



承认书

(APPROVE SHEET)

TO: platan LLC

主要材料 Main Material		印字样式及成品图 MARK&OUTLINE
组件 Items	材料名称 Name of Material	
薄膜 Film	金属化聚丙稀薄膜 Metalized Polypropylene film	
导线 Wire	镀锡铜线 (CU) CU Wire	
外壳 CASE	PBT UL94V-0 阻燃灰色塑胶外壳 PBT CASE (UL94V-0) - GREY	
注型剂 Epoxy	UL94V-0 阻燃灰色环氧树脂 GREY Epoxy resin coating (UL94V-0)	

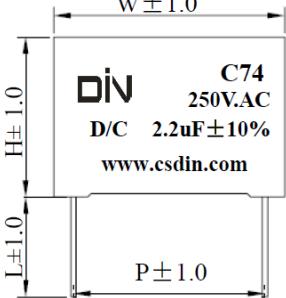
Part No	规 格 Type	成品尺寸 Dimention (mm)						
		W	H	T	P	L	DΦ	
C7422555H4KN23A000	C74225K250VAC	32	22	13	27.5	15	0.8	

客户签承栏 CUSTOMER CONFIRM			创仕鼎承办栏 CSD OFFER		
核准 APPOVED BY	检验 CHECKED BY	承认签章 STAMP	核准 APPOVED BY	审核 MADE BY	工程签章 STAMP
					张锡炼
日期 DATE			日期 DATE	2022-07-06	

SHENZHEN CHUANGSHIDING ELECTRONICS CO.,LTD.

Address: Tower 3, NanTai YunChuang Valley, Tangwei, Fenghuang St., Guangming District, 518107, Shenzhen, China

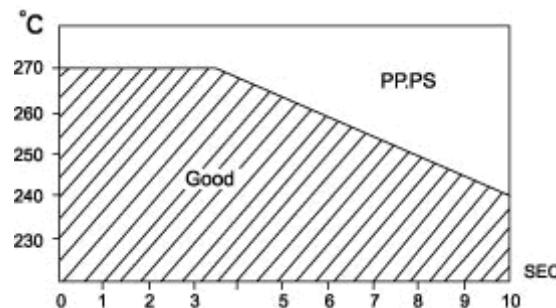
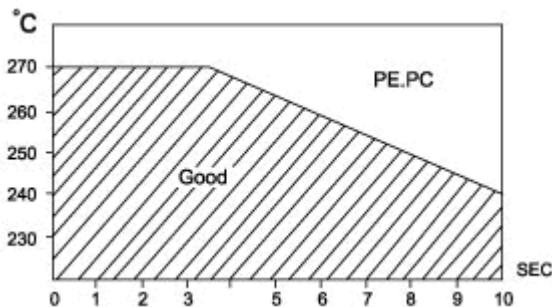
TEL: 0755—29948886 29948363 FAX: 0755—29948916

Specifications 规范																			
Item 项次	Part NO. 料号	Cap 容量(UF)	公差	V _R (VAC)	Dimension(尺寸)mm														
					W	H	T	P	L										
1	C7422555H4KN23A000	2.2	±10%	250	32	22	13	27.5	15										
2																			
3																			
Item 项次	Name 品名	Description 内容	MARK 印字						COLOR: GREY										
1	Film	Metalized Polypropylene film																	
2	Wire	CU Wire																	
3	Epoxy	Epoxy resin coating (UL94V-0) GREY																	
4	Case	(PBT CASE (UL94V-0))- GREY																	
Operating temperature rang 使用温度范围		Max. operating temperature T _{op,max} 最高使用温度					+110°C												
		Lower category temperature T _{min} 下限温度					-40°C												
Operating AC voltage V _{op} at high temperature 高温交流电压		T _A (°C)环境温度	AC voltage AC 电压																
		T _A ≤100	V _{OP} =1.0 • V _{AC} (continuously)																
		T _A ≤100	V _{OP} =1.25 • V _{AC} (1000 h)																
Dissipation factor tan δ 损耗角正切 tan δ		DF≤0.001 (Temperature at 20 ± 1 °C; Frequency at 1±0.1KHz; Voltage at rmsl ±0.1V)																	
Insulation resistance R _{ins} or time constant τ=C _R • R _{ins} at ,RH≤65% 20°C绝缘电阻或时间常数		C _R ≤0.33uF	C _R >0.33uF				充电电压 100VAC												
		15000M Ω	5000 M Ω • uf				充电时间 60S												
Passive flammability category to IEC 40 (CO) 752		C																	
DC test voltage 直流测试电压		1.5*VR(DC)	10S																
Life test 寿命试验		1000h/105°C/V _R • 1.0 每一电容加一47Ω的电阻																	
Limit values after damp heat test 试验后限值		Capacitance change	容量变化 △C/C ≤10%																
		Dissipation factor change △tan δ	损耗角正切变化△tan δ ≤5 • 10 ⁻³ (at 1kHz)																
		Insulation resistance R _{ins} or time constant τ = C _R • R _{ins}	绝缘电阻 或时间常数 ≥50% of minimum as-delivered values																
Failure rate λ 失效率		1 fit(≤1. 10 ⁻⁹ /h)at 0.5 • V _R , 40°C																	
Service life t _{sL} 使用寿命		>30000h at 1.0 • V _R , • T _A ≤85°C																	
Total failure 完全失效		open circuit 开路																	
failure due to 故障原因		Capacitance change	容量变化 △C/C >10%																
variation 的变化参数		Dissipation factor tan δ	损耗角正切 tan δ >2. upper limit value 上限值																
of parameters		Insulation resistance R _{ins} or time constant τ = C _R • R _{ins}	绝缘电阻 时间常数 <150 M Ω (C _R ≤0. 33 uF) <50S (C _R ≤0. 33 uF)																
客户 承认	核准	审核	确认	DIN	核准	审核	承办	日期	设计编号										
						Zhang		2022-07-06											

