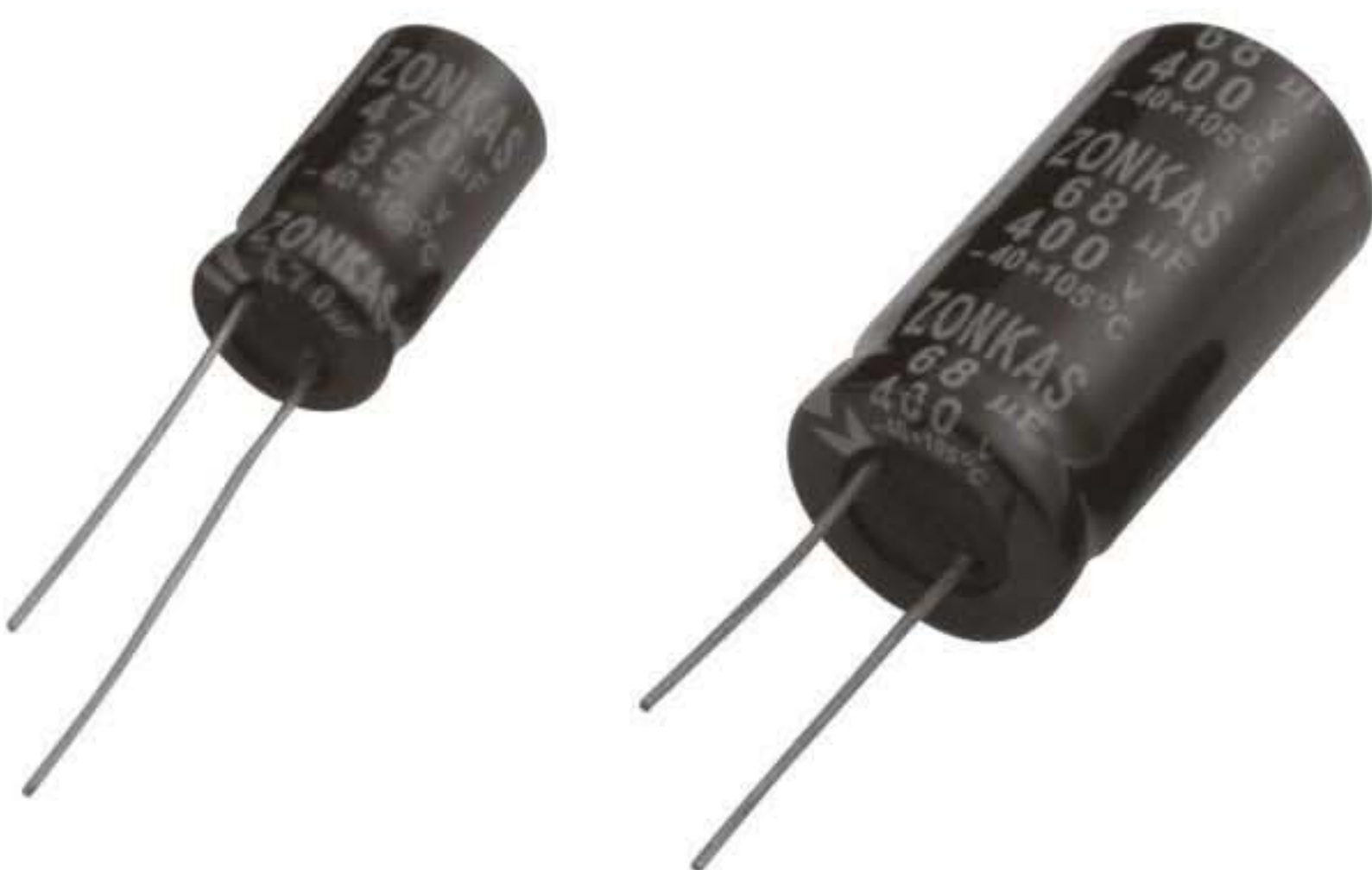




GPR series General Purpose105°C 一般標準品

- 本系列為高CV值，適用於一般民生電子產品，有防暴孔設計，105°C常溫下，耐用2000小時。
- Wide CV value range for general purpose. Safety vent construction products,GPR series are guaranteed 1000 hours at 105°C

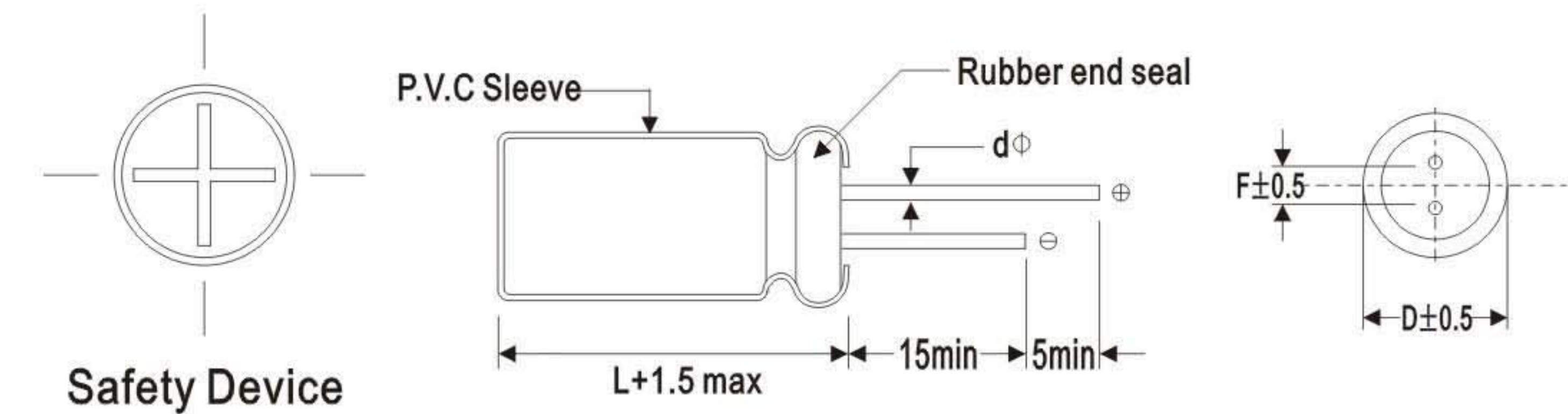


SPECIFICATIONS

NO	Item	Performance chracteristics														
1	使用温度範圍 Operating Temperature Range	-40 to + 105℃							-25 to + 105℃							
2	定格電壓範圍 Rated WorkingVoltage Range	6.3 to 100v.DC							160 - 450v.DC							
3	靜電容量範圍 Nominal Capacitance Range	0.1 to 22000uF							0.47 to 1000uF							
4	靜電容量容許差 Capacitance Tolerance	±20%(at+20℃,120Hz)														
5	漏電電流 Leakage Current	I ≤0.01 CV or 3(μA) max							I ≤0.03 CV+30(μA) max							
		Whichecker is greater after 3minutes.							I :Leakage Current(μA) C:Rated Capacitance(μ F) V:Working Voltage(v)							
6	損失角 Dissipation Factor(tan σ) (120Hz\+20℃)	Working voltage(V) 6.3 10 16 25 35 50 63 100 160 200 250 350 400 450														
		tan σ max. 0.22 0.2 0.17 0.15 0.12 0.1 0.09 0.08 0.18 0.18 0.18 0.18 0.20 0.20														
		Add 0.02per 1000μ F for more than 1000μ F														
7	容許電流 Ripple Current	Refer to standard products table (120Hz,+105℃) correction factor for frequency.														
		Frequency(Hz)							50/60		120		1K		10K	
		correction factor(Multiplier)							0.7		1		1.3		1.7	
8	温度特性 (at 120Hz) Characteristics at low Temperature (stability at 120Hz)	Working Voltage 6.3 10 16 25 35 50 63 100 160 200 250 350 400 450														
		Z-25℃/+20℃ 4 3 2 2 2 2 2 2 2 2 3 3 5 12 15														
		Z-25℃/+20℃ 8 6 4 4 3 3 3 3 3 3 3 3 3 3 3														
		For capacitance value> 1000μ F,Add 0.5per another 1000μ F fpr-25℃/+25℃ Add 1.0 per another 1000μ F fpr-40℃/+20℃														
9	高温負荷特性 High temperature Loading	After 1000 hrs application of DC rated working voltage at + 105℃ The capacitor shall meet the following limits: Post test requirements at + 20℃														
		Leakage current							≤the initial specified value							
		Capacitance change							≤ ±20% of inital meaasured value							
		Dissipation Factor(tan)							≤150% of inital specified value							
10	高温無負荷特性 Shelf Life	After storage for500 hrs,at + 105℃ with no voltage applier. Post test requirements at + 20℃ same limits for high temperature loading.														

136

Outline drawing :(Unit:mm)



DΦ	5	6.3	8	10	13	16	18	22	25
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10	10
dΦ		0.5		0.6		0.8		0.8	