

SJV シリーズ
SERIES

105°C 3,000 時間品
105°C 3,000 hours

RoHS
Compliance

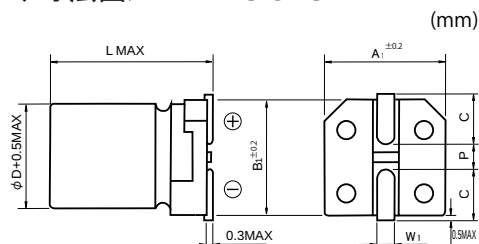
新規採用非推奨品
NOT Recommended for new designs



◆規格表／SPECIFICATIONS

項目 Items	特性 Characteristics																						
カテゴリ温度範囲 Category Temperature Range	-55 ~ +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 $3\mu A$ のいずれか大なる値以下 (定格電圧印加2分後) $I = 0.01CV$ or $3\mu A$ whichever is greater. (After 2 minute) I = 漏れ電流 (μA) C = 静電容量 (μF) V = 定格電圧 (Vdc) I = Leakage Current C = Capacitance V = Rated Voltage																						
損失角の正接 ($\tan \delta$) Dissipation Factor (MAX)	(20°C, 120Hz) <table border="1"> <tr> <td>定格電圧 (Vdc) Rated Voltage</td><td>6.3</td><td>16</td><td>25</td><td>35</td><td>50</td></tr> <tr> <td>$\tan \delta$</td><td>0.30</td><td>0.20</td><td>0.16</td><td>0.14</td><td>0.14</td></tr> </table>					定格電圧 (Vdc) Rated Voltage	6.3	16	25	35	50	$\tan \delta$	0.30	0.20	0.16	0.14	0.14						
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耐久性 Endurance	105°C 中で 3000 時間定格電圧 (リプル重畳) 印加後、下記の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. <table border="1"> <tr> <td>静電容量変化率 Capacitance Change</td><td colspan="5">初期値の ±30% 以内 Within ±30% of the initial value.</td></tr> <tr> <td>損失角の正接 Dissipation Factor</td><td colspan="5">規定値の 300% 以下 Not more than 300% of the specified value.</td></tr> <tr> <td>漏れ電流 Leakage Current</td><td colspan="5">規格値以下 Not more than the specified value.</td></tr> </table>					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	規定値の 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.				
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低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio (MAX)	(120Hz) <table border="1"> <tr> <td>定格電圧 (Vdc) Rated Voltage</td><td>6.3</td><td>16</td><td>25</td><td>35</td><td>50</td></tr> <tr> <td>$Z(-25^\circ C) / Z(+20^\circ C)$</td><td>4</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr> <td>$Z(-40^\circ C) / Z(+20^\circ C)$</td><td>14</td><td>8</td><td>6</td><td>4</td><td>3</td></tr> </table>					定格電圧 (Vdc) Rated Voltage	6.3	16	25	35	50	$Z(-25^\circ C) / Z(+20^\circ C)$	4	2	2	2	2	$Z(-40^\circ C) / Z(+20^\circ C)$	14	8	6	4	3
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◆寸法図／DIMENSIONS

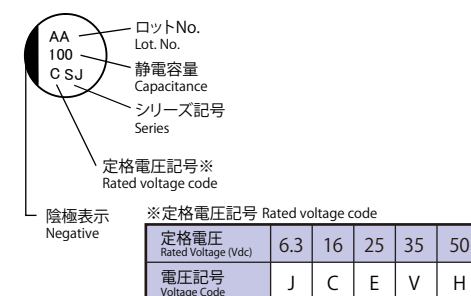


φD	L	A1	B1	C	W1	P
6.3	8	6.6	6.6	2.7	0.5~0.8	1.8

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

周波数 (Hz) Frequency	50(60)	120	500	1k	10k≤
22~47 μF	0.80	1.00	1.20	1.30	1.50
100~220 μF	0.80	1.00	1.10	1.15	1.20

◆表示／MARKING



◆呼称方法／PART NUMBER

□□□	SJV	□□□□□	M	□□□	φD×L
定格電圧 Rated Voltage	シリーズ名 Series	静電容量 Capacitance	静電容量許容差 Capacitance Tolerance	副記号 Option	ケースサイズ Case Size

◆標準品一覧表／STANDARD SIZE

定格電圧 Rated Voltage (Vdc)	静電容量 Capacitance (μF)	外形寸法 Size φD×L(mm)	定格リプル電流 Rated Ripple Current (mA rms / 105°C, 120Hz)
6.3	220	6.3×8	120
16	100	6.3×8	81
25	47	6.3×8	63
35	33	6.3×8	57
50	22	6.3×8	58