薄膜电容性能参数 Electrical Characteristics of Film Capacitor

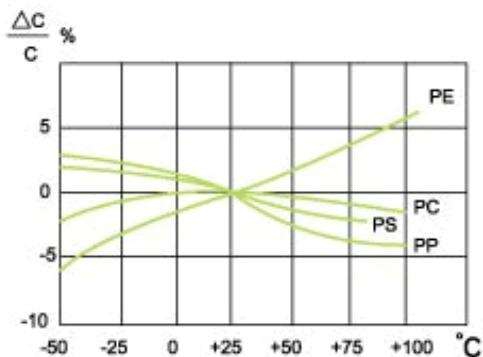
1. 焊接温度与时间对比

Soldering Temperature VS Time



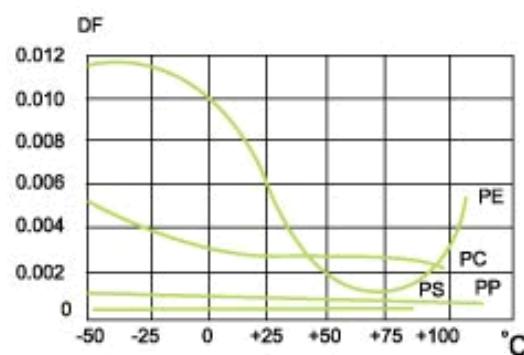
2. 温度性能

Temperature Characteristic



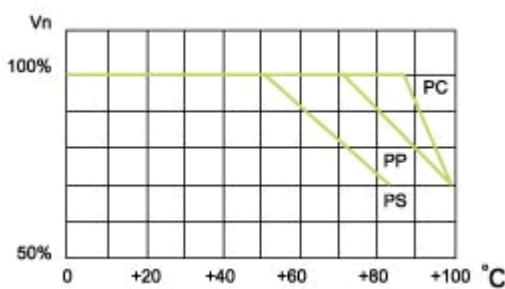
容量变化率与温度的关系

Capacitance vs. Temperature



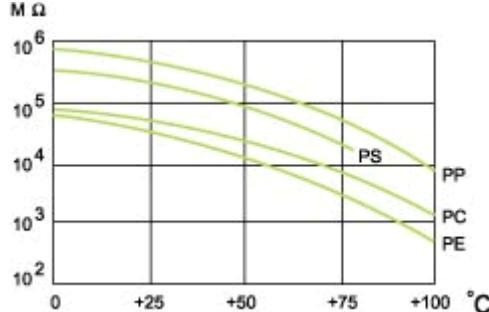
损耗角正切与温度的关系

Dissipation Factor vs. Temperature



使用电压与温度的关系

Operation voltage vs. Temperature

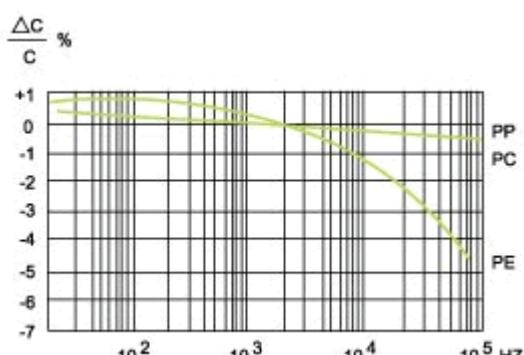


绝缘电阻与温度的关系

(CR value) IR vs. Temperature

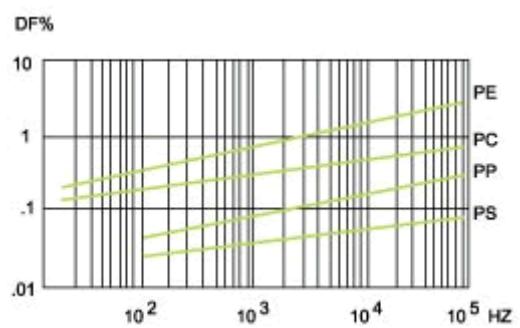
3. 频率性能

Frequency Characteristics



容量变化率与频率的关系

Capacitance vs. Frequency



损耗角正切与频率的关系

Dissipation Factor vs. Frequency