

VJ 型片式铝电解电容

VJ Series Chip Type Aluminum Electrolytic Capacitors

特点 Features

- 中高压宽温长寿命品。High voltage and long life and wide working temperature.
- 适用于回流焊。Reflow soldering is available.
- 适用于高密度表面贴装。Suitable for high density SMT.
- 符合ROHS 指令标准。Comply with ROHS directive standards.

主要技术性能 Specifications

项目 Items	特性 Characteristics		
工作温度范围 Operating Temperature Range	-40℃ ~ +105℃		
额定电压范围 Rated Voltage Range	160V ~ 400V		
标称电容量范围 Nominal Capacitance Range	1 ~ 22μF		
标称电容量允许偏差 Nominal Capacitance Tolerance	± 20% (20℃, 120Hz)		
漏电流 Leakage Current	160V ~ 400V		
	I = 0.04 CRVR +100 (μ A) max.(1 min)		
损耗角正切 (tg δ) Dissipation Factor (Max) 20℃, 120Hz	UR (V)	160 ~ 250	350 ~ 400
	tg δ	0.15	0.20
耐久性 Load Life	+105℃施加额定电压 1000 小时后, 电容器应满足以下要求: After 1000 hours' application of rated voltage at 105℃, the capacitor shall meet the following requirement:		
	电容量变化率 Capacitance Change	± 20%初始值以内 Within ± 20% of the initial value	
	损耗角正切 Dissipation Factor	≤ 200%初始规定值 Not more than 200% of the initial specified value	
	漏电流 Leakage Current	≤ 初始规定值 Not more than the initial specified value	
高温贮存 Shelf Life	+105℃贮存 1000 小时后, 电容器应满足以上耐久性要求 After storage for 1000 hours at +105℃, the capacitors shall meet the requirement of load life above		
低温特性 Low Temperature Stability 阻抗比 Impedance Ratio (120Hz)	UR (V)	160 ~ 250	350 ~ 400
	Z(-25℃)/Z(+20℃)	3	6
	Z(-40℃)/Z(+20℃)	6	10
耐焊接热 Resistance to Soldering Heat	在 250℃的条件下, 电容器在热板上保持 30 秒, 然后从热板上取出电容器, 让其在室温下恢复, 电容器应满足以下要求: The capacitors shall be kept on the hot plate maintained at 250℃ for 30 seconds. After removing from the hot plate and restored at room temperature, they meet the following requirement.		
	电容量变化率 Capacitance Change	± 10%初始值以内 Within ± 10% of the initial value	
	损耗角正切 Dissipation Factor	≤ 初始规定值 Not more than the initial specified value	
	漏电流 Leakage Current	≤ 初始规定值 Not more than the initial specified value	

外形图及尺寸表 Case Size Table