



双电层电容器 ELECTRIC DOUBLE LAYER CAPACITORS

FLT

FLT

系列
SERIES

- Lead series 引线型产品
- Higher temperature type 更高工作温度
- Long lifetime with over 500,000 duty cycles 高达 500,000 次循环寿命
- Used in Intelligent instrument, UPS, Security equipment, Communications equipment, Taillight, Small appliances, Flashlight, Clock circuit, RAM
- 应用于智能仪表、UPS、安防设备、通信设备、车尾灯、小家电、手电筒
- 85°C 1000hours



Specifications 性能要求

Item 项目	Performance Characteristics 使用特性	
Operating Temperature Range 工作温度范围	-40°C ~ +85°C	
Rated Voltage 额定电压	2.7V.DC	
Surge Voltage 浪涌电压	2.85V.DC	
Capacitance Tolerance 容量偏差	-10%~+30% (+ 25°C)	
DC Leakage Current 漏电流(72h)	After 72 hours application of rated voltage at +25°C 在+25°C下施加额定电压 72 小时后	
Characteristics at High and Low Temperatures 高温及低温特性	Capacitance range 容量偏差	Within ±30% of the initial value. ΔC≤初始测量值的 30%
	ESR range 电阻偏差	Less than 300% of the initial value. ΔESR≤初始测量值的 300%
Shelf Life 贮存寿命	The specifications shall be met after storage at upper category temperature for 1000 hours 工作温度上限下无负荷贮存 1000 小时后电容器符合以下的限值	
	Capacitance range 容量偏差	Within ±30% of the initial value. ΔC≤初始测量值的 30%
High Temperature Loaded 耐久性测试	The specifications shall be met after rated voltage applied at upper category temperature for 1000 hours 工作温度上限下负载额定电压 1000 小时后电容器符合以下的限定值	
	Capacitance range 容量偏差	Within ±30% of the initial value. ΔC≤初始测量值的 30%
Cycle Life 循环寿命	The specifications shall be met after 500,000 cycles at 25°C, cycle of charge/discharge from V _R to 1/2V _R +25°C下以恒定电流使电容器在额定电压和半额定电压之间循环充放电 500,000 次	
	Capacitance range 容量偏差	Within ±30% of the initial value. ΔC≤初始测量值的 30%
	ESR range 电阻偏差	Less than 200% of the initial value. ΔESR≤初始测量值的 200%

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双电层电容器
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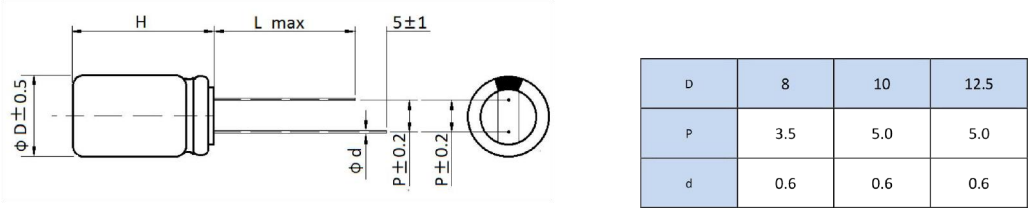
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Part Number 产品型号体系表

EC	FLT	□R□	□□□	□	□□□□
EDLC 双电层电容器	Series 系列代码	Rated Voltage 额定电压	Rated Capacitance 额定容量	Capacitance Tolerance 容量偏差	Dimension Code 尺寸代码

※ 容量偏差（Capacitance Tolerance）□：M:±20%；Q:-10%~+30%；V:-10%~+20%；S:-20%~+50%；A:0%~+20%

Dimensions (mm) 尺寸



Standard Size 标准品一览表

Rated Voltage (V.DC)	Rated Capacitance (F)	ESR(mΩ)		Leakage Current (μA/ 72hours)	Maximum Current (A)	Weight (g)	ΦD×H (mm)	Part No.
		AC (1kHz)	DC					
2.7	1	320	640	5	0.82	1.00	8×13	ECFLT2R7105Q0813
	3	140	280	8	2.2	1.60	8×20	ECFLT2R7305Q0820
	5	70	140	10	3.97	2.45	10×20	ECFLT2R7505Q1020
	8	60	120	15	5.51	3.00	10×25	ECFLT2R7805Q1025
	10	55	110	18	6.43	3.65	12.5×20	ECFLT2R7106Q1320
	15	45	90	20	8.62	4.55	12.5×25	ECFLT2R7156Q1325