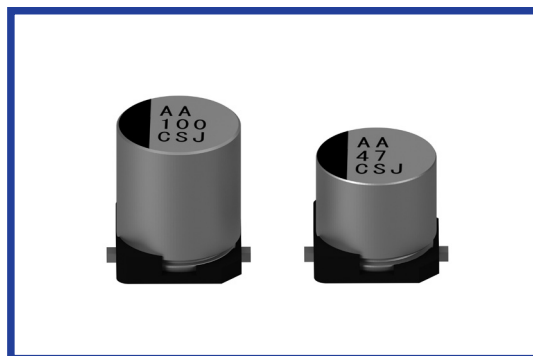


SJV 系列  
SERIES

105°C 3000小时品  
Load Life : 105°C 3000 hours

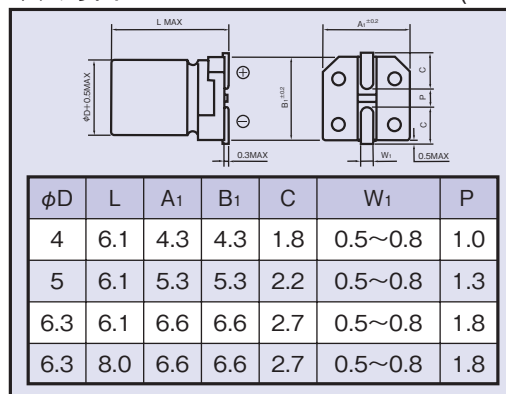
RoHS compliance



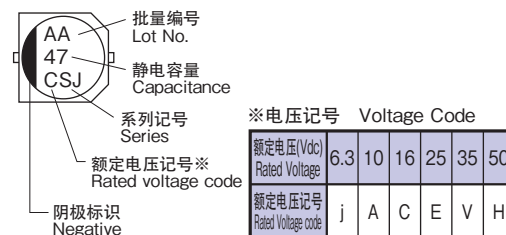
规格表 / SPECIFICATIONS

项目 Items	特性 Characteristics							
工作温度范围 Category Temperature Range	-40~+105°C							
额定电压范围 Rated Voltage Range	6.3~50Vdc							
静电容量允许差 Capacitance Tolerance	±20% (20°C, 120Hz)							
漏电流 Leakage Current (MAX)	小于I=0.01CV和3μA中的较大值 (施加额定电压2分钟后) I=0.01CV or 3μA whichever is greater. (After 2 minutes application of rated voltage)							
损失角正切值 (tanδ) Dissipation Factor (MAX)	额定电压(Vdc) Rated Voltage	6.3	10	16	25	35	50	(20°C, 120Hz)
	tanδ	0.30	0.24	0.20	0.16	0.14	0.14	
耐久性 Endurance	在105°C环境中, 不超过额定电压的范围内叠加额定纹波电流, 连续加载3000小时后, 满足以下各项要求。 After applying rated voltage with rated ripple current for 3000 hours at 105°C, the capacitors shall meet the following requirements.							
	静电容量变化率 Capacitance Change	初期值的±30%以内 Within ±30% of the initial value.						
	损失角正切值 Dissipation Factor	规格值的300%以下 Not more than 300% of the specified value.						
低温特性 Low Temperature Stability (阻抗比) Impedance Ratio (MAX)	额定电压(Vdc) Rated Voltage	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	

尺寸图 / DIMENSIONS (mm)



标识 / MARKING



纹波电流修正系数 / MULTIPLIER FOR RIPPLE CURRENT

频率 (Hz) Frequency	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

标准品一览表 / 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	
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	
50	33	6.3×8	57	
	0.47	4×6.1	4	
	1	4×6.1	8	
50	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	

产品型号体系 / PART NUMBER

□□□	SJV	□□□□□	M	□□□	D×L
额定电压 Rated Voltage	系列名称 Series	静电容量 Capacitance	静电容量允许差 Capacitance Tolerance	副记号 Option	铝壳尺寸 Case Size