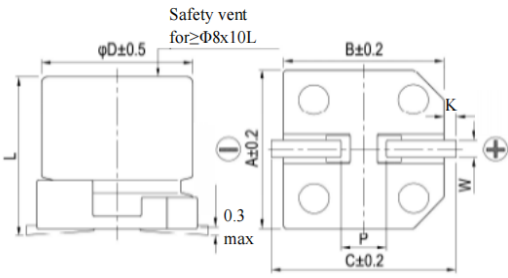


1. Dimensions:

Unit: mm



φD	L	A	B	C	P±0.2	K	W
4	5.8±0.4	4.3	4.3	5.1	1.0	0.5Max	0.5~0.9
5	5.8±0.4	5.3	5.3	6.0	1.5	0.5Max	0.5~0.9
6.3	5.8±0.4	6.6	6.6	7.2	2.1	0.5Max	0.5~0.9
6.3	7.7±0.4	6.6	6.6	7.2	2.1	0.5Max	0.5~0.9
8	6.5±0.4	8.3	8.3	9.1	3.1	0.5Max	0.8~1.1
8	10.2±0.5	8.3	8.3	9.1	3.1	0.5Max	0.8~1.1
10	10.2±0.5	10.3	10.3	11.1	4.7	0.5Max	0.8~1.1

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 D*L (mm)	Leakage Current ¹⁾ Max at +20°C(μA)	Tan δ Max at 120Hz, +20°C	ESR at +20°C 120Hz Max(Ω)	ESR at +20°C 100kHz Max(Ω)	R.C Max at 105°C 100kHz (mA rms)	R.C Max at 85°C 120Hz (mA rms)	Load Life (hours)
CAE227M1CHZTEE8TR	220	±20%	16	18.4	-55~105	6.3x5.8	35.2	16.00	1.21	0.26	300	/	2000

Remark:: 1). L.C.≤0.01CV or 3 (μA) whichever is greater, After 2 minute measured with rated working voltage applied, C: Capacitance (μF) V: Rated DC Working Voltage (V).

3. Frequency Coefficient of Allowable Ripple Current

Frequency	50Hz	120Hz	1kHz	≥10kHz
Coefficient	0.50	0.65	0.85	1.00

4. Characteristics

Item	Characteristics
Load Life	The capacitor is stored at a temperature of 105°C ±2 with rated voltage applied continuously for 2000+48/0 hours, 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 300% 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 stabilize 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 300% of the specified value
	Leakage Current: Not more than 200% of the specified value
Low Temperature Stability	Rated Voltage (V)
	Z-25°C/Z+20°C (120Hz)
	Z-55°C/Z+20°C (120Hz)

5. Part Number System:

