

Specification for approval

Description(产品类型):	Encapsulated transformer
Customer(客户)p/n:	
ZETTLER(赛特勒) p/n:	BV30XXXX028
Revision(版本号):	A2
页 数/Page:	6

Drafted(制作): Li xiaoxu

Checked(审核): Chen chaolu

Approved(确认): He zongnian



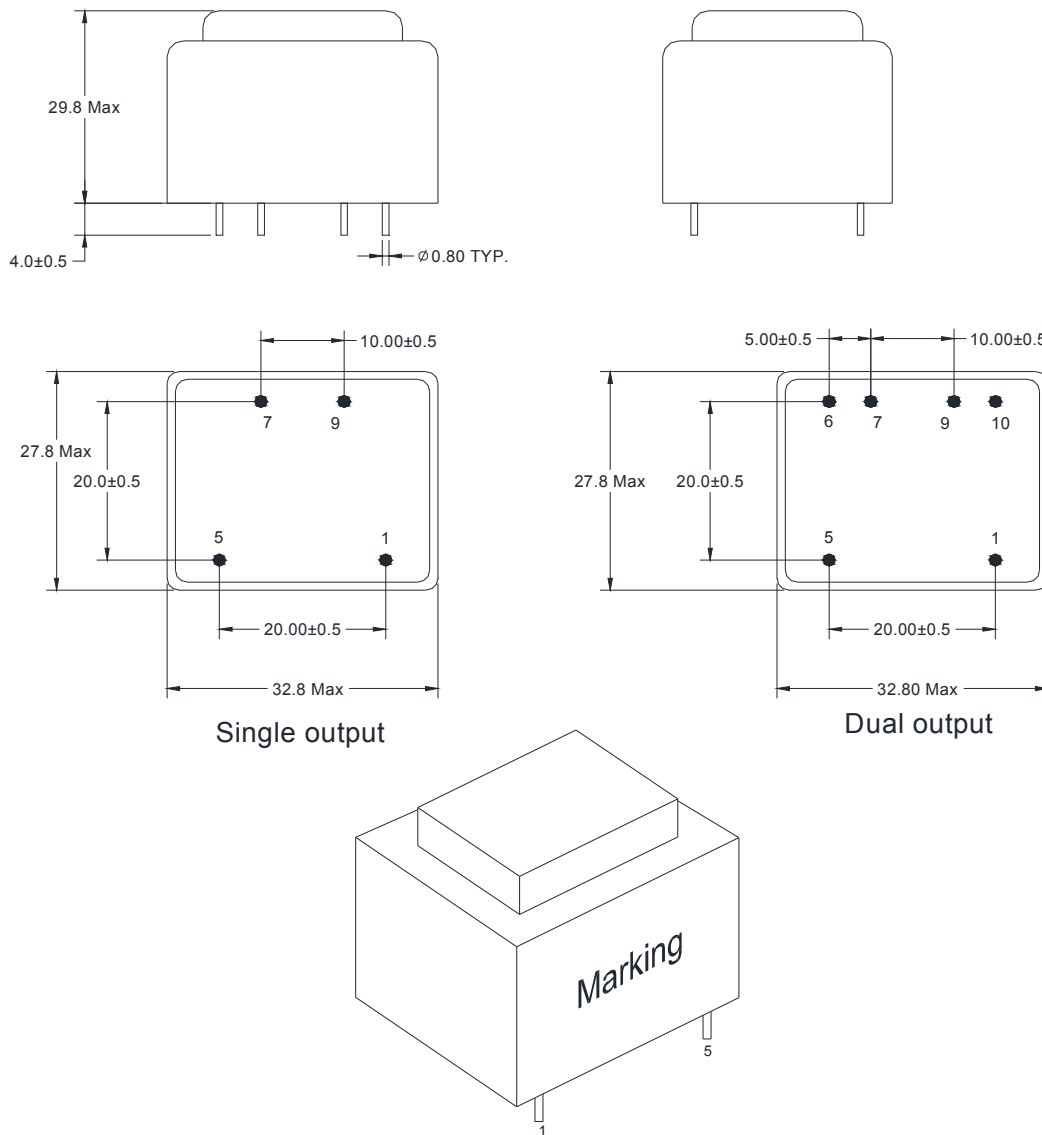
A2	2021/03/04	remove not CE conform parts for EU market	Stöckel
A1	2021/6/11	Merge the data code into the marking	Li xiaoxu
Rev.	Date	Description	Approved

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.

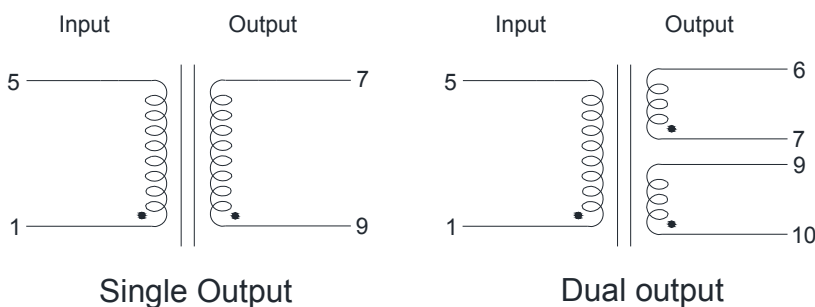
1、OUTLINE DRAWING(外形图):UNIT(单位): mm



Notes :

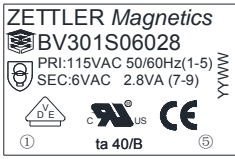
- ◆ PCB opening aperture is recommended to be 1.3mm; (建议 PCB 开孔孔径为 1.3mm)
- ◆ If PIN layout and footprint have slightly deviation, please refer to actual PCB assembly, the ones can be normally inserted into PCB is qualified . (PIN 距、排距尺寸测量有偏差时, 以 PCB 下板实装确认, 可正常下板为合格)
- ◆ The Pin length doesn't include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

2、SCHEMATIC(原理图):

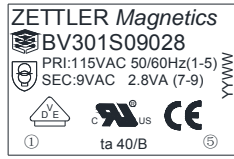


3、Marking (标签图)

