

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:

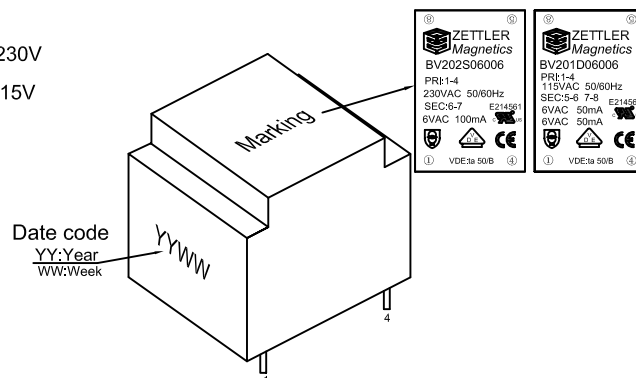
4200Vrms 1 minute @ PRI. to SEC., when the primary input voltage is 230V

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

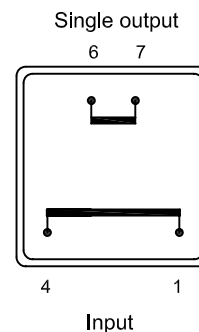
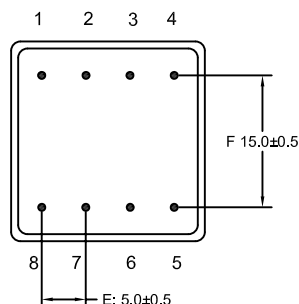
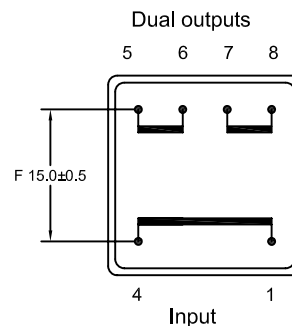
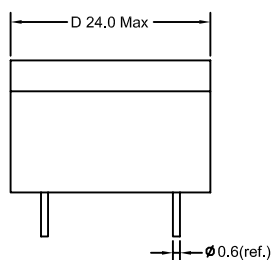
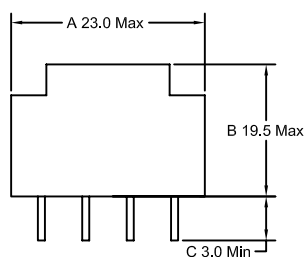
F. APPROVALS:

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

Conforms to EN 60950 .



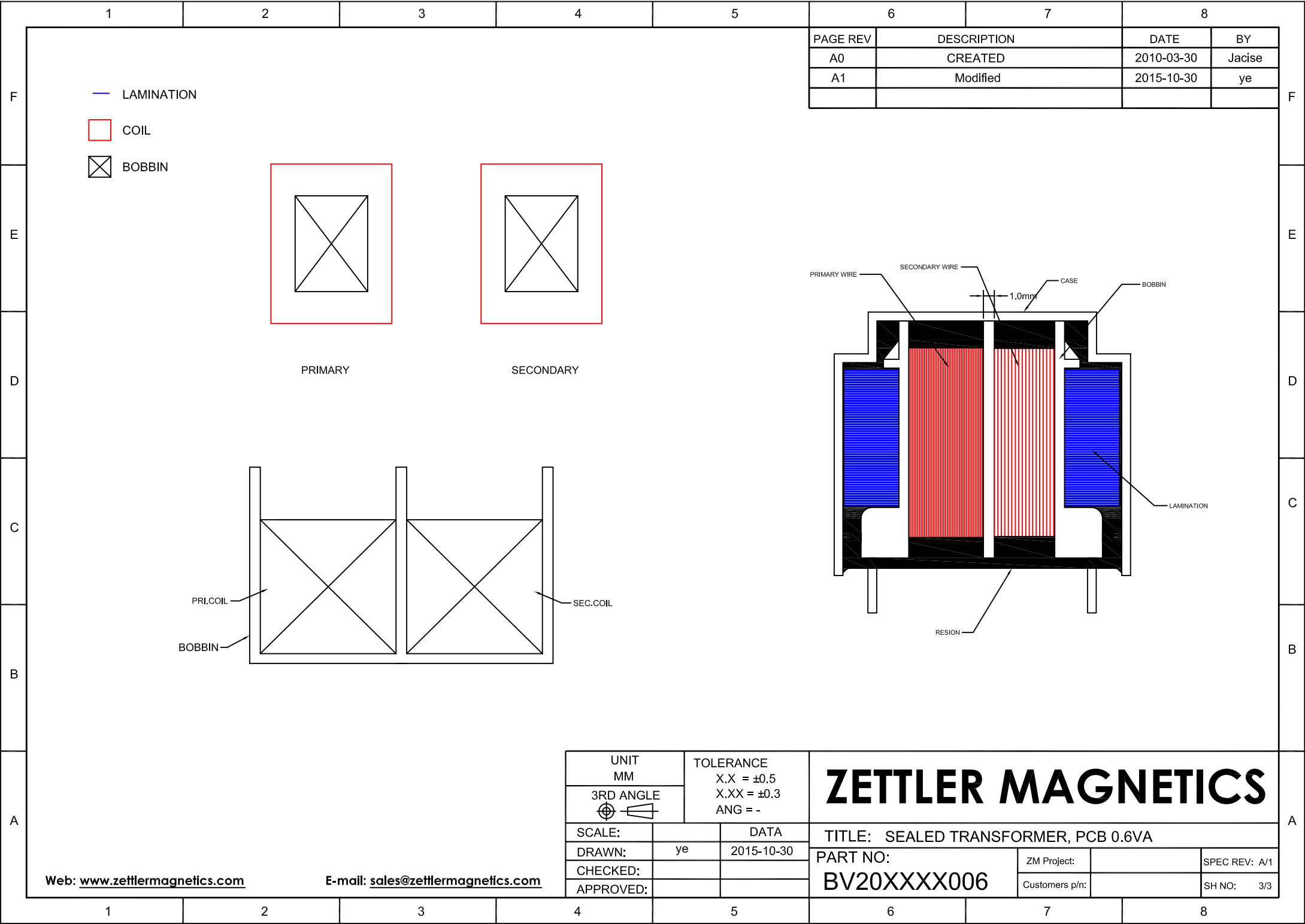
2. MECHANICAL SPECIFICATIONS:



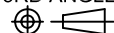
UNIT MM	TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = -	ZETTLER MAGNETICS		
3RD ANGLE 		TITLE: SEALED TRANSFORMER, PCB 0.6VA		
SCALE:	DATA	PART NO:	ZM Project:	SPEC REV: A/1
DRAWN: ye	2015-10-30	BV20XXXX006	Customers p/n:	SH NO 1/3
CHECKED:				
APPROVED:				

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3. SCHEMATIC DIAGRAM:													
Input Output Single output Input Output Dual outputs													
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 3RD ANGLE SCALE: DRAWN: ye CHECKED: APPROVED: TOLERANCE X.X = ±0.5 X.XX = ±0.3 ANG = - DATA 2015-10-30 <td colspan="8">ZETTLER MAGNETICS</td>				ZETTLER MAGNETICS									
				TITLE: SEALED TRANSFORMER, PCB 0.6VA									
				PART NO: BV20XXXX006				ZM Project:				SPEC REV: A/1	
								Customers p/n:				SH NO 2/3	
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3RD ANGLE 		
SCALE:		DATA
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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