

Aluminum Electrolytic Capacitor –JNE

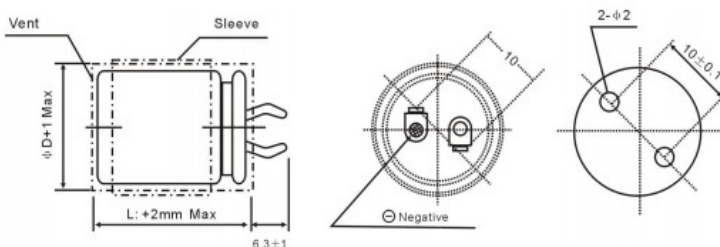
STANDARD RATINGS

capacitance	Voltage	tolerance	dimension	P	Ripple current 105C at 120Hz	P/N
(μ F)	(V.DC)	(%)	(mm)	(mm)	(Arms)	
470	400	± 20	35x45	10	1.31	JNE2G471M10003500450
680	400	± 20	30x60	10	1.70	JNE2G681M10003000600
3300	100	± 20	30x50	10	3.33	JNE2A332M10003000500
4700	100	± 20	35x50	10	4.16	JNE2A472M10003500500
22000	25	± 20	30x45	10	4.28	JNE1E223M10003000450
33000	25	± 20	35x50	10	5.40	JNE1E333M10003500500
22000	50	± 20	35x50	10	6.25	JNE1H223M10003500500
10000	80	± 20	35x50	10	5.1	JNE1K103M10003500500
100	450	± 20	25x30	10	0.71	JNE2W101M10002500300
150	450	± 20	22x40	10	0.82	JNE2W151M10002200400
330	450	± 20	30x45	10	1.19	JNE2W331M10003000450
470	450	± 20	30x50	10	1.54	JNE2W471M10003000500

SPECIFICATIONS

Items	Performance Characteristics					
Operating Temperature Range ($^{\circ}$ C)	-40 $^{\circ}$ C ~ +105 $^{\circ}$ C			-25 $^{\circ}$ C ~ +105 $^{\circ}$ C		
Voltage Range (V)	25,50,80,100			400,450		
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)	25	50	80,100	400,450	
	Tan δ (max)	0.40	0.30	0.2	0.2	
Temperature Stability (120Hz)	Rated Voltage (V)	25	50	80,100	400,450	
	Impedance Ratio	Z-25 $^{\circ}$ C/Z+20 $^{\circ}$ C	4	4	4	4
		Z-40 $^{\circ}$ C/Z+20 $^{\circ}$ C	15	15	15	--
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)					
25,50	0.95	1	1.10	1.15	1.15
80,100	0.95	1	1.16	1.30	1.33
400,450	0.90	1	1.20	1.50	1.55

Temperature coefficient:

Temperature($^{\circ}$ C)	+40	+55	+70	+85	+105
Factor	2.7	2.5	2.1	1.7	1

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