

SKV シリーズ
SERIES

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

105°C 標準品
105°C Standard

・105°C 1000時間品。
Load Life : 105°C 1000 hours.

RoHS
compliance



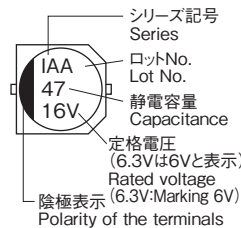
◆規格表 / SPECIFICATIONS

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) I=漏れ電流(μA) Leakage Current C=静電容量(μF) Capacitance V=定格電圧(Vdc) Rated Voltage																								
損失角の正接 (tanδ) Dissipation Factor (MAX)	<table border="1"> <tr> <td>定格電圧(Vdc) Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>(20°C, 120Hz)</td> </tr> <tr> <td rowspan="2">tanδ</td> <td>φ4~φ6.3</td> <td>0.30</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> <tr> <td>φ8, φ10</td> <td>0.35</td> <td>0.26</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </table>	定格電圧(Vdc) Rated Voltage	6.3	10	16	25	35	50	(20°C, 120Hz)	tanδ	φ4~φ6.3	0.30	0.24	0.20	0.16	0.14	0.12	φ8, φ10	0.35	0.26	0.20	0.16	0.14	0.12	
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耐久性 Endurance	105°C中で1000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 1000 hrs 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>初期値の±30%以内 (φ8, 10 : ±25%) Within ±30% of the initial value. (φ8, 10: ±25%)</td> </tr> <tr> <td>損失角の正接 Dissipation Factor</td> <td>規格値の300%以下 (φ8, 10 : 200%) Not more than 300% of the specified value. (φ8, 10: 200%)</td> </tr> <tr> <td>漏れ電流 Leakage Current</td> <td>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 (φ8, 10 : ±25%) Within ±30% of the initial value. (φ8, 10: ±25%)	損失角の正接 Dissipation Factor	規格値の300%以下 (φ8, 10 : 200%) Not more than 300% of the specified value. (φ8, 10: 200%)	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)	<table border="1"> <tr> <td>定格電圧(Vdc) Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>(120Hz)</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> <td></td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>8</td> <td>8</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td></td> </tr> </table>	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)	8	8	4	4	3	3	
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◆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
100~1000μF	0.80	1.00	1.10	1.15	1.20

◆表示 / MARKING





◆呼称方法 / PART NUMBER

□□□	SKV	□□□□□	□	□□□	DxL
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

Looking for pricing, stock, or lifecycle information?

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-  [Rubycon Information](#)

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