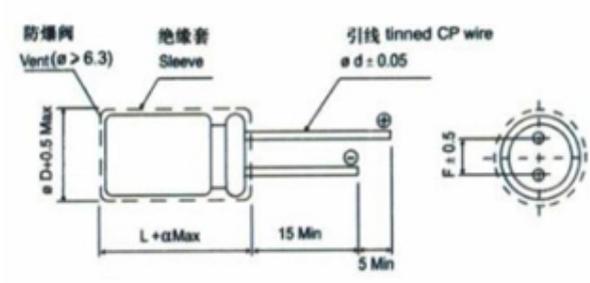


- 耐温105℃ 负荷寿命2000-5000小时
Load life 2000 -5000hours at 105℃
- 阻抗低, 耐高纹波电流
Low impedance, High ripple current
- 高品质, 性能可靠
High quality and reliability
- 用于开关电源和工业电子设备
For switching mode power supplies (SMPS) and industry electronics equipments

◆ 主要技术特征 Specifications

Items	Characteristics							
使用温度范围 (℃) Operation temperature range	-40~+105							
额定电压范围 (V) Rated Voltage Range (V)	160~450							
标称容量允许偏差(20℃,120 Hz) capacitance torance(20℃,120 Hz)	-20%~+20%							
漏电流 (μA) (5minutes) Leakage current (μA) (5minutes)	CV≤1000:0.1CV+40;CV>1000:0.04CV+1000μA 1分钟后读数 1 after minutes(at 20℃)							
	C:标称容量 Nominal capacitance(μF); V:额定电压 Rated voltage(V)							
损耗角正切值(tanδ)(20℃,120 Hz) Dissipation factor(tanδ)(20℃,120 Hz)	UR(V)	160~250	350~450					
	tanδ	0.15	0.2					
	容量大于1000μF, 每增加1000μF, 其损耗角正切值增加0.02 0.02 is added every 1000μF increase over 1000μF							
低温特性 Low temperature characteristics 最大阻抗比 Max impedance ratio(at 120Hz)	UR(V)	160	250	350	400	450		
	Z(-25℃)/Z(+20℃)	3	3	4	5	5		
	Z(-40℃)/Z(+20℃)	6	6	8	8	8		
负荷寿命 (+105℃) Load life (+105℃)	在105℃下连续施加峰值电压不超过额定直流电压的直流基压和额定纹波电流2000 (φ≤8:1000) 小时后, 电容器应符合下表要求。 After an application of D.C bias voltage and rated ripple current,the peak voltage shall not exceed the rated D.C voltage for 2000 (φ≤8:1000) ,the capacitors shall meet the follwing requirement below list.							
	电容变化率 Capacitance change			≤±20%初始测量数值 Within ±20% of the initial value				
	测电流 Leakage current			≤规定值 initial specified value				
	损耗角正切值 Dissipation factor			≤2倍规定值 Not more than 200% of specified value				
贮存寿命 (+105℃) Shelf life (+105℃)	电容器在无负荷、105℃下贮存1000小时后, 施加额定电压30分钟, 于24至48小时内测试, 其性能应满足以上负荷寿命试验规定值要求。 At 105℃ no voltage applied after 1000 hours ,UR to be applied for 30 minutes,measurement within 20 to 48 hours ,the capacitor shall meet the above characteristics list.							

◆外形尺寸 Dimensions (mm)



ΦD	5	6.3	8	10	12.5	16	18
Φd	0.5		0.6			0.8	
F	2	2.5	3.5	5		7.5	
α	1.5			2			

◆纹波电流倍乘因子 Multiplier for current
频率系数 Frequency coefficient

额定电压 (V)	频率 (Hz)					
	系数	50, 60	120	1K	10K	100K
160~450	0.47~220	0.8	1	1.3	1.4	1.6

◆温度修正系数 Temperature Coefficient

系数 电压 (V)	温度 (°C)		
	70	85	105
160~450	1.8	1.4	1

