

SMD Aluminum Electrolytic Capacitor - JCJ

FEATURES

- Endurance : 105°C 2000H.
- Specially designed for LED display screen.
- Designed for reflow soldering.
- Designed for surface mounting on high-density PCB.



SPECIFICATIONS

Operating Temperature Voltage Range Capacitance Range Capacitance Tolerance Leakage Current

-40°C ~ +105°C 10V ~ 16V.DC 220 μ F

±20% at 120Hz, 20°C

Leakage current ≤0.01CV or 3µA, whichever is greater (After 2 minutes application of rated voltage)

Dissipation Factor (Tan δ)

Measurement Frequency: 120Hz, Temperature: +20°C

Rated Voltage (V)	10	16
Tan δ (Max.)	0.24	0.20

Characteristics at low Temp.

Measurement Frequency: 120Hz

Rated Voltage	(V)	10	16
Impedance Ratio ZT/Z20 (Max.)	Z(-25℃)/ Z(+20℃)	4	3
	Z(-40℃)/ Z(+20℃)	8	6

Endurance

After applying rated working voltage for 2000 hours at +105°C ± 2 °C, and then being stabilized at

, capacitors shall meet the following limits

120 C, eapacitors shall meet the following infines:					
Capacitance Change	Within ±30% of the initial value				
Dissipation Factor	Less than 300% of the initial value				
Leakage Current	Within the initial limit				

Shelf Life

After storage for 1000 h at +105 °C ± 2 °C with no voltage applied and then being stabilized at +20 °C,

capacitors shall meet the limits specified in endurance.

Resistance to Soldering Heat

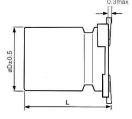
After reflow soldering and then being stabilized at +20%, capacitors shall meet the following limits

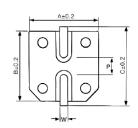
Capacitance Change	Within ± 10% of initial value
Dissipation Factor	Within the initial limit
Leakage Current	Within the initial limit

Frequency correction factor for RC

Frequency	50Hz	120Hz	1kHz	10kHz≦
Correction Factor	0.7	1.0	1.2	1.3

DRAWING (Unit: mm)





*1 Surface Marking Type	pes: jbJ, jJ, AJK					(mm)
ΦD	L	Α	В	С	W	P±0.2
6.3	5.7	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5~0.8	2.2

STANDARD SIZE

WV Cap.(µl			10 1A				
220	221	6.3x5.7	75	6.3x7.7	110	Case Size	Allowable Ripple (mA rms) at 105℃ 120Hz

Please visit our website to get more update data, those data & specification are subject to change without notice.



Tel: (852)2790 5091 Fax: (852)8169 8283