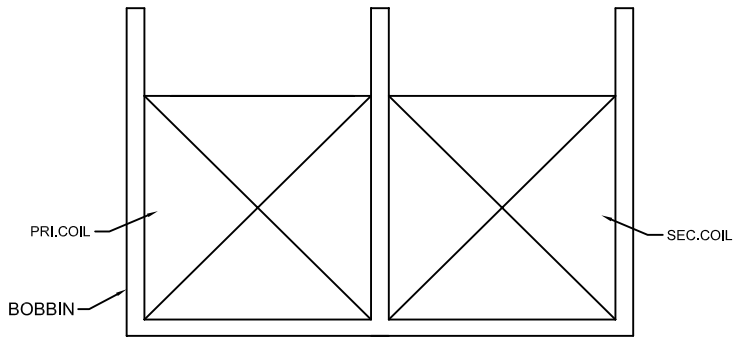
F

-  LAMINATION
-  COIL
-  BOBBIN



PRIMARY

SECONDARY



F

E

E

D

D

C

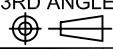
C

B

B

A

A

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

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

1 2 3 4 5 6 7 8