

# Specification for approval

<b>Description(产品类型):</b>	Encapsulated transformer
<b>Customer(客户)p/n:</b>	
<b>ZETTLER(赛特勒) p/n:</b>	BV30XXXX006
<b>Revision(版本号):</b>	A2
<b>页 数/Page:</b>	6

**Drafted(制作):** Li xiaoxu

**Checked(审核):** Chen chaolu

**Approved(确认):** He zongnian



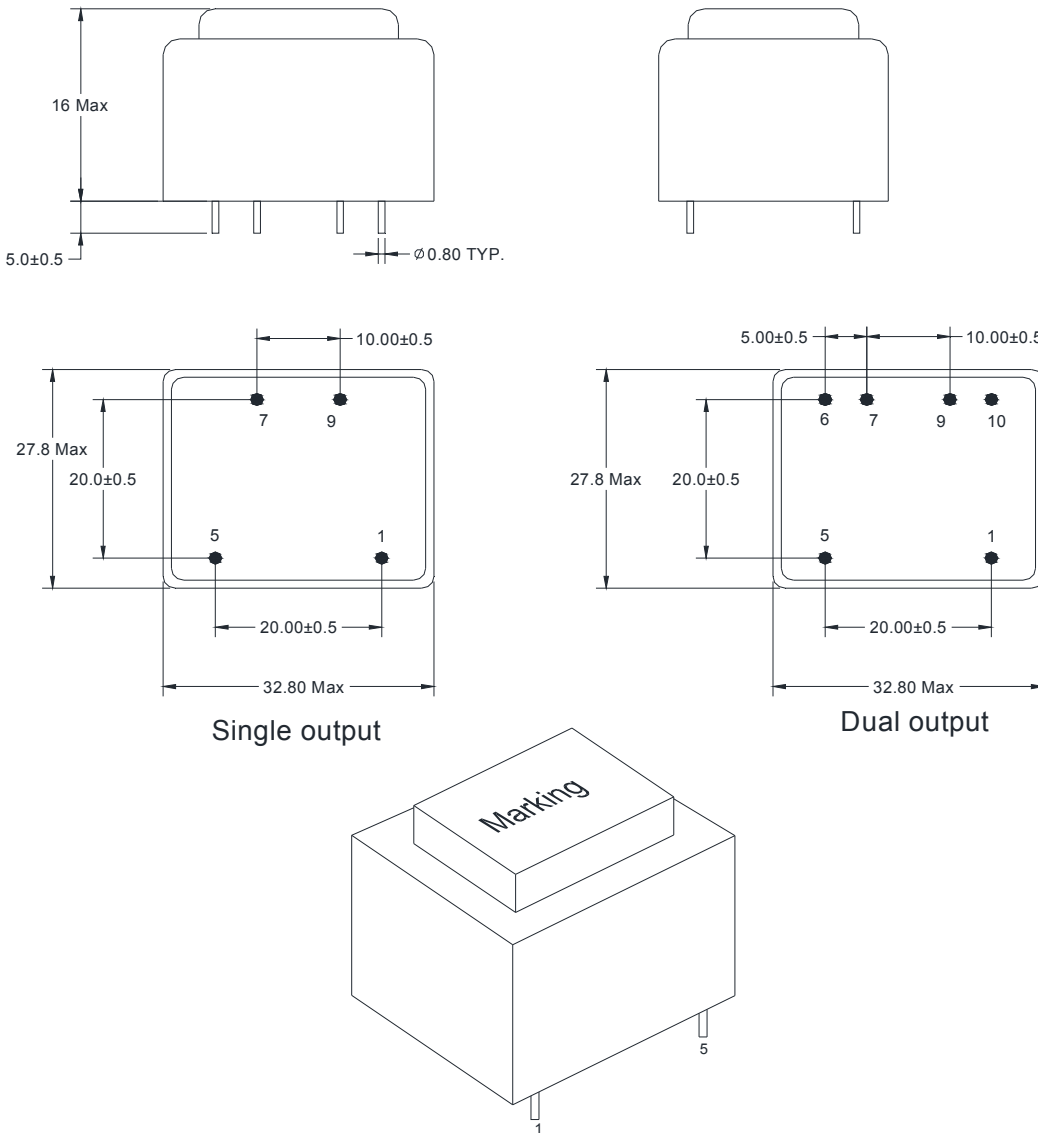
A2	2022/03/04	remove not CE conform parts for EU market	Stöckel
A1	2021/12/20	Merge the data code into the marking	Li xiaoxu
Rev.	Date	Description	Approved

