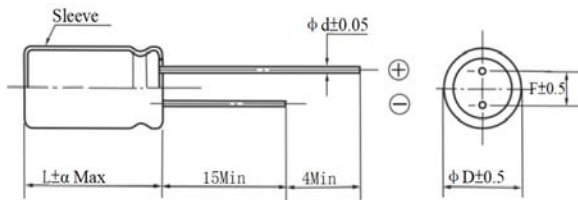


1. Dimensions:

Unit: mm



φ D	5.0	6.3	8(L<20)	8 (L≥20)		
F	2.0	2.5	2.5/3.5	2.5/3.5		
φ d	L≤7: 0.45 7<L: 0.50			0.6		
φ D	10	13	16	18	20	22
F	5.0		7.5	7.5	7.5	10
φ d	0.6		0.8	0.8	0.8	1.0
α	L≤7:1.0 7<L<20: 1.5 L≥20:2.0					

2. Technical Parameter:

Aillen P/N	Cap. (μF) at +20°C	Cap. Tol.(%) at +20°C	Rate Volt. (VDC)	Surge Volt. (VDC)	Oper. Temp. (°C)	Case Size φ D*L (mm)	Leakage Current ¹⁾ Max at +20°C(μA)	Dissipation Factor Max at +20°C 120Hz(%)	ESR Max +20°C 120Hz (Ω)	ESR Max +20°C 100kHz (Ω)	R.C Max at +105°C 100kHz (mA rms)	R.C Max at +105°C 120Hz (mA rms)	Load Life at 105°C (hours)
CBE127M2CHRHG35RRA	120	±20%	160	200	-40~105	10x35	409	15	/	/	1400	/	12000

Remark:

1) . L.C.≤0.02CV+25 (μA) After 2 minute measured with rated working voltage applied,C: Capacitance (μF) V: Rated DC Working Voltage (V);

3. Multiplier For Ripple Current&Temperature coefficient

Remark : When capacitors are operated at temperatures other than +105°C, and frequency other than 100kHz, the maximum Ripple Current(R.C.) must be multiplied by the factors shown in below table.

Frequency Cap(μF) Coefficient	120Hz	1kHz	10kHz	100kHz
≤5.6μF	0.20	0.40	0.80	1.00
6.8~180μF	0.40	0.75	0.90	1.00
>220μF	0.50	0.85	0.94	1.00

Temperature(°C)	105	85	≤70
Coefficient	1.0	1.5	2.0

4.Characteristics

Item	Characteristics										
Load Life	The capacitor is stored at a temperature of 105±2°C with DC bias voltage plus the rated ripple current for 12000+48/0 hours. (The sum of DC and ripple peak voltage shall not exceed the rated working voltage) Then the product should be tested after 16 hours recovering time at atmospheric conditions. The result should meet the following table:										
	Capacitance Change		Within ±20% of initial value								
	Dissipation Factor		Not more than 200% of the specified value								
	Leakage Current		Not more than the specified value								
Shelf Life	The capacitors are then stored with no voltage applied at a temperature of 105±2°C for 1000+48/0 hours. Following this period the capacitors shall be removed from the test chamber and be allowed to stabilized at room temperature for 4~8 hours. Next they shall be connected to a series limiting resistor(1k±100Ω) with D.C. rated voltage applied for 30min. After which the capacitors shall be discharged, and then, tested the characteristics.										
	Capacitance Change		Within ±20% of initial value								
	Dissipation Factor		Not more than 200% of the specified value								
	Leakage Current		Not more than the specified value								
Low Temperature Stability	Rated Voltage (V)		160	200	250	300	350	400	450	500	
	Z-25°C/Z+20°C (120Hz)		3	3	3	3	5	5	6	8	
	Z-40°C/Z+20°C (120Hz)		6	6	6	6	6	6	/	/	

5.Part Number System:

