

# Aluminum Electrolytic Capacitor – JNE

## FEATURES

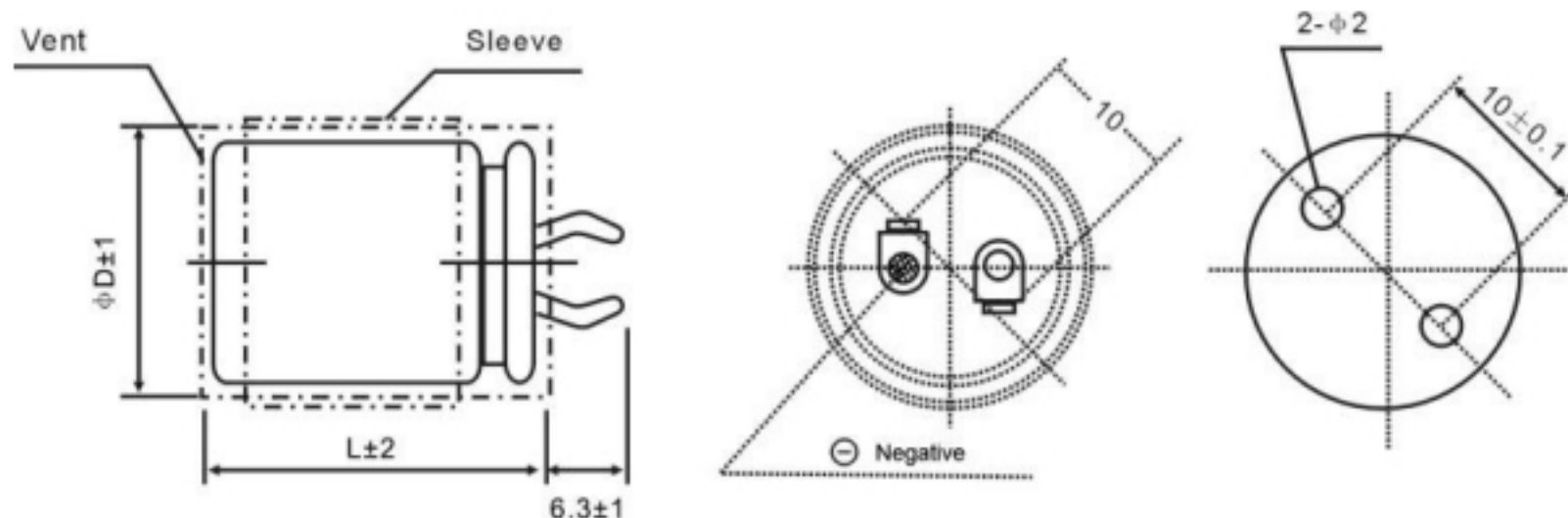
- Load life of 2000 hours at 105°C
- High ripple current
- Smaller size
- PCB Mounting



## SPECIFICATIONS

Items	Performance Characteristics																																												
Operating Temperature Range (°C)	-40°C ~ +105°C	-25°C ~ +105°C																																											
Voltage Range (V)	10 ~ 100	160 ~400																																											
Capacitance Tolerance (25°C, 120Hz)	±20%																																												
Leakage Current (µA)	0.01CV or 1.5mA whichever is smaller. (25°C, after 5 minutes) C: Nominal Capacitance (µF) V: Rated Voltage (V)																																												
Dissipation Factor (25°C, 120Hz)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63~100</th> <th>160~200</th> <th>250~400</th> </tr> </thead> <tbody> <tr> <td>Tan δ</td> <td>0.50</td> <td>0.50</td> <td>0.40</td> <td>0.35</td> <td>0.30</td> <td>0.20</td> <td>0.15</td> <td>0.15</td> </tr> </tbody> </table>									Rated Voltage (V)	10	16	25	35	50	63~100	160~200	250~400	Tan δ	0.50	0.50	0.40	0.35	0.30	0.20	0.15	0.15																		
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Shelf Life (+105°C)	500hours, No voltage applied. After test: U <sub>R</sub> 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	0.90	1	1.20	1.50	1.55

### Temperature coefficient

Temperature(°C)	+40	+55	+70	+85	+105
Factor	2.7	2.5	2.1	1.7	1