**Approved by Customer (客户确认) :** \_\_\_\_\_

Friendly Reminder: Please help to sign this Spec when approve , and fax to our company .Or else, we will consider you have accepted it and make future order based on this Spec.

友情提示:请在签字确认后,按封面的传真号码回传给赛特勒磁电有限公司.如无回传,则视为默认,后续的相关订单将以按本承认书的规定为技术要求.

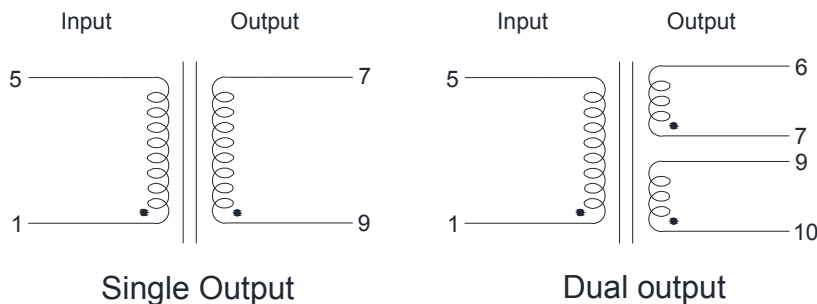
## 1、OUTLINE DRAWING(外形图):UNIT(单位): mm



### Notes :

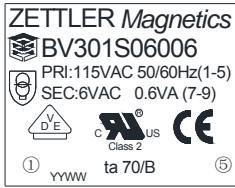
- ◆ PCB opening aperture is recommended to be 1.3mm; (建议 PCB 开孔孔径为 1.3mm)
- ◆ If PIN layout and footprint have slightly deviation, please refer to actual PCB assembly, the ones can be normally inserted into PCB is qualified . (PIN 距、排距尺寸测量有偏差时, 以 PCB 下板实装确认, 可正常下板为合格)
- ◆ The Pin length doesn't include the solder tip (PIN 脚长度不包括锡尖)

