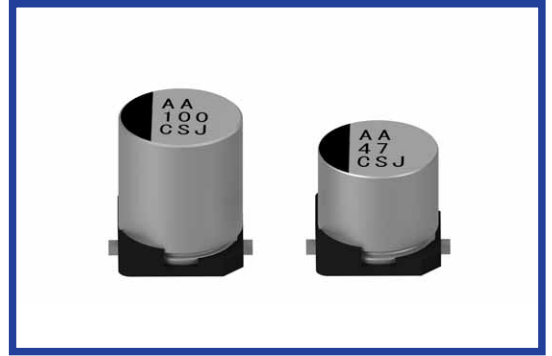


SJV SERIES

Load Life : 105°C 3000 hours

RoHS compliance

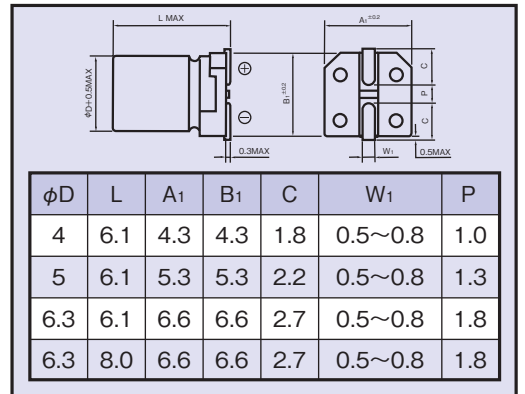


SPECIFICATIONS

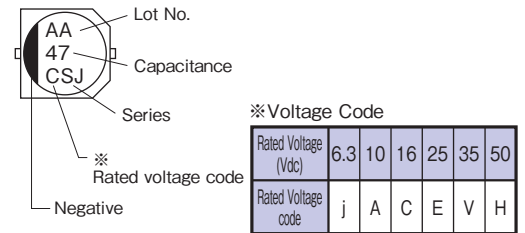
Items	Characteristics	
Category Temperature Range	-40~+105°C	
Rated Voltage Range	6.3~50Vdc	
Capacitance Tolerance	±20% (20°C, 120Hz)	
Leakage Current(MAX)	I=0.01CV or 3μA whichever is greater. (After 2 minutes application of rated voltage) I=Leakage Current(μA) C=Capacitance(μF) V=Rated Voltage(Vdc)	
Dissipation Factor(MAX) (tanδ)	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	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)	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≤
Coefficient	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

