

产品规格书

PRODUCT SPECIFICATION

客户名称 Customer: Ozdisan

产品名称 Product: POWER Transformer

型 号 Model: XP301-149

客户料号 Customer part No:

日 期 Date: 2021-11-26

盱眙欧歌电子有限公司

XUYI OUGE ELECTRONIC CO.,LTD

中山市三芯电子有限公司

ZHONGSHAN SANCORE ELECTRONIC CO.,LTD

客户 Customer	客户料号 Customer part No		规格型号 Specification and Model	版本 Edition
三芯			XP301-149	A0
修订记录 Revision record	发行日期 Issue Date	版本 Edition	变更内容	
	2021.11.2 6	A ₀	首次发行 Initial issue	

客户名称 Customer	OZDISAN		生产单位 Supplier	盱眙欧歌/中山三芯
产品名称 Product	Power transformer	规格型号 Specification and Model	XP301-149	
1、外形尺寸图 Dimension drawing: 未注公差 No tolerance noted±0.5mm (单位 Unit: mm)			2、电气原理图 Electrical schematic diagram	

3、主要技术指标 Main technical specifications

名称 Name	测量端 Test terminal	测试条件 Test condition	测量值 Measured value	备注 Remark
空载电流 No-load current	1-5	230VAC /50Hz	≤20.0mA	25℃
空载电压 No-load voltage	7-9		21±5%V	
负载电压 Load voltage	7-9	负载电流 Load current 300mA AC	12.0±5%V	
直流电阻 DC Resistance	1-5		1.6KΩ±20%	
直流电阻 DC	7-9		14.8Ω±20%	

Resistance				
交流耐压 AC Hi-pot	1-5 对 to7-9	3.75KV 50Hz 60S	不击穿、不跳火 No breakdown, No flash over	漏电流 Leakage current ≤ 1mA
绝缘电阻 Insulation Resistance	1-5 对 to7-9	DC500V	常态 normal behavior ≥ 100MΩ	无飞弧和击穿 No flash over, No breakdown
温升 Temperature rise	230VAC /50Hz, 负载电流 Load current 300mA, 持续 4 小时 for 4 hours		< 55K	
感应电压 Induced voltage	变压器初级输入 AC460V/100Hz 交流电压 15 秒时, 空载电流无显著增大现象 When the primary input voltage of transformer is AC460v / 100Hz for 15 seconds, the No-load current does not increase significantly			
绝缘等级 Insulation class	B 级 B Class			
产品外观 Product appearance	外壳为红褐色, 外观整洁、无污迹, 表面无损伤, 字迹清晰, 引脚整齐、光滑。 The shell is reddish brown, with neat appearance, no stain, no damage on the surface, clear handwriting, neat and smooth pins.			
4、检验 Test				
<p>4.1 空载电流、空载电压、负载电压、交流耐压、针脚安装尺寸、外观为生产线 100%全检出厂 The no-load current, no-load voltage, load voltage, AC withstand voltage, pin installation size and appearance are 100% inspected by the production line before leaving the factory.</p> <p>4.2 依据 GB2828.1-2012 计数抽样检验程序--逐批检验抽样计划, 一般检查水平 II, 按照《成品检验标准》, 由品管部对 9.1 条所列项目, 及感应电压、绝缘电阻、温升、端子强度、外形尺寸等做抽样检测。 According to GB2828.1-2012 sampling procedure for inspection by attributes - sampling plan for batch by batch inspection, general inspection level II, standard for inspection of finished products, the quality control department shall conduct sampling inspection on the items listed in Article 9.1, and inductive voltage, insulation resistance, temperature rise, terminal strength, overall dimensions, etc.</p> <p>4.3 其他项目按照《产品可靠性试验标准》等做周期性试验(每月一次), 由第三方机构每年进行一次 RoHS 检测 Other projects shall be tested periodically (once a month) according to the product reliability test standard, and RoHS inspection shall be conducted by the third party once a year.</p>				
制造商 Supplier	XUYI OUGE/ZHONGSHAN SAN CORE	客户单位 Customer	OZDISAN	

拟 制 Made		确 认 Comfirm	
批 准 Approval			

5、产品质量控制要求 Product quality control requirements

5.1.电气性能应符合技术要求

The electrical performance shall meet the technical requirements

5.2 外观,外形尺寸:变压器不应有锈蚀、裂痕或其它机械损伤;标志应清晰、牢固;线圈与铁芯的装配应牢固、无松动。外形尺寸、安装尺寸及各引出端位置应符合图纸要求

Appearance and dimension: the transformer shall be free from rust, crack or other mechanical damage; the mark shall be clear and firm; the assembly of coil and iron core shall be firm without looseness. The overall dimension, installation dimension and position of each lead out end shall meet the requirements of the drawing.

5.3 端子强度:任一引出端应能承受 20N 拉力保持 10S,端子无脱落,断裂现象

Terminal strength: any lead out terminal shall be able to withstand 20N tensile force for 10s, and the terminal shall not fall off or break

5.4 可焊性 Solderability

在温度 $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$,时间 $2\text{S} \pm 0.5\text{S}$ 下,焊脚浸入深度 $2.0\text{mm} \sim 2.5\text{mm}$,试验后焊接端子应挂有良好的焊锡镀层。When the temperature is $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and the time is $2\text{S} \pm 0.5\text{s}$, the immersion depth of the welding leg is $2.0\text{ mm} \sim 2.5\text{ mm}$. After the test, the welding terminal should be hung with good solder coating.

6、运输及存储要求 Transportation and storage requirements

6.1.包装 Packing 变压器包装应避免在运输中受潮与损伤

The packaging of transformer should avoid dampness and damage during transportation

6.2.运输 Transportation 变压器在运输过程中应小心轻放，避免碰撞和敲击，严禁与酸碱等腐蚀物质放一起。The transformer should be handled with care during transportation to avoid collision and knocking. It is strictly forbidden to put it together with acid, alkali and other corrosive substances.

6.3.贮存 Storage 变压器应贮存在清洁、通风良好的库房内，且空气中无腐蚀性气体。

The transformer shall be stored in a clean and well ventilated warehouse without corrosive gas in the air.

7、包装示意图 Packing diagram

产品采用吸塑盘，双层瓦楞纸箱包装。纸箱为中性包装 D125，纸箱外尺寸为：340*250*135mm 每层 35 台，4 层，上下各放一个垫板，140 台/箱,约重 20.5kg，外箱标签：尺寸 53*80mm 白色,粘贴于箱子两侧 The products are packed in double-layer corrugated cartons and plastic disks. The carton is neutral packing D125, and the outer size of the carton is 330*245*130mm

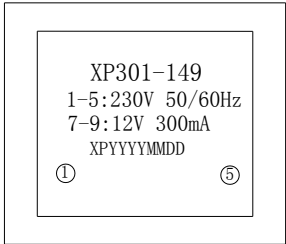
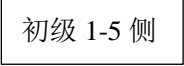
Each layer has 35 pcs, 4layers, one base plate is placed at the top and bottom respectively, 140 pcs / box, weighing about 20.5kg, label of outer box: size 53 * 80mm, white, pasted on both sides of the box.



图片仅供包装参考，实际外壳颜色为红褐色 The picture is for packaging reference only, and the actual shell color is reddish brown

8、材料清单 Material List

1	骨架 Bobbin	EI3023/PBT 白色)	长春塑胶、新泰市沃得或相当
2	漆包线 Enameled wire	2UEW155℃	珠海一致，浙江洪波或相当
3	矽钢片 Silicon steel sheet	EI30(0.5mm)	济南锦奥、江阴恒通或相当
4	锡条 Tin bar	环保 SC07	天津松本或相当
5	外壳 Shell	EI3023/PBT(红褐色)	长春塑胶、泰市沃得或相当
6	胶水 Potting glue	黑色	天津滨海津丽、广州市百庄

客户名称 Customer	OZDISAN	生产单位 Supplier	XUYI OUGE/ZHONGSHAN SANCORE
产品名称 Product	电源变压器 Power transformer	规格型号 Specification and Mode	XP301-149
<p>1. 物料名称: 电源变压器</p> <p>2. 物料型号: XP301-149</p> <p>3. 物料编码:</p> <p>4. 物料规格: 230V/50Hz 12V/300mA</p> <p>5. 生产商: XUYI OUGE</p> <p>6. 颜色及标识:</p> <p>1) 颜色: 外壳为红褐色, 灌胶面为黑色</p> <p>2) 激光打码: 如下图所示; YYYMMDD 为批号年月日</p> <div style="text-align: center;">  <p>XP301-149 1-5:230V 50/60Hz 7-9:12V 300mA XPYYMMDD ① ⑤</p> </div> <p>7. 该产品符合 RoHS 标准</p> <div style="text-align: center;">  <p>初级 1-5 侧</p> </div>			
制造商	XUYI OUGE/ZHOHGSAN SANCORE	客户单位	OZDISAN
拟 制		确 认	

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