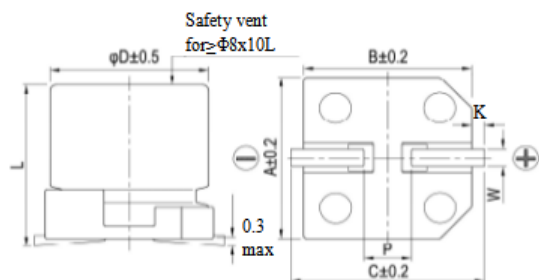


1. Dimensions:

Unit: mm



φD	L	A	B	C	P	K	W
4	5.4±0.4	4.3	4.3	5.0	1.0	0.5max	0.5~0.9
5	5.4±0.4	5.3	5.3	6.0	1.5	0.5max	0.5~0.9
6.3	5.4±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±0.6 or 10.5±0.5	8.3	8.3	9.1	3.1	0.5max	0.8~1.1
10	10.2±0.6 or 10.5±0.5	10.3	10.3	11.1	4.5	0.5max	0.8~1.1

2. Technical Parameter:

Aillen	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)	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 120Hz (mA rms)	R.C Max at 85°C 120Hz (mA rms)	Load Life at 105°C (hours)
P/N													
CAE158M0JHUTGJ2TR1	1500	±20%	6.3	7.3	-55~105	10x10.2	19.0	30	0.332	/	320	480	2000

Remark:

1). L.C.≤0.002CV or 0.4 (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 100kHz, the maximum Ripple Current(R.C.) must be multiplied by the factors shown in below table.

Frequency	50Hz	120Hz	300Hz	1kHz	≥10kHz
Coefficient	0.64	0.70	0.75	0.83	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°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 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 300% of the specified value				
	Leakage Current		Not more than 200% of the specified value				
Low Temperature Stability	Rated Voltage (V)	6.3	10	16	25	35	
	Z-25°C/Z+20°C (120Hz)	4	3	2	2	2	
	Z-55°C/Z+20°C (120Hz)	8	5	4	3	3	

5. Part Number System:

