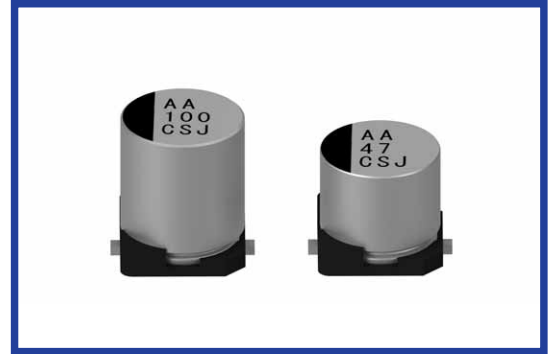


SJV SERIES

Load Life : 105°C 3000 hours

RoHS compliance

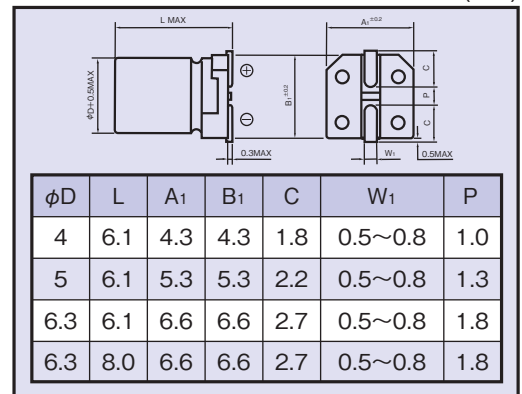


SPECIFICATIONS

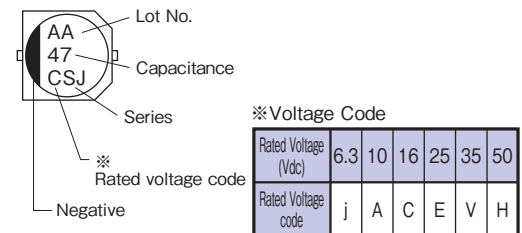
Items	Characteristics																					
Category Temperature Range	-40~+105°C																					
Rated Voltage Range	6.3~50Vdc																					
Capacitance Tolerance	±20% (20°C, 120Hz)																					
Leakage Current(MAX)	I=0.01CV or 3μA whichever is greater. (After 2 minutes application 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>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> <p>(20°C, 120Hz)</p>	Rated Voltage (Vdc)	6.3	10	16	25	35	50	tanδ	0.30	0.24	0.20	0.16	0.14	0.14							
Rated Voltage (Vdc)	6.3	10	16	25	35	50																
tanδ	0.30	0.24	0.20	0.16	0.14	0.14																
Endurance	<p>After applying rated voltage with rated ripple current for 3000 hours at 105°C, the capacitors shall meet the following requirements.</p> <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>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> <p>(120Hz)</p>	Rated Voltage (Vdc)	6.3	10	16	25	35	50	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																
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

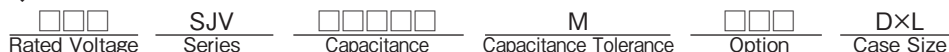
STANDARD SIZE Size φD×L(mm), Rated Ripple Current (mA r.m.s./105°C, 120Hz)

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



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[VES101M1CTR-0605](#) [TYEH1H475E55MTR](#) [6.3SEV22M4X5.5](#) [6.3SEV47M4X5.5](#) [EEEFK1H151GP](#) [EEEFK1A681GP](#) [EEE0GA471XP](#)
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