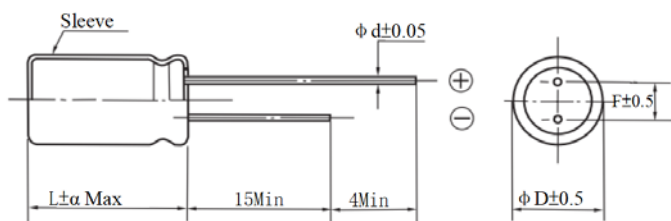


1. Dimensions:

Unit: mm



φD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
φd	L≤7 0.45; 7<L≤9 0.50			
α	L≤7 1.0; L≥9 1.5			

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 φD*L (mm)	Leakage Current ¹⁾ Max at +20°C(μA)	Dissipation Factor Max at +20°C 120Hz(%)	ESR Max at +20°C 120Hz (Ω)	ESR Max at +20°C 100kHz (Ω)	R.C Max at 105°C 100KHz (mA rms)	Load Life at 85°C (hours)	Load Life at 105°C (hours)
CBE227M0JHC1D07RR1	220	±20%	6.3	8.0	-40~105	5x07	13.86	24	/	0.90	180	/	1000

Remark:·

1).L.C.≤0.01CVor 3 (μA) whichever is greater,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 120Hz, the maximum Ripple Current(R.C.) must be multiplied by the factors shown in below table.

Frequency Cap(μF) Coefficient	120Hz	1kHz	10kHz	100kHz
≤180μF	0.55	0.70	0.75	1.00
≥220μF	0.60	0.75	0.85	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℃ with DC bias voltage plus the rated ripple current for 1000+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 ±30% 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℃ 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 ±30% 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)	6.3	10	16	25	35	50	
	Z-25℃/Z+20℃（120Hz）	5	4	3	3	2	2	
	Z-40℃/Z+20℃（120Hz）	10	8	8	6	5	3	

5.Part Number System:

