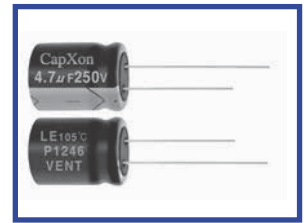
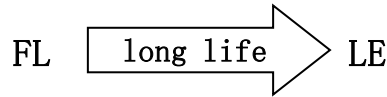


LE Series 105°C 12000~20000 hours

Features

- ◆ Ultra Long life
- ◆ For LED lighting
- ◆ ROHS compliant



Specifications

Item	Performance Characteristics			
Operating Temperature Range	-40 to +105°C			
Rated Voltage Range	160~450 VDC			
Capacitance Range	1 to 68µF			
Capacitance Tolerance	±20%(120Hz,+20°C)			
Leakage Current (+20°C,max.)	(CV ≤ 1000)	(CV > 1000)		
	1 ≤ 0.1CV+40(µA)	1 ≤ 0.04CV+100(µA)		
After 1minutewith ratedworking voltage applied. C:: ratedCapacitance (µF), V: working voltage(V)				
Dissipation Factor (tanδ, at 20°C, 120Hz)	Less than the value under table			
	Cap(µF) / W.v.(V)	160~450		
tanδ		24%		
Low Temperature Characteristics (at 120Hz)	Impedance ratio max			
	Working voltage(V)	<250	250~400	450
	Z-25°C / Z+20°C	3	6	8
	Z-40°C / Z+20°C	8	10	12
Endurance	Test condition			
	Duration time	:As right	6.3X11,8X9,10X9	12000hours
Ambient temperature	:+105°C	8X11.5,10X12.5	15000hours	
	Applied voltage	:Rated DC working voltage	10X16 or more	20000hours
After test requirement at +20°C				
Capacitance change	: Within±30% of the initial measured value			
Dissipation factor	: Not more than 300% of the initial specified value			
Leakage current	: Not more than The initial specified value			
Shelf Life	Test condition			
	Duration time	:1000 Hrs		
Ambient temperature	:+105°C			
Applied voltage	:None			
After test requirement at +20°C:Same limits as Endurance.				
Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.				

Multiplier for Ripple Current vs. Frequency

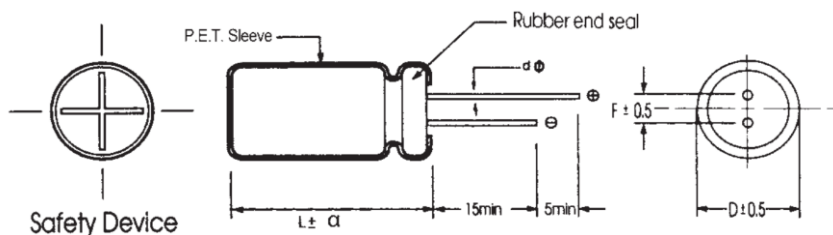
160~400V.DC

Coefficient	Frequency(Hz)	120	1K	10K	100K
	1-5.6µF	1.0	1.6	1.8	2.0
6.8-18µF	1.0	1.5	1.7	1.9	
22-33µF	1.0	1.4	1.6	1.8	

≥450V.DC

Coefficient	Frequency(Hz)	120	1K	10K	100K
	4.7-15µF	0.3	0.6	0.9	1.0
22-68µF	0.4	0.7	0.9	1.0	

Diagram of Dimensions:(unit:mm)



Dφ	6.3	8	10	13	16	18
F	2.5	3.5	5.0	5.0	7.5	7.5
dφ	0.5		0.6		0.8	

α	D=16		D=18		D > 18
	D < 16	L: 25-35.5 L < 25 and L ≥ 40	L: 25-31.5	L < 25 and L ≥ 35.5	
	1.5	2.0	1.5	2.0	2.0

