

Specification for approval

Description(产品类型):	Encapsulated transformer
Customer(客户)p/n:	
ZETTLER(赛特勒) p/n:	BV302SXX012
Revision(版本号):	A4
页 数/Page:	3

Drafted(制作): Li xiaoxu

Checked(审核): Chen chaolu

Approved(确认): He zongnian



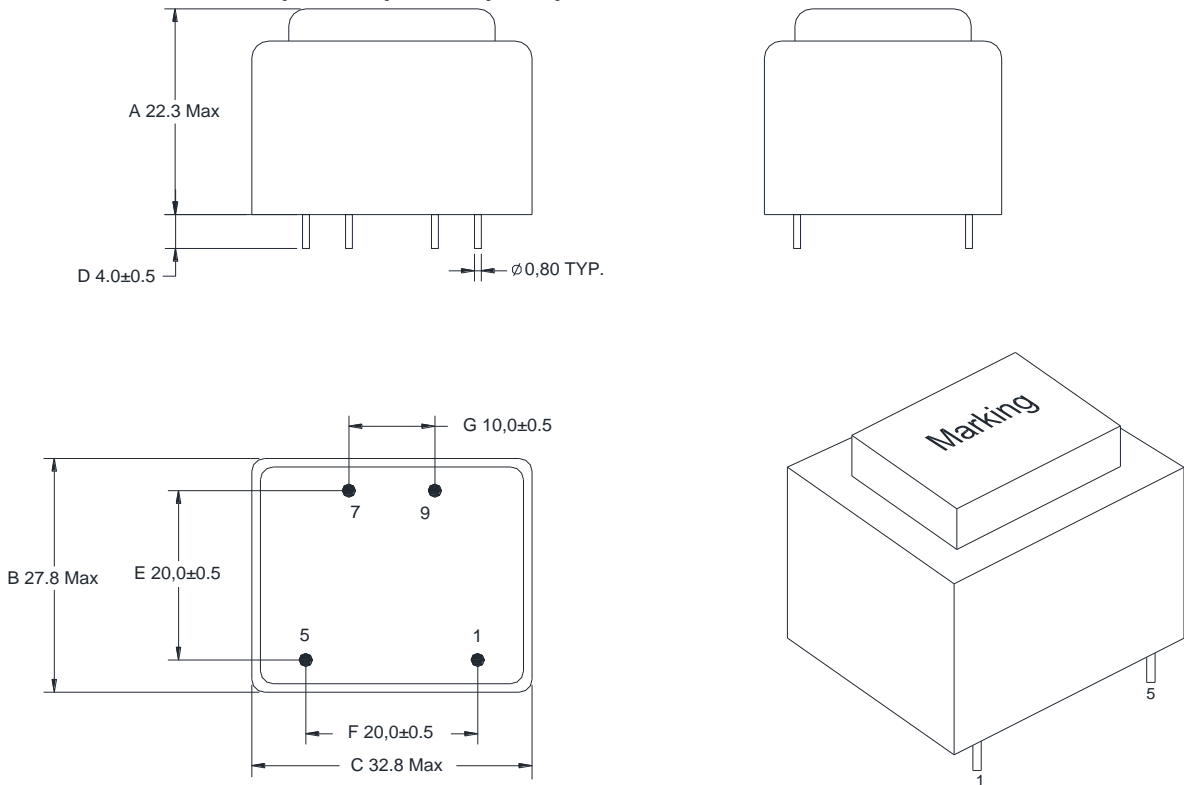
Rev.	Date	Description	Approved
A4	2021/12/9	Add VDE and UL ambient TEMP. in the marking	Li xiaoxu
A3	2021/11/25	Add VDE and UL ambient TEMP. in the precautions for use.	Li xiaoxu
A2	2021/11/4	Add VDE logos into marking	Li xiaoxu
A1	2021/9/30	Merge the data code into the marking	Li xiaoxu

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.

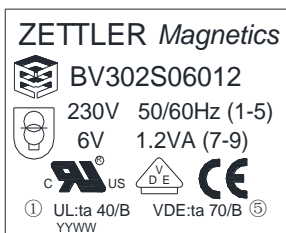
1、OUTLINE DRAWING(外形图):UNIT(单位): mm



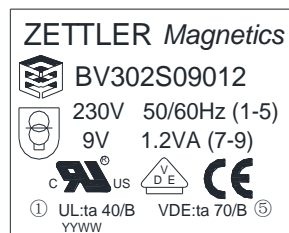
Notes :

- ◆ 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)

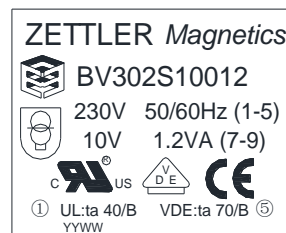
2、Marking (标签图)



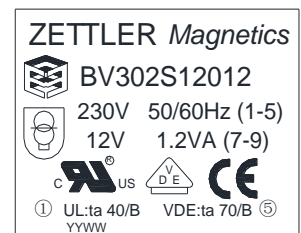
BV302S06012



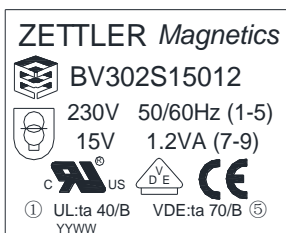
BV302S09012



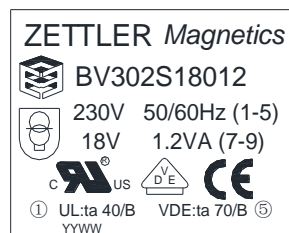
BV302S10012



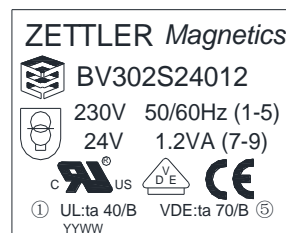
BV302S12012



BV302S15012



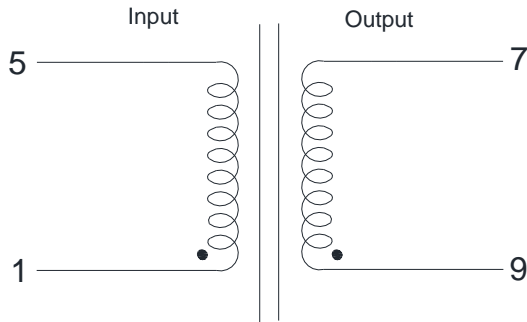
BV302S18012



BV302S24012

YY:Year WW:Week

3、SCHEMATIC(原理图):



4、ELECTRICAL SPECIFICATION(电气特性测试):

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:230V 50Hz		Input 输入:230V 50Hz		1mA/1S/ 50Hz	DC 500V 100MΩ	Ta=25℃	
端子 TERMIANL	1--5		7--9	7--9	P--S	P--S	1--5	7--9
BV302S06012	15	0.8	6.3±10% @ 200mA	9.3	4200V	DC 500V 100MΩ MIN	3300±20%	7.4±20%
BV302S09012	15	0.8	9.5±10% @ 133mA	17			3300±20%	18.5±20%
BV302S10012	15	0.8	10.5±10% @ 120mA	17			3300±20%	18.5±20%
BV302S12012	15	0.8	12.5±10% @ 100mA	18.5			3300±20%	29±20%
BV302S15012	15	0.8	15.5±10% @ 80mA	21.5			3300±20%	47±20%
BV302S18012	15	0.8	18.8±10% @ 66.7mA	26.5			3300±20%	66±20%
BV302S24012	15	0.8	25±10% @ 50mA	36			3300±20%	127±20%

5、PRECAUTIONS FOR USE (产品使用注意事项):

- Ambient temperature range(使用环境温度范围): -20~+70℃
- Storage temperature range(保存温度范围): -20~+85℃
- Ambient TEMP.(VDE): ta 70/B
- Ambient TEMP.(UL): ta 40/B