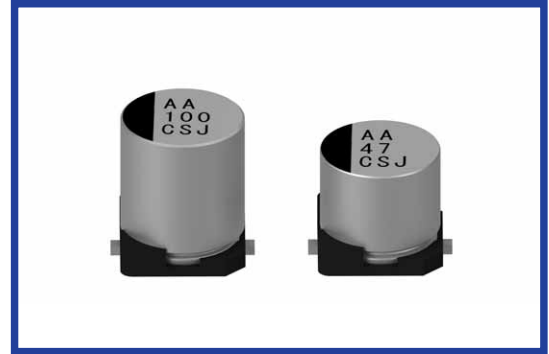


SJV SERIES

Load Life : 105°C 3000 hours

RoHS compliance

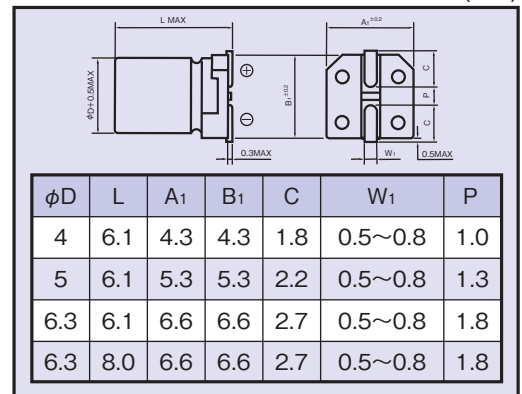


SPECIFICATIONS

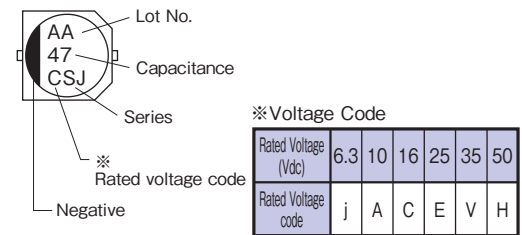
Items	Characteristics																												
Category Temperature Range	-40~+105°C																												
Rated Voltage Range	6.3~50Vdc																												
Capacitance Tolerance	±20% (20°C, 120Hz)																												
Leakage Current(MAX)	I=0.01CV or 3μA whichever is greater. (After 2 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(Vdc)																												
Dissipation Factor(MAX) (tanδ)	<table border="1"> <tr> <td>Rated Voltage (Vdc)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>(20°C, 120Hz)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>tanδ</td> <td>0.30</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.14</td> </tr> </table>	Rated Voltage (Vdc)	6.3	10	16	25	35	50	(20°C, 120Hz)							tanδ	0.30	0.24	0.20	0.16	0.14	0.14							
Rated Voltage (Vdc)	6.3	10	16	25	35	50																							
(20°C, 120Hz)																													
tanδ	0.30	0.24	0.20	0.16	0.14	0.14																							
Endurance	After applying rated voltage with rated ripple current for 3000 hours at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±30% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 300% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	Capacitance Change	Within ±30% of the initial value.	Dissipation Factor	Not more than 300% of the specified value.	Leakage Current	Not more than the specified value.																						
Capacitance Change	Within ±30% of the initial value.																												
Dissipation Factor	Not more than 300% of the specified value.																												
Leakage Current	Not more than the specified value.																												
Low Temperature Stability Impedance Ratio(MAX)	<table border="1"> <tr> <td>Rated Voltage (Vdc)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>(120Hz)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>14</td> <td>12</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> </tr> </table>	Rated Voltage (Vdc)	6.3	10	16	25	35	50	(120Hz)							Z(-25°C)/Z(20°C)	4	3	2	2	2	2	Z(-40°C)/Z(20°C)	14	12	8	6	4	3
Rated Voltage (Vdc)	6.3	10	16	25	35	50																							
(120Hz)																													
Z(-25°C)/Z(20°C)	4	3	2	2	2	2																							
Z(-40°C)/Z(20°C)	14	12	8	6	4	3																							

DIMENSIONS

(mm)



MARKING



MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)	60(50)	120	500	1k	10k≤
0.47~1μF	0.50	1.00	1.20	1.30	1.50
2.2~4.7μF	0.65	1.00	1.20	1.30	1.50
10~47μF	0.80	1.00	1.20	1.30	1.50
100~220μF	0.80	1.00	1.10	1.15	1.20

STANDARD SIZE Size φD×L(mm), Rated Ripple Current (mA r.m.s./105°C, 120Hz)

Vdc	Cap (μF)	Size (φD×L)	Rated Ripple Current
6.3	22	4×6.1	22
	47	5×6.1	38
	100	6.3×6.1	69
	220	6.3×8	120
10	33	5×6.1	35
16	10	4×6.1	18
	22	5×6.1	30
	47	6.3×6.1	50
	100	6.3×8	81

Vdc	Cap (μF)	Size (φD×L)	Rated Ripple Current
25	33	6.3×6.1	50
	47	6.3×8	63
35	4.7	4×6.1	16
	10	5×6.1	27
	22	6.3×6.1	44
	33	6.3×8	57

Vdc	Cap (μF)	Size (φD×L)	Rated Ripple Current
50	0.47	4×6.1	4
	1	4×6.1	8
	2.2	4×6.1	11
	3.3	4×6.1	14
	4.7	5×6.1	19
	10	6.3×6.1	32
	22	6.3×8	58

PART NUMBER

