

产品特点 PRODUCT FEATURES

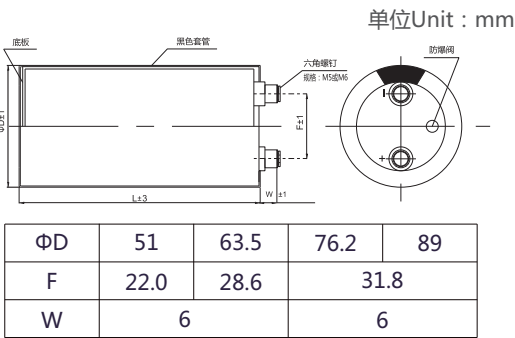
- +85°C加额定纹波电流保证寿命10000小时以上
Guaranteed operatinglife of more than 10000 hours at +85°C
- 符合RoHS标准
RoHS Compliant



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10000小时,经恢复后： After 10000 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小时后，经恢复后： At +85°C no voltage applied after 1000 hours, 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

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	51x60	3.5	51x70	3.8	51x80	4.0
1200	51x70	4.2	51x80	4.5	51x100	4.7
1500	51x80	4.9	51x100	5.3	51x110	5.4
1800	51x90	5.6	51x110	6.0	51x130 63.5x90	6.4 6.1
2200	51x110	6.7	51x130 63.5x90	7.0 6.8	63.5x110 76.2x90	7.2 7.1
2700	51x130 63.5x90	8.0 7.7	63.5x110 76.2x90	8.2 8.1	63.5x130 76.2x100	8.6 8.3
3300	51x150 63.5x100	9.2 9.0	63.5x130 76.2x100	9.6 9.3	63.5x150 76.2x110	10.0 9.7
3900	63.5x110 76.2x90	10.4 10.3	63.5x150 76.2x100	11.0 10.5	63.5x170 76.2x130	11.4 11.2
4700	63.5x130 76.2x100	12.0 11.9	63.5x170 76.2x130	12.6 12.3	63.5x195 76.2x155	13.0 12.9
5800	63.5x150 76.2x110	14.0 13.5	63.5x195 76.2x155	14.7 14.3	76.2x170 89x155	15.4 15.3
6800	63.5x170 76.2x130	16.3 16.0	76.2x170 89x130	16.7 16.3	76.2x195 89x155	17.3 17.1
8200	76.2x155 89x130	18.7 18.2	76.2x195 89x155	19.3 19.0	76.2x220 89x170	20.3 19.8
10000	76.2x170 89x155	21.8 21.3	76.2x220 89x170	22.7 22.2	89x195	23.0
12000	76.2x195 89x155	25.1 24.8	89x195	25.5	89x220	26.9
15000	89x195	29.0				
18000	89x220	32.4				