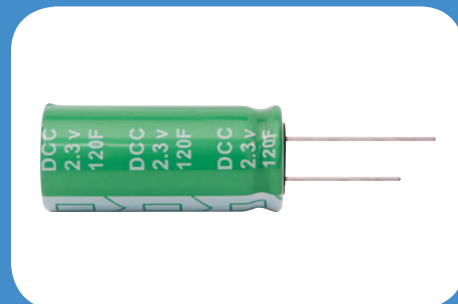


特性 Features

- 高能量密度
(2倍于2.5V/2.7V 超级电容器) Higher energy density
(2 times of 2.5V/2.7V EDLC)
- 快速充电/放电 Quick charge & discharge
- 符合RoHS无铅要求 RoHS directive compliant
- 漏电流比DRC系列更低 Lower leakage current than DRC series



推荐应用领域 Recommended Applications

- 太阳能地砖灯 Solar Brick Light
- 再生能源储能系统 Renewable Energy Storage Systems

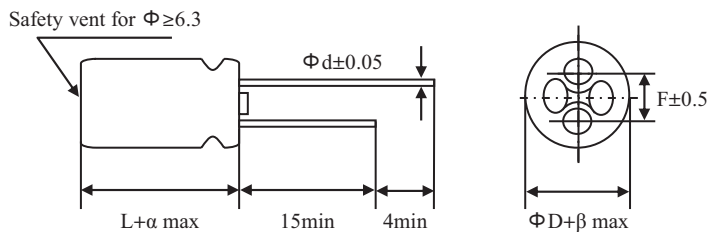
规格 Specifications

项目 Item		性能 Performance Characteristics	
温度 Temperature			
工作温度范围 Operating Temperature Range		-25°C to +70°C	
容量 Capacitance			
容量范围 Nominal Capacitance Range		10F to 220F	
容量公差 Capacitance Tolerance		±20% or -20%~+50%	
电压 Voltage			
额定电压 Rated Voltage		2.3 V.DC	
浪涌电压 Surge Voltage		2.5 V.DC	
最大工作电压 Maximum Operating Voltage		2.3 V.DC	
阻抗 Resistance			
直流等值阻抗 ESR, DC		参见附件电性能列表 Please see the attached characteristics list	
交流等值阻抗 ESR, AC		参见附件电性能列表 (1kHz/20°C) Please see the attached characteristics list (1kHz/20°C)	
寿命 Lifespan			
贮存寿命 Shelf Life		+70°C下无负荷贮存1,000小时后电容器符合规定的限值 After 1,000 hours storage at +70°C without load, the capacitor shall meet the specified limits for endurance.	
耐用性 Endurance	+70°C下采用额定电压1,000小时后电容器符合以下限定值 After 1,000 hours application of rated voltage at +70°C, the capacitor shall meet the following limits.		
	容量变化 Capacitance Change		初始测试值的±30% ±30% of initial measured value
	内阻 Internal Resistance		≤初始值的2倍 ≤2 times of initial specified value
循环次数 Cycles			
循环次数 Cycles	在+25°C下，用恒定电流使电容器在规定电压和半额定电压间循环充放电 (25,000次) Capacitors cycles between specified voltage and half rated voltage under constant current at +25°C (25,000 cycles)		
	容量变化 Capacitance Change		初始测试值的±30% ±30% of initial measured value
	内阻 Internal Resistance		≤初始值的2倍 ≤2 times of initial specified value

规格若有任何变更将不予通知。如有产品安全或技术问题, 请即与我司业务部或代理商联系。
Specifications are subject to change without notice. Should a safety or technical concern arise regarding the product, please be sure to contact our sales offices or agents immediately.

壳号尺寸表 Case Size Table

端子 Terminal: RR



Unit: mm

ΦD	10	12.5	16	18	22
F	5.0	5.0	7.5	7.5	10.0
Φd	0.6	0.6	0.8	0.8	1.0
α	2.0				
β	(D<20)0.5 (D≥20)1.0				

电性能列表 Characteristics List

产品编码 Part Number	额定电压 Rated Voltage (V.DC)	额定容量 Rated Cap. (F)	尺寸 Size 直径 x 长度 $\Phi D \times L$ (mm)	直流等值阻抗 ESR, DC (m Ω) (max)	交流等值阻抗 ESR, AC (m Ω) (max) at 1kHz/20°C	漏电流 Leakage Current (mA/72hrs)
DCC106S03G20RR	2.3	10	10 x 20	400	220	0.040
DCC226S03G30RR	2.3	22	10 x 30	170	120	0.050
DCC306S03I25RR	2.3	30	12.5 x 25	160	100	0.065
DCC506S03K25RR	2.3	50	16 x 25	100	60	0.085
DCC706S03K35RR	2.3	70	16 x 35	85	50	0.120
DCC127S03L40RR	2.3	120	18 x 40	65	35	0.300
DCC227S03N47RR	2.3	220	22 x 47	45	25	0.700

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