## 2、SCHEMATIC(原理图):

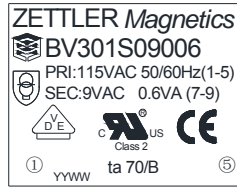


### 3、Marking (标签图)

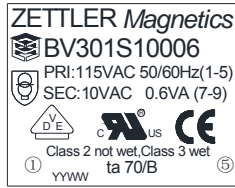
BV301S06006



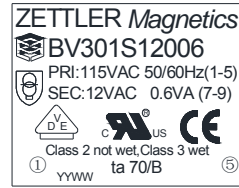
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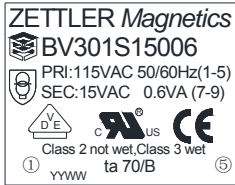
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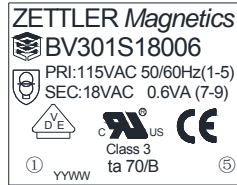
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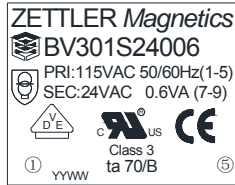
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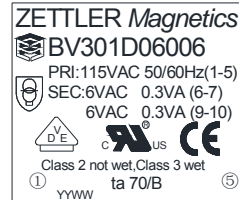
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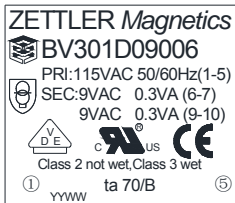
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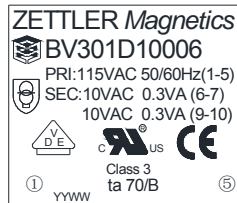
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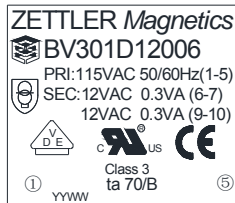
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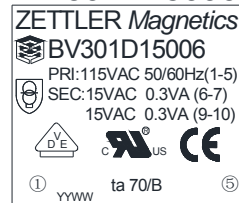
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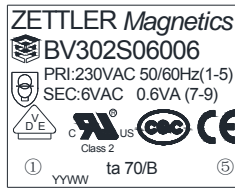
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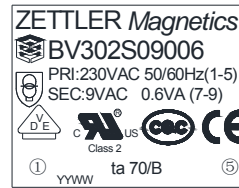
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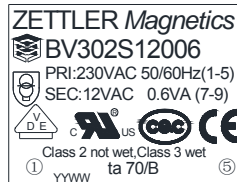
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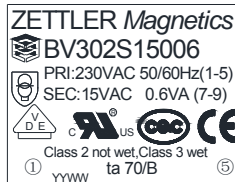
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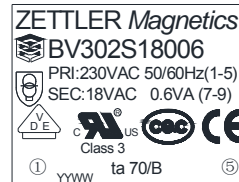
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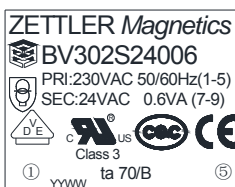
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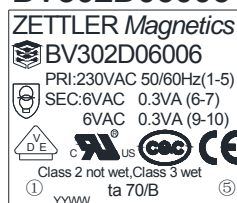
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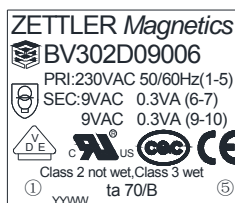
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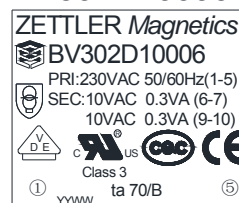
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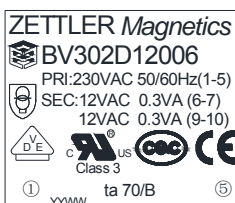
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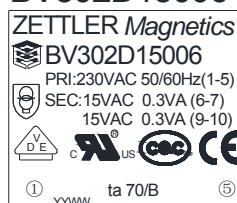
BV302D10006



BV302D12006



BV302D15006



YY:Year WW:Week

## 4-1、ELECTRICAL SPECIFICATION(电气特性测试)(Single Output 单输出):

ITEM (项目)	EXCITATION CURRENT 空载电流(mA) Max	LOSS POWER 空载损耗 (W) Max	RATED LOAD VOLTAGE 负载电压(V)	NO LOAD VOLTAGE 空载电压(V) max	HI-POT VOLTAGE 耐压	INSULATION RESISTANCE 绝缘阻抗	RESISTANCE 直流电阻(Ω)	
测试条件 TEST CONDITION	Input 输入:115V 50Hz		Input 输入:115V 50Hz		1mA/1S/ 50Hz	DC 500V 100MΩ	Ta=25℃	
端子 TERMINAL	1--5		7--9	7--9	P--S	P--S	1--5	7--9
BV301S06006	32	1.9	6.3±10%@ 100mA	10.5	2800V	DC 500V 100MΩ MIN	1900±30%	24.5±30%
BV301S09006	32	1.9	9.5±10%@ 66mA	15.8			1900±30%	52±30%
BV301S10006	32	1.9	10±10%@ 60mA	16.5			1900±30%	52±30%
BV301S12006	32	1.9	12.5±10%@ 250mA	20.5			1900±30%	93.3±30%
BV301S15006	32	1.9	15.8±10%@ 40mA	26.5			1900±30%	150±30%
BV301S18006	32	1.9	18.5±10%@ 33mA	30.5			1900±30%	208±30%
BV301S24006	32	1.9	25±10%@ 25mA	40.9			1900±30%	400±30%
测试条件 TEST CONDITION	Input 输入:230V 50Hz		Input 输入:230V 50Hz				1mA/1S/ 50Hz	DC 500V 100MΩ
端子 TERMINAL	1--5		7--9	7--9	P--S	P--S	1--5	7--9
BV302S06006	16	1.9	6.3±10%@ 100mA	10.5	4200V	DC 500V 100MΩ MIN	7600±30%	24.5±30%
BV302S09006	16	1.9	9.5±10%@ 66mA	15.8			7600±30%	52±30%
BV302S10006	16	1.9	10±10%@ 60mA	16.5			7600±30%	52±30%

