

JURCC 广东捷威电子有限公司

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客户名称 Customers	
样品名称 Sample Name	吸收电容器 Style5
我司规格 Our Specifications	
我司料号 Our Part Number	
客户规格 Cus Specifications	
客户料号 Cus Part Number	
送样日期 DATE	
我司承认章 Confirmation	
客户承认章 Confirmation	
广东捷威电子有限公司 GUANGDONG JURCC ELECTRONICS CO; LTD. 地址： 广东省鹤山市址山镇龙翔路8号之十九A23栋	

Approved by	review	writer	Updated date	File version
Mingjun Ding	Xuehua Sun	Haiyan Zhang	2026-6-13	1.0 version

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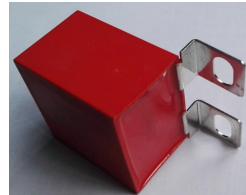
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产品说明: 本产品专业为 IGBT 吸收而设计的电容器; 封装采用 PBT 材料的红色外壳+红色的环氧树脂灌封! 其特点为: 高频损耗小, 可承受较大的尖峰浪涌电压电流的冲击, 过电流能力强; 使用寿命长等特点!

Instructions: the product professional designed for IGBT absorbing capacitor; Encapsulation using PBT material of red shell + red epoxy potting! Its characteristic is: the small loss at high frequency, can withstand greater rush the impact of the surge voltage and current, over-current ability; The service life is long; Characteristics !

1. 印字说明: 举例说明 Printing instructions: for example

JURCC
SC 105K1KVDC
500VAC 40/125/56
style5 3B140001



1	JURCC	The company registered trademark; Registration number: 8448838
2	SC	Model(for IGBT)
3	105K	CapacitanceRange&Tolerance (105=1000000PF=1000NF=1.0UF, K±10%)
4	1KVDC	RatedVoltage 1KVDC
5	500VAC	RatedVoltage 500VAC
6	40/125/56	40/125/56(Climatic Category)
7	Style5	Pin type
8	3B140001	internal code

2. 技术要求 Specifications

1	引用标准 Reference Standard	GB/T 17702, IEC 61071
2	气候类别 Climatic Category	40/125/56

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3	工作温度范围(外壳最高温度点)Operating temperature range (Max. temperature of case surface)	-40℃~+125℃			
4	额定电压 Rated Voltage	630Vdc ~ 5000Vdc			
5	电容量范围 Capacitance Range	0.047uF~9.0uF			
6	电容量误差 Capacitance Tolerance	J(±5%) K(±10%)			
7	耐电压 Voltage Proof	W	≤2000V	2500V	≥3000V
		<41.5	1.6Ur	1.4Ur	1.2Ur
		41.5	1.4Ur	1.4Ur	1.2Ur
		56	1.2Ur	1.2Ur	1.2Ur
8	损耗角正切 Dissipation Factor	F	C≤0.1uF	0.1uF<C≤1uF	C>1uF
		1kHz	≤0.0006	≤0.0006	≤0.0006
		10kHz	≤0.0006	≤0.0006	
		100kHz	≤0.0015		
9	绝缘电阻 Insulation Resistance	IR≥10000MΩ (Cn≤0.33uF) IR≥30000S (Cn >0.33uF) 100±5VDC 1min.			
10	工作寿命 Operation life time	≥100000hours at Un θ hs=70℃			
11	电极拉力测试 Electrode tension tests	Tensile test: 0.5 mm < d 0.8 mm or less, 10 n (pin), 10 s.			
12	抵抗震荡测试 The resistance to shock test	Frequency cycle: 1 minute 10-55-10 hz, 30 minutes. Appearance without damage, electric properties is normal.			
13	可焊性测试 Solderability test	260 ℃ , dip soldering 2 seconds + 0.5 seconds, solder attachment covers an area of more than 75% qualified.			
14	耐寒性测试 Cold resistance test	- 40 ℃ + 2 ℃ for 2 hours, appearance without damage, resistance to voltage, normal capacity change within + / - 5% of the initial value.			
15	耐热性测试 Heat resistance test	After 125 ℃ + 2 ℃ for 2 hours, appearance without damage, resistance to			

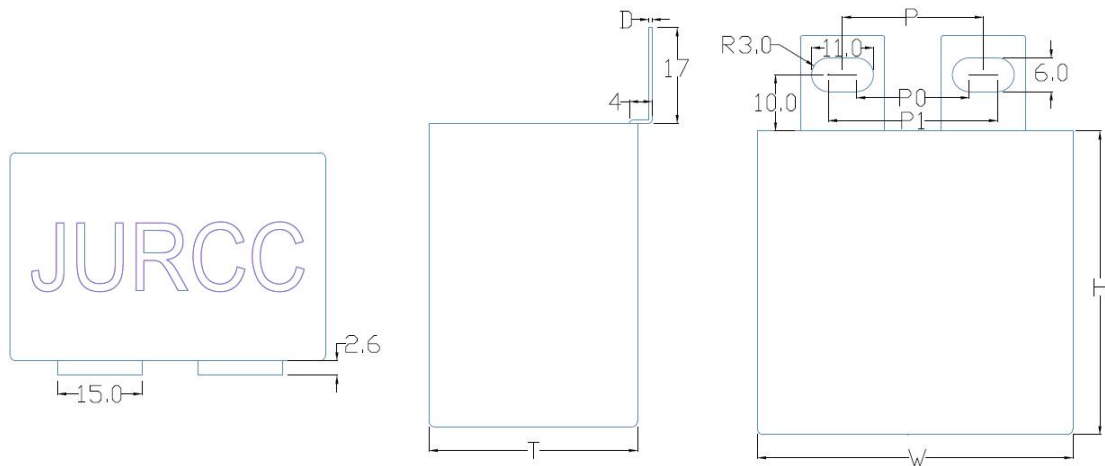
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		voltage, normal capacity change within + / - 5% of the initial value.
16	标志耐溶剂 Mark solvent resistant	Use absorbent cotton to open oil-water wipes 10 mark clear, no visible damage
17	极壳耐电压 A shell withstand voltage	2120 vac, 1 minutes without breakdown and arcing

3. 外型尺寸 Installation dimensions



单位 : mm							
JURCC 料号 Part NO:	规格型号 Specifications	Finished Body 外壳尺寸 (红色) red	相关尺寸 relevant size			安装孔 Diameter of hole for fixing	立创料号
		W*T*H±0.5	P1*P2±0.5	L1*L2*L3±0.5	h±1.0		
SC00010	JWStyle5-155J3KV DC/700VAC	56*37*54	24.5*32.5	14.5*14*14.5	6.5	安装螺丝 M6	JWStyle5-155J3KVDCP25AG10
SC00011	JWStyle5-683K4K VDC/700VAC	41*19*32	21.5*29.5	14.5*11*14.5	6.5	安装螺丝 M6	JWStyle5-683K4KVDCP25AD15

AC voltages: $f \leq 1000 \text{ Hz}$; $1.4 \times U_{rms} + U_{DC} \leq U_r$

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