

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 -40°C ~ +105°C
 Voltage Range 10V ~ 16V.DC
 Capacitance Range 220 µF
 Capacitance Tolerance ±20% at 120Hz, 20°C
 Leakage Current 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°C)/ Z(+20°C)	3
	Z(-40°C)/ Z(+20°C)	6

Endurance After applying rated working voltage for 2000 hours at +105°C±2°C, and then being stabilized at +20°C, capacitors shall meet the following limits.

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°C, 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 Types: jBJ, jJ, AJK

ΦD	L	A	B	C	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	10	16			--
Cap.(µF)	1A	1C			--
220	221	6.3x5.7	75	6.3x7.7	110
Case Size					Allowable Ripple (mA rms) at 105°C 120Hz

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