



产品承认书

SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRCD54-300K/601K

我司品名:

OUR PART NAME

SMD THREE PIN POWER INDUCTOR

送样日期:

DATE SAMPLES

数量:

QUANTITY

制造确认 MANUFACTURER APPROVE

拟制 DRAWN	审核 CHECKED	确认 APPROVED
Hufangting	RaoPing	ZhongCuilan

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION:

XRCD54 30uH:600uH 0.1 wire

检查结果: ☐ 合格 ☐ 不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司, 本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgment, please raise it or send the mark to us. The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

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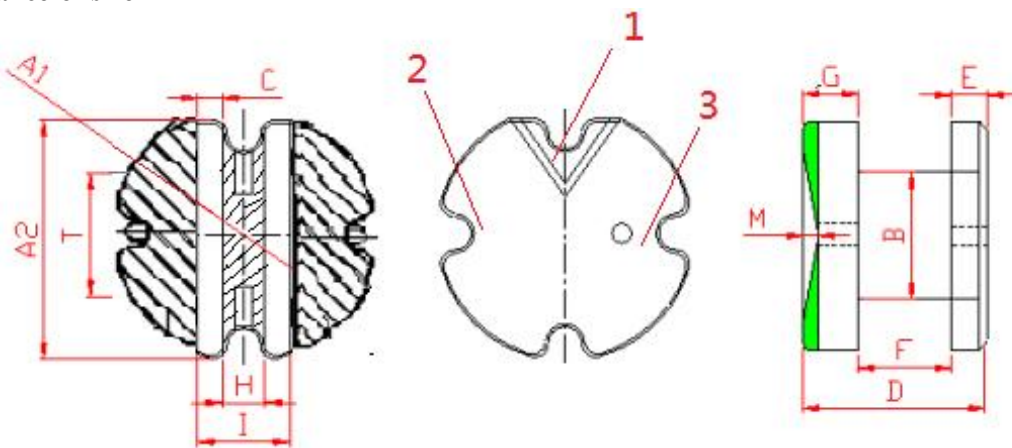
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SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER		日期 DATE	2025/04/20
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	XRCD54 30uH:600uH 0.1 wire
我司物料编号 OUR PART NO	XRCD54-300K/601K	我司品名 OUR PART NAME	SMD THREE PIN POWER INDUCTOR

外观尺寸 Appearance of size

单位 Unit: mm



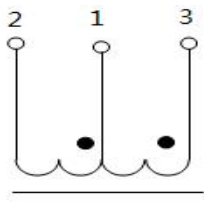
底部锡面图
(阴影区为锡面区)

正面俯视图

剖面图

A1	A2	B	D	E	F	G
5.90±0.3	5.10±0.3	2.50±0.3	4.50±0.3	0.88±0.3	2.00±0.3	1.20±0.3
C	H	T	I	M		
0.90±0.30	1.04±0.3	3.00±0.3	2.80±0.3	0.10±0.3		

电气原理图Electrical schematics:



注:1. 2. 3为绕线脚位, 1为公共脚位居中, 1-2脚位感量为30uH, 1-3脚位感量为600uH;

Note: 1.2.3 is the winding foot position, 1 is the common foot position in the center, 1-2 foot position sense for 30uH, 1-3 foot position sense for 600uH.

绕线结构表 Winding Structure Diagram :

绕组 WINDING	起始 S	结束 F	漆包线 WIRE	圈数 TURNS		绕制方式 WINDINGWAY
N1	1	3	2UEW Φ0.1mm	152.5TS	reference	
N2	1	2	2UEW Φ0.1mm	33.5TS	reference	

备注: 1. 中间长条焊锡面为公共脚;

1.The middle long soldering surface is the common leg;



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Electrical characteristics 电气特性:

测试项目 TEST PROJECT	电性范围 SPEC	测试条件 TEST FREQ	测试仪器 TEST STRUMENTS
电感量L1	1-2: 30uH $\pm 10\%$	at 25℃ 1KHz/0.25V	CH1068+1310
饱和电流IDC	1-2: 1.3A($\geq 90\%$)	at 25℃ 1KHz/0.25V	502BC
直流电阻DCR	1-2: 0.75 Ω Max	at 25℃ 1KHz/0.25V	502BC
电感量L2	1-3: 600uH $\pm 10\%$	at 25℃ 1KHz/0.25V	CH1068+1310
饱和电流IDC	1-3: 0.32A($\geq 90\%$)	at 25℃ 1KHz/0.25V	502BC
直流电阻DCR	1-3: 4.5 Ω Max	at 25℃ 1KHz/0.25V	502BC

材料说明Description of materials:

序号NO	项目 sportsevent	材料规格型号 Material specifications	生产厂家 manufacturer (of a product)	备注note
1	磁芯 magnetic core	CD54	XR CO.,LTD 或等同厂家	
2	导线 guidewire	2UEW 180℃	DONG YANG CO ., LTD SHANGHAI ASLA PACIFIC ELECTRIC CO LTD 或等同厂家	E102761(S) E214423

说明performances:

项目 sports event	性能 performances	试验方法
绝缘电阻electrical insulationresistance	100M Ω 以上	在磁芯与绕组间施加100V直流电压持续5分钟后 After applying 100V DC voltage between the core and winding for 5 minutes
使用温度 operating temperature	包括产品自身发热温度 Including the product's own heating temperature	(-40℃~100℃)
存储温度特性Storage Temperature Characteristics	产品外观无异常特性规格范围内Appearance of the product is not abnormal Characteristics within the range of specifications	(-40℃~100℃)
耐湿特性 Moisture resistance	产品外观无异常特性规格范围内Appearance of the product is not abnormal Characteristics within the range of specifications	1. Temperature : 40 ± 2 ℃; 2. Humidity : 90℃~95℃; 3. Time: 96 ± 2 小时

推荐焊接温度曲线图

Recommended Welding Temperature Graph:

