



产品特点 PRODUCT FEATURES

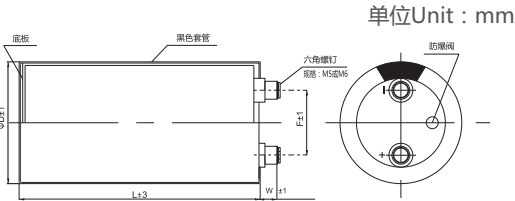
- +85°C高速充、放电系列，保证寿命1,000,000次以上
Guaranteed operatinglife of more than 1,000,000 cycles at +85°C
- 符合RoHS标准
RoHS Compliant



特性表 SPECIFICATIONS

项 目 Items	特性参数 Characteristics	
使用温度范围 Operating Temperature Range	-25°C~+85°C	
额定电压范围 Rated Voltage Range	315V~475V	
容量允许偏差(20°C,120Hz) Capacitance Tolerance	±10%(at 20°C , 120Hz)	
漏电流(20°C) Leakage Current	施加额定电压达到规定时间后，性能需满足以下要求： The following specification shall be satisfied when the rated voltage is applied for the required time $I \leq 3 \sqrt{C_R U_R}$ (μA) or 5 mA(5min), whichever is less (施加额定电压5分钟后) 取小者 I：漏电流 Leakage Current(μA) C：容量 Nominal Capacitance (μF) V：工作电压Working Voltage(V)	
Tanδ(max.,20°C,120Hz) Dissipation Factor	0.15(max,20°C,120Hz)当电容超过10000 μF ，每增加10000 μF ，Tanδ需增加0.025。 When capacitance is over 10000 μF , Tanδshall be added 0.025 to listed value with increase of every each 10000 μF	
急充、放电性能 (40°C) Load life	在40°C环境下充放电1000000个循环，每个循环1s，其中充电时间0.8s，放电时间1ms，产品恢复至20°C时应满足下表： When the capacitors are restored to 20°C after the charge and discharge of the rated voltage are repeated 1 million cycles at 40°C. One cycles shall make of 1.0 second including 0.8 seconds of changing	
	电容量变化 Capacitance Change	≤初始值的±20% ≤±20% of initial value
	损耗角正切值 Dissipation Factor	≤2规定值 ≤200% of initial specified value
	漏电流 Leakage Current	≤2规定值 ≤200%initial specified value
高温负荷特性 Load Life	在+85°C下,对电容器施加含额定纹波电流的额定工作电压5000小时,经恢复后： After 5000 hours application of WV at +85°C, the capacitors shall meet the following limits	
	电容量变化 Capacitance Change	≤初始值的±20% ≤±20% of initial value
	损耗角正切值 Dissipation Factor	≤2倍规定值 ≤200% of initial specified value
	漏电流 Leakage Current	≤规定值 ≤initial specified value
高温贮存特性 Shelf Life	电容器在+85°C下,存放1000小时,经恢复后，参数符合高温负荷的各项规定： At +85°C no voltage applied after 1000 hours, the capacitors application shall meet the limits specified in Load Life	
	电容量变化 Capacitance Change	≤初始值的±20% ≤±20% of initial value
	损耗角正切值 Dissipation Factor	≤2倍规定值 ≤200% of initial specified value
	漏电流 Leakage Current	≤2倍规定值 ≤200% of initial specified value

外型图 DIMENSION



ΦD	51	63.5	76.2	89	100
F	22.0	28.6	31.8		41.5
W	6		6		10
螺钉	M5	M5或M6	M6		M8

体积CASE SIZE

Size φD×L (mm), Ripple Current (A r.m.s/+85°C,120 Hz)				
WV (V) C (μF) ITEM	315 D×L (mm)	350 D×L (mm)	450 D×L (mm)	475 D×L (mm)
225			51X100	51X110
330				51X120
470	51X100			63.5X120
1000/1100	63.5X140			51X100 76.2X120 76.2X143
1500	76.2X120			
2200	76.2X160			
5600		76.2X100		
8200		76.2X130		
10000		89X130		
15000		89X155		
18000		100X155		
22000		89X195		
39000		100X237		