

Aluminum Electrolytic Capacitor –JNE

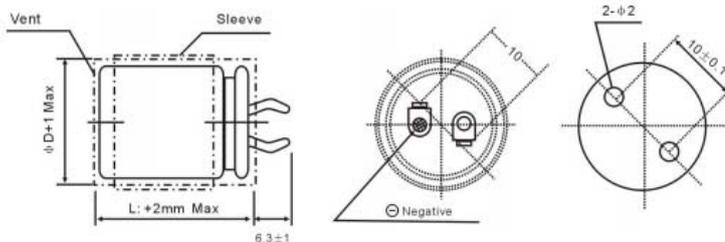
STANDARD RATINGS

capacitance	Working Voltage	tolerance	dimension	Ripple Current 105C 120Hz
(μ F)	(V.DC)	(%)	(mm)	(Ar.m.s MAX.)
470	450	+/-20%	30*50	1.93

SPECIFICATIONS

Items	Performance Characteristics	
Operating Temperature Range ($^{\circ}$ C)	-25 $^{\circ}$ C ~ +105 $^{\circ}$ C	
Voltage Range (V)	450	
Capacitance Range (μ F)	470 μ F	
Capacitance Tolerance (25 $^{\circ}$ C, 120Hz)	\pm 20%	
Leakage Current (μ A)	0.01CV or 1.5mA whichever is smaller. (at 25 $^{\circ}$ C, after 5 minutes) C:Nominal capacitance (μ F) V: Rated Voltage (V)	
Dissipation Factor (25 $^{\circ}$ C, 120Hz)	Rated Voltage (V)	450
	Tan δ (max)	0.20
Temperature Stability (120Hz)	Rated Voltage (V)	450
	Impedance Ratio	Z-25 $^{\circ}$ C/Z+20 $^{\circ}$ C
Load Life (+105 $^{\circ}$ C)	Time	2000hours
	Leakage Current	Not more than the specified value
	Capacitance Change	Within \pm 20% of the initial value
	Dissipation Factor	Not more than 200% of the specified value
Shelf Life (+105 $^{\circ}$ C)	500hrs, No voltage applied. 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)	450	0.90	1	1.20	1.5	1.55

Temperature coefficient:

Temperature($^{\circ}$ C)	+40	+55	+70	+85	+105
Factor	2.7	2.5	3.1	1.7	1

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