

Specification for approval

Description(产品类型):	Encapsulated transformer
Customer(客户)p/n:	
ZETTLER(赛特勒) p/n:	BV30XXXX020
Revision(版本号):	A2
页 数/Page:	6

Drafted(制作): Li xiaoxu

Checked(审核): Chen chaolu

Approved(确认): He zongnian



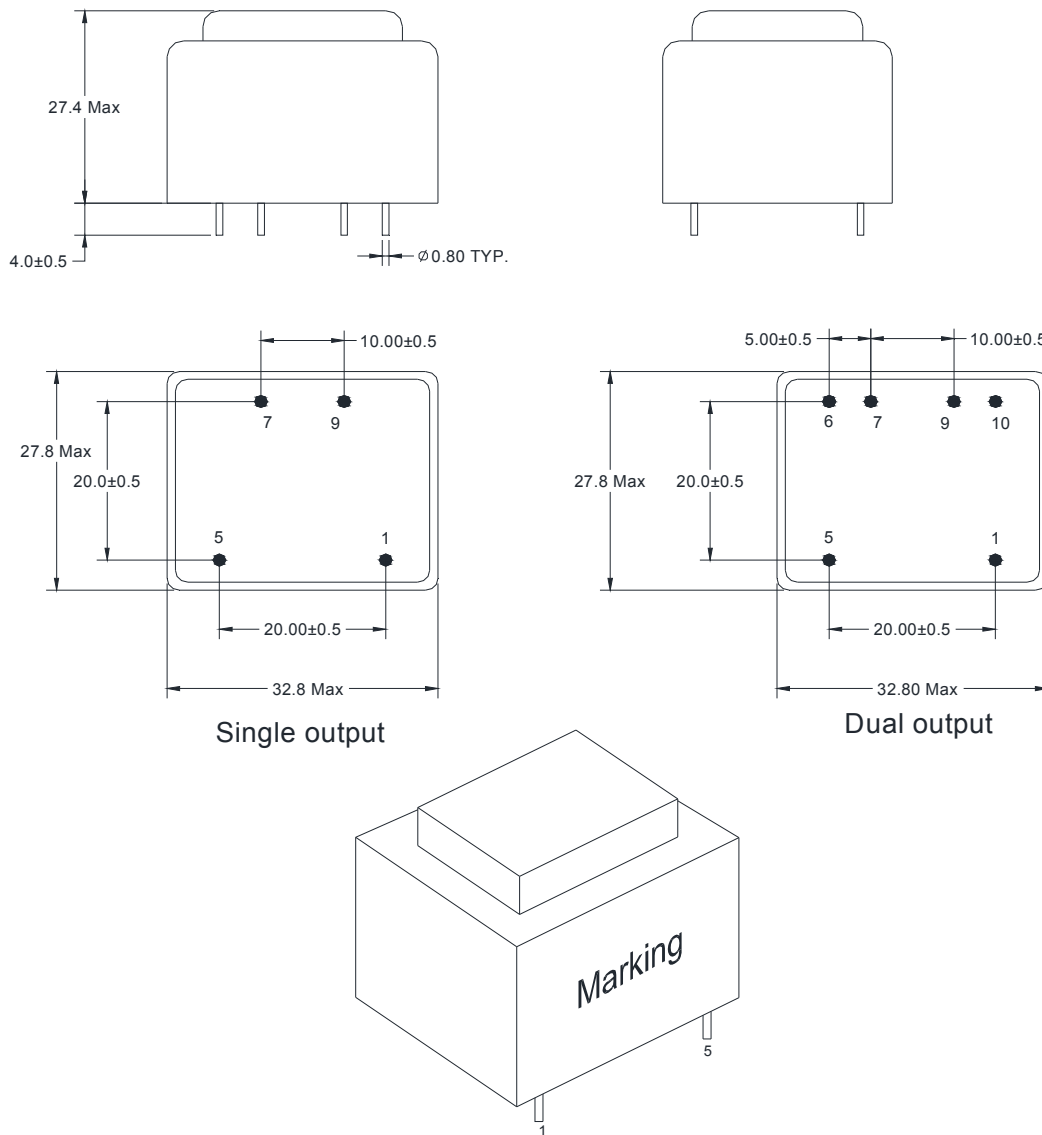
A2	2021/03/04	remove not CE conform parts for EU market	Stöckel
A1	2021/1/7	Merge the data code into the marking	Li xiaoxu
Rev.	Date	Description	Approved

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.

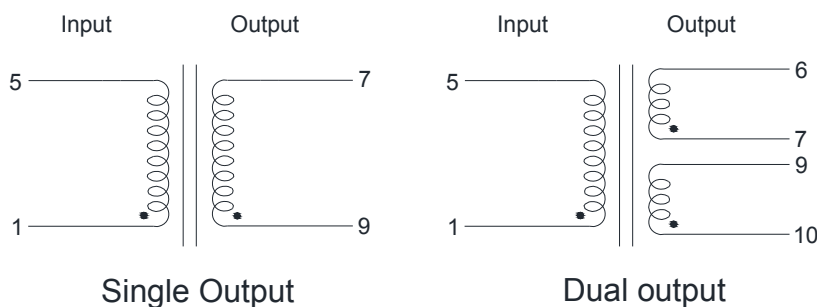
1、OUTLINE DRAWING(外形图):UNIT(单位): mm



Notes :

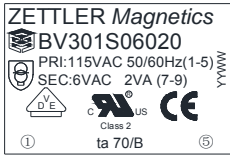
- ◆ PCB opening aperture is recommended to be 1.3mm; (建议 PCB 开孔孔径为 1.3mm)
- ◆ If PIN layout and footprint have slightly deviation, please refer to actual PCB assembly, the ones can be normally inserted into PCB is qualified . (PIN 距、排距尺寸测量有偏差时, 以 PCB 下板实装确认, 可正常下板为合格)
- ◆ The Pin length doesn't include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

2、SCHEMATIC(原理图):

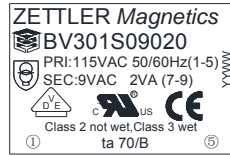


3、Marking (标签图)

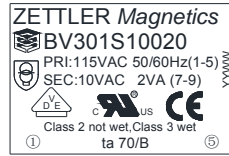
BV301S06020



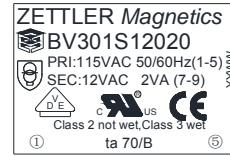
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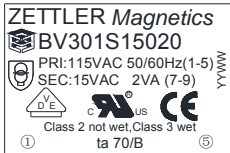
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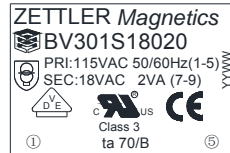
BV301S12020



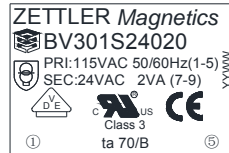
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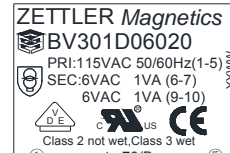
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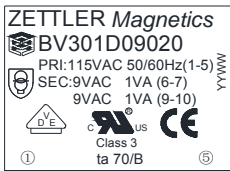
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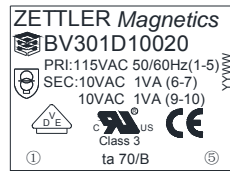
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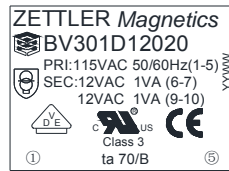
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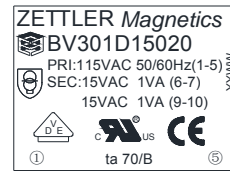
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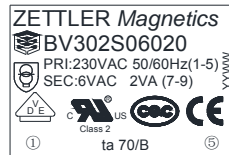
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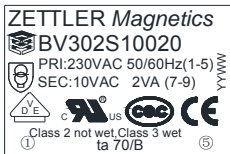
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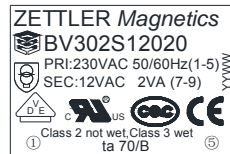
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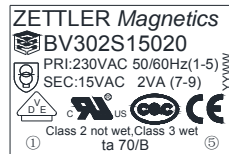
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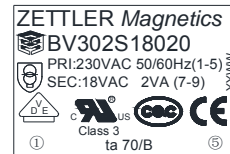
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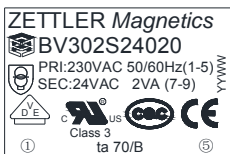
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BV302S18020



