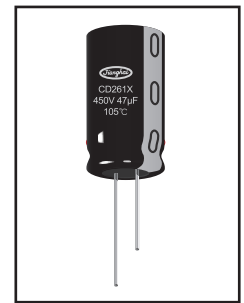
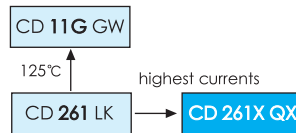


5000 - 10000h at 105°C

- Extra high Ripple Current
- Downsized
- Electronic Ballast, LED Lighting

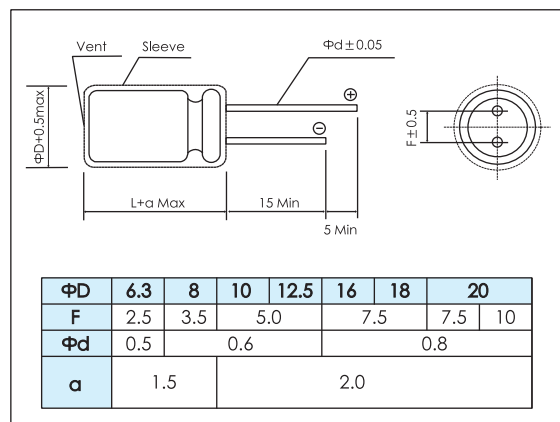


Items	Characteristics								
Operating Temperature Range (°C)	-40 ~ +105								
Voltage Range (V)	160 ~ 500								
Capacitance Range (μF)	1.0 ~ 220								
Capacitance Tolerance (20°C, 120Hz)	± 20%								
Leakage Current (μA)	After 1 minute at 20°C application of rated voltage, leakage current is not more than 0.04CV + 100. C: Nominal Capacitance (μF) V: Rated Voltage (V)								
Dissipation Factor (20°C, 120Hz)	Rated Voltage (V)	160	200	250	350	400	450	500	
	Tan δ (max)	0.15			0.20				
Stability at Low Temperature (Impedance Ratio at 120Hz)	Rated Voltage (V)	160	200	250	350	400	450	500	
	Z _{-25°C} / Z _{+20°C}	3			6				
	Z _{-40°C} / Z _{+20°C}	6			8			10	

	Useful Life		Load Life	Endurance Test	Shelf Life
Lifetime	Φ6.3×11.5 : 7000h Φ8~10 : 10000h Φ ≥ 12.5 : 12000h	≥ 100000h	Φ6.3×11.5 : 5000h Φ8~10 : 8000h Φ ≥ 12.5 : 10000h	Φ6.3×11.5 : 7000h Φ8~10 : 10000h Φ ≥ 12.5 : 12000h	1000h
Leakage Current	Not more than specified value		Not more than specified value	Not more than specified value	Not more than specified value
Capacitance Change	Within ± 50% of initial value		Within ± 30% of initial value	Within ± 20% of initial value	Within ± 20% of initial value
Dissipation Factor	Not more than 500% of specified value		Not more than 300% of specified value	Not more than 200% of specified value	Not more than 200% of specified value
Condition: Applied Voltage Applied Current Applied Temperature	U _R I _R 105°C	U _R 1.6 × I _R 50°C	U _R I _R 105°C	U _R I _R = 0 105°C	U _R = 0 I _R = 0 105°C After test: U _R to be applied for 30min >24h before measurement

Dimensions

mm



Frequency Coefficient

Frequency Cap (μF)	Frequency				
	120Hz	1kHz	10kHz	50kHz	100kHz
1 ~ 5.6	0.2	0.4	0.8	0.92	1.0
6.8 ~ 15	0.3	0.6	0.9	0.96	1.0
22 ~ 82	0.4	0.7	0.9	0.96	1.0
100 ~ 220	0.45	0.75	0.9	0.96	1.0

Temperature Coefficient

Ambient Temperature(°C)	+65	+85	+105
Coefficient	2.1	1.7	1.0