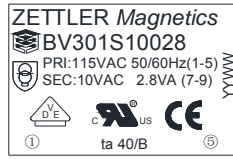
BV301S06028



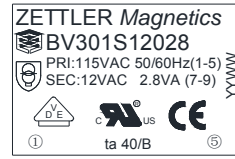
BV301S09028



BV301S10028



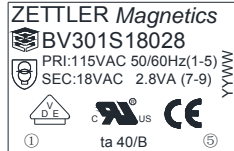
BV301S12028



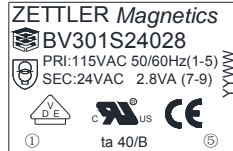
BV301S15028



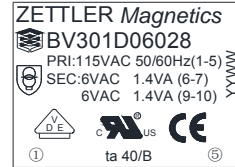
BV301S18028



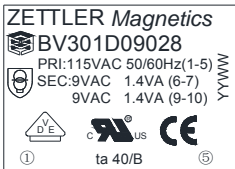
BV301S24028



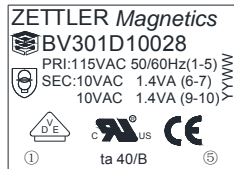
BV301D06028



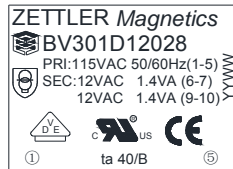
BV301D09028



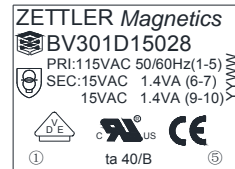
BV301D10028



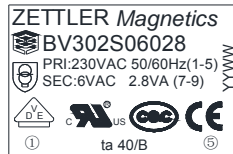
BV301D12028



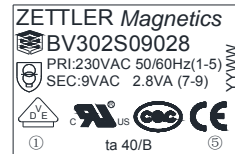
BV301D15028



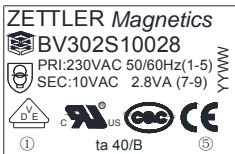
BV302S06028



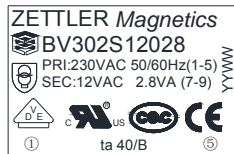
BV302S09028



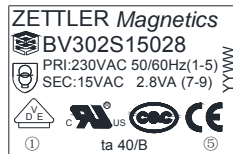
BV302S10028



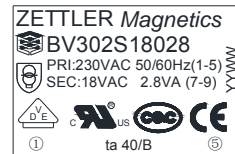
BV302S12028



BV302S15028



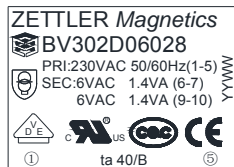
BV302S18028



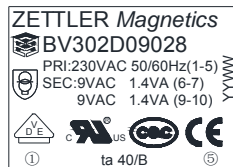
BV302S24028



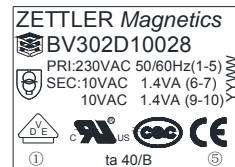
BV302D06028



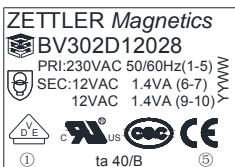
BV302D09028



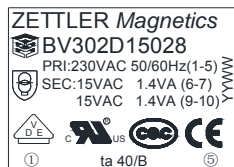
BV302D10028



BV302D12028



BV302D15028



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
BV301S06028	24	0.9	6±10% @ 467mA	10.8	2800V	DC 500V 100MΩ MIN	525±30%	5±30%
BV301S09028	24	0.9	9±10% @ 311mA	15.4			525±30%	10.5±30%
BV301S10028	24	0.9	10±10% @ 280mA	16.5			525±30%	10.5±30%
BV301S12028	24	0.9	12±10% @ 233mA	21.1			525±30%	20.2±30%
BV301S15028	24	0.9	15±10% @ 187mA	26.3			525±30%	31±30%
BV301S18028	24	0.9	18±10% @ 156mA	30.9			525±30%	40.2±30%
BV301S24028	24	0.9	24±10% @ 117mA	43.5			525±30%	79.4±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
BV302S06028	13.5	0.9	6±10% @ 467mA	10.8	4200V	DC 500V 100MΩ MIN	2100±30%	5.2±30%
BV302S09028	13.5	0.9	9±10% @ 311mA	15.4			2100±30%	10.5±30%
BV302S10028	13.5	0.9	10±10% @ 280mA	16.5			2100±30%	10.5±30%

BV302S12028	13.5	0.9	12±10% @ 233mA	21.1			2100±30%	20.2±30%
BV302S15028	13.5	0.9	15±10% @ 187mA	26.3			2100±30%	31±30%
BV302S18028	13.5	0.9	18±10% @ 156mA	30.9			2100±30%	40.2±30%
BV302S24028	13.5	0.9	24±10% @ 117mA	43.5			2100±30%	79.4±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
BV301D06028	24	0.9	2×6±10%@ 2×233mA	2×10.8	2800V	DC 500V 100MΩ MIN	525±30%	10.5±30%	9.5±30%
BV301D09028	24	0.9	2×9±10%@ 2×156mA	2×15.4			525±30%	21.6±30%	19.3±30%
BV301D10028	24	0.9	2×10±10%@ 2×140mA	2×16.5			525±30%	21.6±30%	19.3±30%
BV301D12028	24	0.9	2×12±10%@ 2×117mA	2×21.1			525±30%	43.5±30%	37.2±30%
BV301D15028	24	0.9	2×15±10%@ 2×93mA	2×26.3			525±30%	63.3±30%	56.4±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
BV302D06028	13.5	0.9	2×6±10%@ 2×233mA	2×10.8	4200V	DC 500V 100MΩ MIN	2100±30%	10.5±30%	9.5±30%
BV302D09028	13.5	0.9	2×9±10%@ 2×156mA	2×15.4			2100±30%	21.6±30%	19.3±30%
BV302D10028	13.5	0.9	2×10±10%@ 2×140mA	2×16.5			2100±30%	21.6±30%	19.3±30%
BV302D12028	13.5	0.9	2×12±10%@ 2×117mA	2×21.1			2100±30%	43.5±30%	37.2±30%
BV302D15028	13.5	0.9	2×15±10%@ 2×93mA	2×26.3			2100±30%	63.3±30%	56.4±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~+40℃

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