

Aluminum Electrolytic Capacitor –JNE

STANDARD RATINGS

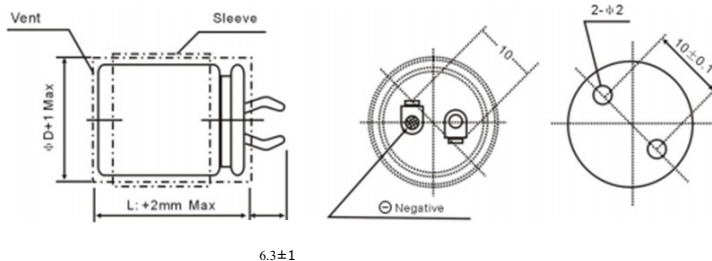
P/N: JNE1V682M10002500350

capacitance	Working Voltage	tolerance	dimension	P	Ripple current 105C at 120Hz
(μ F)	(V.DC)	(%)	(mm)	(mm)	(Arms)
6800	35	± 20	25x35	10	2.32

SPECIFICATIONS

Items	Performance Characteristics	
Operating Temperature Range ($^{\circ}$ C)	-40 $^{\circ}$ C ~ +105 $^{\circ}$ C	
Voltage Range (V)	35	
Capacitance Range (μ F)	6800	
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)	35
	Tan δ (max)	0.35
Temperature Stability (120Hz)	Rated Voltage (V)	
	Impedance Ratio	Z-25 $^{\circ}$ C/Z+20 $^{\circ}$ C
		Z-40 $^{\circ}$ 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)					
35	0.95	1	1.10	1.15	1.15

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.