BV302S12006	16	1.9	12.5±10%@ 250mA	20.5			7600±30%	93.3±30%
BV302S15006	16	1.9	15.8±10%@ 40mA	26.5			7600±30%	150±30%
BV302S18006	16	1.9	18.5±10%@ 33mA	30.5			7600±30%	208±30%
BV302S24006	16	1.9	25±10%@ 25mA	40.9			7600±30%	400±30%

## 4-2、ELECTRICAL SPECIFICATION(电气特性测试)(Dual output 双输出):

ITEM (项目)	EXCITATION CURRENT 空载电流(mA) Max	LOSS POWER 空载损耗 (W)Max	RATED LOAD VOLTAGE 负载电压(V)		NO LOAD VOLTAGE 空载电压(V) max	HI-POT VOLTAGE 耐压	INSULATION RESISTANCE 绝缘阻抗	RESISTANCE 直流电阻(Ω)		
测试条件 TEST CONDITION	Input 输入:115V 50Hz		Input 输入:115V 50Hz			1mA/1S/ 50Hz	DC 500V 100MΩ	Ta=25℃		
端子 TERMINAL	1--5		6--7	9--10	6--7 9--10	P--S	P--S	1--5	6--7	9--10
BV301D06006	32	1.9	6.3±10%@ 50mA	6.3±10% @ 50mA	2×10.5	2800V	DC 500V 100MΩ MIN	1900±30%	51.5±30%	42.7±30%
BV301D09006	32	1.9	9.5±10%@ 33mA	9.7±10% @ 33mA	2×15.5			1900±30%	109.5±30 %	88.9±30%
BV301D10006	32	1.9	10±10%@ 30mA	10±10%@ 30mA	2×16.5			1900±30%	109.5±30 %	88.9±30%
BV301D12006	32	1.9	12.5±10%@ 25mA	12.5±10% @ 25mA	2×20.5			1900±30%	210±30%	173.5±30%
BV301D15006	32	1.9	15±10%@ 20mA	15±10%@ 20mA	2×26.5			1900±30%	323±30%	265±30%

测试条件 TEST CONDITION	Input 输入:230V 50Hz		Input 输入:230V 50Hz			1mA/1S/ 50Hz	DC 500V 100MΩ	Ta=25℃		
端子 TERMINAL	1--5		6--7	9--10	6--7 9--10	P--S	P--S	1--5	6--7	9--10

BV202D06005	12	6.3±10% @ 41.8mA	6.3±10%@ 50mA	6.3±10% @ 50mA	2×10.5	4200V	DC 500V 100MΩ MIN	7600±30%	51.5±30%	42.7±30 %
BV202D09005	12	9.5±10% @ 27.8mA	9.5±10%@ 33mA	9.7±10% @ 33mA	2×15.5			7600±30%	109.5±30%	88.9±30 %
BV202D10005	12	10.5±10 %@ 25mA	10±10%@ 30mA	10±10%@ 30mA	2×16.5			7600±30%	109.5±30%	88.9±30 %
BV202D12005	12	12.5±10 %@ 20.8mA	12.5±10%@ 25mA	12.5±10% @ 25mA	2×20.5			7600±30%	210±30%	173.5±30 %
BV202D15005	12	15.5±10 %@ 16.7mA	15.5±10%@ 20mA	15.5±10% @ 20mA	2×26.5			7600±30%	323±30%	265±30%

### 5、PRECAUTIONS FOR USE (产品使用注意事项):

Ambient temperature range(使用环境温度范围): -25~+70°C

Storage temperature range(保存温度范围): -25~+85°C