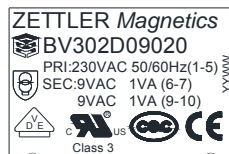
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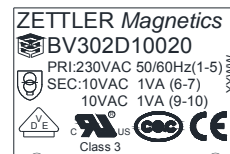
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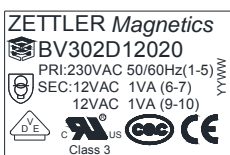
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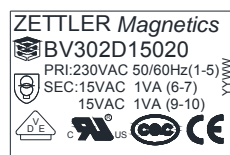
BV302D10020



BV302D12020



BV302D15020



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°C	
端子 TERMINAL	1--5		7--9	7--9	P--S	P--S	1--5	7--9
BV301S06020	22.5	0.8	6.3±10% @ 333mA	10.4	2800V	DC 500V 100MΩ MIN	610±30%	6.7 ± 30%
BV301S09020	22.5	0.8	9±10% @ 222mA	15.5			610±30%	15.5 ± 30%
BV301S10020	22.5	0.8	10±10% @ 200mA	16			610±30%	15.5 ± 30%
BV301S12020	22.5	0.8	12.5±10% @ @ 167mA	20.7			610±30%	24.5 ± 30%
BV301S15020	22.5	0.8	15±10% @ 133mA	25.8			610±30%	43.1 ± 30%
BV301S18020	22.5	0.8	18.5±10% @ @ 111mA	30.8			610±30%	58.5 ± 30%
BV301S24020	22.5	0.8	24.5±10% @ @ 83mA	41.4			610±30%	109.2 ± 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
BV302S06020	11	0.8	6.3±10% @ 333mA	10.4	4200V	DC 500V 100MΩ MIN	2420±30%	6.7 ± 30%
BV302S09020	11	0.8	9±10% @ 222mA	15.5			2420±30%	15.5 ± 30%
BV302S10020	11	0.8	10±10% @ 200mA	16			2420±30%	15.5 ± 30%

BV302S12020	11	0.8	12.5±10% @ 167mA	20.7			2420±30%	24.5 ± 30%
BV302S15020	11	0.8	15.5±10% @ 133mA	25.8			2420±30%	43.1 ± 30%
BV302S18020	11	0.8	18.5±10% @ 111mA	30.8			2420±30%	58.5 ± 30%
BV302S24020	11	0.8	24.5±10% @ 83mA	41.4			2420±30%	109.2 ± 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 E 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
BV301D06020	22.5	0.8	2×6.3±10% @ 2×167mA	2×10.4	2800V	DC 500V 100MΩ MIN	610±30%	13.9±30%	12.4±30%
BV301D09020	22.5	0.8	2×9±10% @ 2×111mA	2×15.4			610±30%	31.5±30%	27.5±30%
BV301D10020	22.5	0.8	2×10±10% @ 2×100mA	2×16.0			610±30%	31.5±30%	27.5±30%
BV301D12020	22.5	0.8	2×12.5±10% @ 2×83mA	2×20.7			610±30%	57.1±30%	50.5±30%
BV301D15020	22.5	0.8	2×15±10% @ 2×67mA	2×25.0			610±30%	84.8±30%	75.2±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
BV302D06020	11	0.8	2×6.3±10% @ 2×167mA	2×10.4	4200V	DC 500V 100MΩ MIN	2420±30%	13.9±30%	12.4±30%
BV302D09020	11	0.8	2×9±10% @ 2×111mA	2×15.4			2420±30%	31.5±30%	27.5±30%
BV302D10020	11	0.8	2×10±10% @ 2×100mA	2×16.0			2420±30%	31.5±30%	27.5±30%
BV302D12020	11	0.8	2×12.5±10% @ 2×83mA	2×20.7			2420±30%	57.1±30%	50.5±30%
BV302D15020	11	0.8	2×15.5±10% @ 2×67mA	2×25.0			2420±30%	84.8±30%	75.2±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℃

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