

产品特点 PRODUCT FEATURES

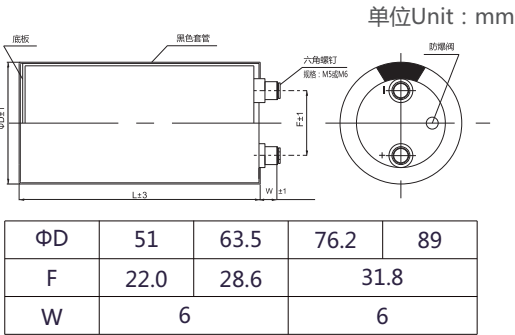
- +85°C加额定纹波电流保证寿命20000小时以上
Guaranteed operatinglife of more than 20000 hours at +85°C
- 符合RoHS标准
RoHS Compliant



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	350V~450V	
容量允许偏差(20°C,120Hz) Capacitance Tolerance	±20%(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)	
损耗角正切值(20°C,120Hz) Dissipation Factor	0.20	
温度特性 Temperature Stability	阻抗比 Impedance ratio (120 Hz)	
	Rated Voltage(V)	350 ~ 450
	Z-25°C/ Z +20°C	8
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20000小时,经恢复后： After 20000 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,施加额定电压30分钟， 经恢复后： At +85°C no voltage applied after 1000 hours, the capacitors application of WV 30minutes 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

外型图 DIMENSION



纹波电流修正系数 MULTIPLIER FOR RIPPLE CURRENT

频率系数 Frequency coefficient					
Ambient Frequency (Hz)		50	120	1K	10K
Coefficient	350V ~ 450V	0.8	1.0	1.3	1.4

规格尺寸表 RATINGS FOR SERIES

Size φD×L (mm), Ripple Current (A r.m.s/+85°C,120 Hz)						
WV (V) C (μF) ITEM	350		400		450	
	D×L	R.C.	D×L	R.C.	D×L	R.C.
1000	51×60	3.5	51×70	3.8	51×80	4.0
1200	51×70	4.2	51×80	4.5	51×100	4.7
1500	51×80	4.9	51×100	5.3	51×110	5.4
1800	51×90	5.6	51×110	6.0	51×130 63.5×90	6.4 6.1
2200	51×110	6.7	51×130 63.5×90	7.0 6.8	63.5×110 76.2×90	7.2 7.1
2700	51×130 63.5×90	8.0 7.7	63.5×110 76.2×90	8.2 8.1	63.5×130 76.2×100	8.6 8.3
3300	51×150 63.5×100	9.2 9.0	63.5×130 76.2×100	9.6 9.3	63.5×150 76.2×110	10.0 9.7
3900	63.5×110 76.2×90	10.4 10.3	63.5×150 76.2×100	11.0 10.5	63.5×170 76.2×130	11.4 11.2
4700	63.5×130 76.2×100	12.0 11.9	63.5×170 76.2×130	12.6 12.3	63.5×195 76.2×155	13.0 12.9
5800	63.5×150 76.2×110	14.0 13.5	63.5×195 76.2×155	14.7 14.3	76.2×170 89×155	15.4 15.3
6800	63.5×170 76.2×130	16.3 16.0	76.2×170 89×130	16.7 16.3	76.2×195 89×155	17.3 17.1
8200	76.2×155 89×130	18.7 18.2	76.2×195 89×155	19.3 19.0	76.2×220 89×170	20.3 19.8
10000	76.2×170 89×155	21.8 21.3	76.2×220 89×170	22.7 22.2	89x195	23.0
12000	76.2×195 89×155	25.1 24.8	89x195	25.5	89x220	26.9
15000	89×195	29.0				
18000	89×220	32.4				