

Aluminum Electrolytic Capacitor – JNC

FEATURES

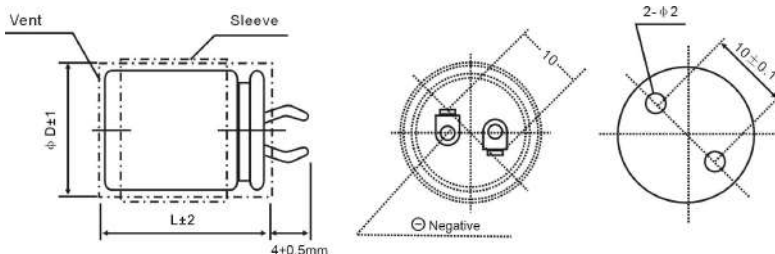
- Load life of 2000 hours at 85°C
- High ripple current
- Smaller size
- PCB Mounting



SPECIFICATIONS

Items	Performance Characteristics										
Operating Temperature Range (°C)	10V~100V: -40°C~+85°C	160V~450V: -25°C~+85°C									
Capacitance Tolerance (25°C, 120Hz)	±20%										
Leakage Current (µA)	0.01CV or 1.5mA whichever is smaller. (at 25°C, after 5 minutes) C: Nominal Capacitance (µF) V: Rated Voltage (V)										
Dissipation Factor (25°C, 120Hz)	When nominal capacitance is over 1000µF, tan δ shall be added 0.01 to the listed value with increase of every 1000µF.										
	Rated Voltage (V)	10	16	25	35	50	63	80	100	160~400	450
	Tan δ	0.40	0.35	0.35	0.30	0.25	0.25	0.20	0.20	0.15	0.20
Temperature Stability (120Hz)	Rated Voltage (V)		10	16~35	50~100	160~200	250~400	450			
	Impedance	Z-25°C/Z+20°C	5	4	3	3	4	4			
		Ratio	Z-40°C/Z+20°C	18	15	10	6	8	--		
Load Life (+85°C)	Time	2000hours									
	Leakage Current	Not more than the specified value.									
	Capacitance Change	Within±20% of the initial value									
	Dissipation Factor	Not more than 200% of the specified value.									
	3000 hours load life is available on request.										
Shelf Life (+85°C)	Time	1000hours									
	Leakage Current	Not more than the specified value.									
	Capacitance Change	Within±15% of the initial value									
	Dissipation Factor	Not more than 150% of the specified value.									
	After test: U _R to be applied for 60 minutes, 24 to 48 hours before measurement.										

DIMENSIONS (mm)



MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz)	50	120	1K	10K	20K
Rated Voltage(V)					
≤50	0.95	1	1.10	1.15	1.15
63~100	0.95	1	1.16	1.30	1.33
≥160	0.95	1	1.20	1.50	1.55

Temperature coefficient

Temperature(°C)	+40	+55	+70	+85
Rated Voltage(V)				
<160	2.1	1.8	1.5	1
≥160	1.7	1.5	1.3	1

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