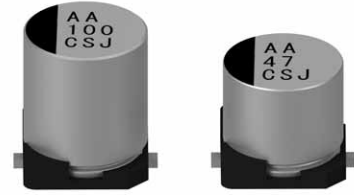


SJV シリーズ
SERIES

105°C 3000時間品
Load Life : 105°C 3000 hours

RoHS
compliance

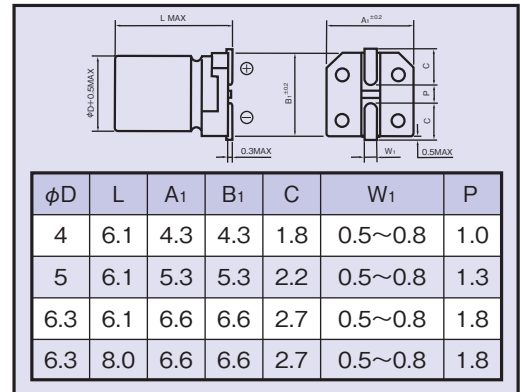
新規採用非推奨品
NOT recommended for new designs



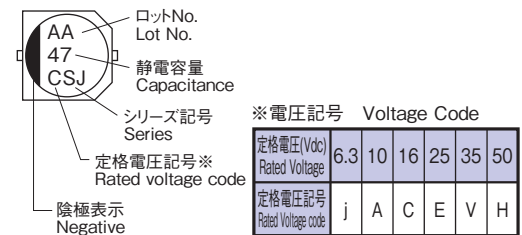
◆規格表 / SPECIFICATIONS

項目 Items	特性 Characteristics							
カテゴリ温度範囲 Category Temperature Range	-40~+105°C							
定格電圧範囲 Rated Voltage Range	6.3~50Vdc							
静電容量許容差 Capacitance Tolerance	±20% (20°C, 120Hz)							
漏れ電流 Leakage Current (MAX)	I=0.01CV又は3μAのいずれか大なる値以下 (定格電圧印加2分後) I=0.01CV or 3μA whichever is greater. (After 2 minutes application of rated voltage)							
損失角の正接 (tanδ) Dissipation Factor (MAX)	定格電圧 (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	105°C中で3000時間定格電圧(リップル重畳)印加後、下記項目を満足すること。 After applying rated voltage with rated ripple current for 3000 hours at 105°C, the capacitors shall meet the following requirements.							
	静電容量変化率 Capacitance Change	初期値の±30%以内 Within ±30% of the initial value.						
	損失角の正接 Dissipation Factor	規格値の300%以下 Not more than 300% of the specified value.						
	漏れ電流 Leakage Current	規格値以下 Not more than the specified value.						
低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio (MAX)	定格電圧 (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	

◆寸法図 / DIMENSIONS (mm)



◆表示 / MARKING



◆リップル電流補正係数 / MULTIPLIER FOR RIPPLE CURRENT

周波数 (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

◆標準品一覧表 / 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

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

◆呼称方法 / PART NUMBER

