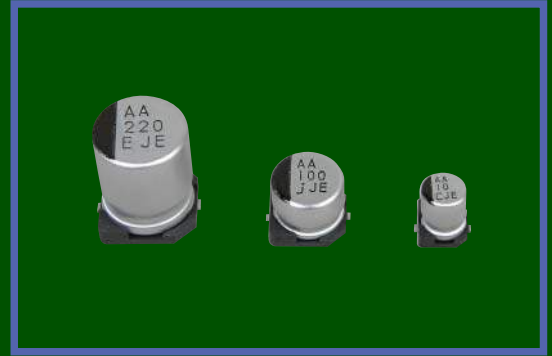


JEV SERIES

85°C Standard, High Temperature Reflow Soldering.

◆ FEATURES

- *Case Dia. φ4~φ10mm
- *RoHS compliance
- *High Temperature reflow soldering is available
- *Available for high density mounting



◆ SPECIFICATIONS

Items	Characteristics																					
Category Temperature Range	-40 ~ +85°C																					
Rated Voltage Range	6.3-50V DC																					
Capacitance Tolerance	±20%(20°C, 120Hz)																					
Leakage Current(MAX)	$I \leq 0.1CV$ or $1 \mu A$ whichever is greater. (After 2 minutes application of rated voltage) (I: Leakage Current(μA), C: Rated Capacitance(μF), V: Rated voltage(V))																					
Dissipation Factor(MAX) (tanδ)																						
Endurance	After applying rated voltage with rated ripple current for 2000 hrs at 85°C, the capacitors shall meet the following requirements: <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value	Leakage Current	Not more than the specified value															
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Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>20~25°C (V_{20~25}/V₈₅)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>2~40°C (V_{2~40}/V₈₅)</td> <td>6</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> </tr> </tbody> </table> (120Hz)	Rated Voltage (V)	6.3	10	16	25	35	50	20~25°C (V _{20~25} /V ₈₅)	4	3	2	2	2	2	2~40°C (V _{2~40} /V ₈₅)	6	6	4	4	3	3
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2~40°C (V _{2~40} /V ₈₅)	6	6	4	4	3	3																

◆ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz)	60(50)	120	500	1k	10k≦
0.1~1μF	0.80	1.00	1.20	1.30	1.50
2.2~4.7μF	0.85	1.00	1.20	1.30	1.50
10~47μF	0.90	1.00	1.20	1.30	1.50
100~1000μF	0.90	1.00	1.10	1.15	1.20

◆ MARKING

AA Case Size
47 Capacitance
CJE Rated Voltage Code

Rated Voltage (V)	6.3	10	16	25	35	50
Rated Voltage code	J	A	C	E	V	H

◆ Polarity of the terminals

◆ PART NUMBER



