

特性 Features

- 小型化，高容量，耐高温
Miniaturized, high capacitance and high temperature
- 快速充电/放电
Quick charge & discharge
- 符合RoHS无铅要求
RoHS directive compliant



推荐应用领域 Recommended Applications

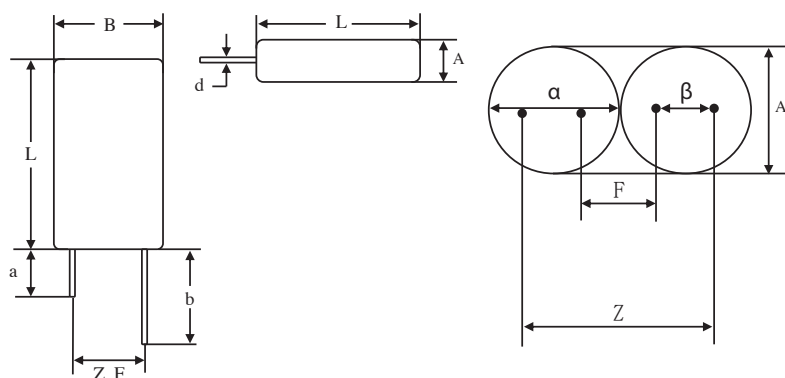
- 消费类电器
Consumer Electronics
- 工业与汽车
Industrial and Automation
- 便携式电源工具
Portable Power Tools
- 再生能源储能系统
Renewable Energy Storage Systems
- 短期UPS (不间断电源)
Short Term UPS (Uninterruptible Power Supply)

规格 Specifications

项目 Item		性能 Performance Characteristics	
温度 Temperature			
工作温度范围 Operating Temperature Range		-40°C to +60°C	
容量 Capacitance			
容量范围 Nominal Capacitance Range		0.22F to 11F	
容量公差 Capacitance Tolerance		±20% or -20%~+50%	
电压 Voltage			
额定电压 Rated Voltage		5.0 V.DC	
浪涌电压 Surge Voltage		5.5 V.DC	
最大工作电压 Maximum Operating Voltage		5.0 V.DC	
阻抗 Resistance			
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		+60°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 +60°C without load, the capacitor shall meet the specified limits for endurance.	
耐用性 Endurance	+60°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 +60°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 (500,000次) Capacitors cycles between specified voltage and half rated voltage under constant current at +25°C (500,000 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



注：长导针为正极

Note: Longer lead is positive

尺寸 Dimensions (mm)

尺寸代码 Size Code	A max.	B max.	L max.	d ± 0.05	a min.	b min.	$Z=\alpha+\beta$ ± 0.50	$F=\alpha-\beta$ ± 0.50
F1E	9.0	17.5	15.5	0.50	15.0	19.0	11.80	4.80
F1J	9.0	17.5	19.5	0.50	15.0	19.0	11.80	4.80
F2C	9.0	17.5	23.5	0.60	15.0	19.0	11.80	4.80
G2C	11.0	21.5	23.5	0.60	15.0	19.0	15.30	5.30
I2C	13.5	30	23.5	0.80	15.0	19.0	22.20	12.20
K29	20.0	40	29	0.80	15.0	19.0	26.80	11.80

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 (mm) 宽度 x 长度 x 高度 Width x Length x Height	交流等值阻抗 ESR, AC (Ω) (max) at 1kHz/20°C	漏电流 Leakage Current (mA/72hrs)
DDL224S0HF1ERR	5.0	0.22	9 x 17.5 x 15.5	2.50	0.060
DDL474S0HF1ERR	5.0	0.47	9 x 17.5 x 15.5	2.00	0.080
DDL105S0HF1JRR	5.0	1.00	9 x 17.5 x 19.5	1.05	0.090
DDL155S0HF2CRR	5.0	1.50	9 x 17.5 x 23.5	0.60	0.180
DDL255S0HG2CRR	5.0	2.50	11 x 21.5 x 23.5	0.54	0.200
DDL405S0HI2CRR	5.0	4.00	13.5 x 30 x 23.5	0.42	0.250
DDL805S0HK29RR	5.0	8.00	20 x 40 x 29	0.20	0.350
DDL126S05K29RR	5.0	12.00	20 x 40 x 29	0.18	0.550

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