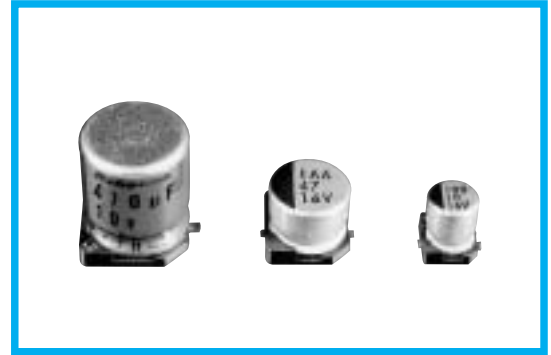


**SKV SERIES**
**105°C, Lead Free Reflow Soldering.**
**◆FEATURES**

- Load Life : 105°C 1000 hours.
- Lead free reflow soldering is available.
- Available for high density mounting.
- RoHS compliance.


**◆SPECIFICATIONS**

Items	Characteristics																								
Category Temperature Range	-55~+105°C																								
Rated Voltage Range	6.3~50V.DC																								
Capacitance Tolerance	±20% (20°C, 120Hz)																								
Leakage Current(MAX)	I=0.01CV or 3 μA whichever is greater. (After 2 minutes application of rated voltage) I=Leakage Current( μ A)      C=Rated Capacitance( μ F)      V=Rated Voltage(V)																								
Dissipation Factor(MAX) (tan δ)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>(20°C, 120Hz)</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>φ 4~ φ 6.3</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></td> <td>φ 8, φ 10</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> </tbody> </table>	Rated Voltage (V)	6.3	10	16	25	35	50	(20°C, 120Hz)	tan δ	φ 4~ φ 6.3	0.30	0.24	0.20	0.16	0.14	0.12		φ 8, φ 10	0.35	0.26	0.20	0.16	0.14	0.12
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Endurance	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>Capacitance Change</td> <td>Within ±30% of the initial value. ( φ 8,10:±25%)</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 300% of the specified value. ( φ 8,10:200%)</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	Capacitance Change	Within ±30% of the initial value. ( φ 8,10:±25%)	Dissipation Factor	Not more than 300% of the specified value. ( φ 8,10:200%)	Leakage Current	Not more than the specified value.																		
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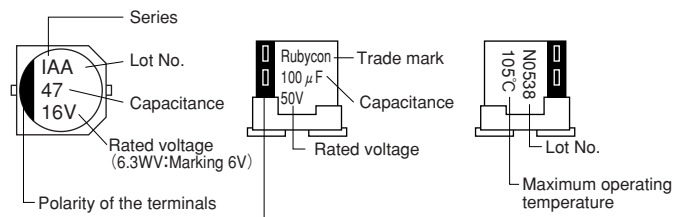
**◆MULTIPLIER FOR RIPPLE CURRENT**

Frequency coefficient

Frequency (Hz)	60(50)	120	500	1k	10k	≤
0.1~1 μF	0.50	1.00	1.20	1.30	1.50	
2.2~4.7 μF	0.65	1.00	1.20	1.30	1.50	
10~47 μF	0.80	1.00	1.20	1.30	1.50	
100~1000 μF	0.80	1.00	1.10	1.15	1.20	

**◆MARKING**

&lt; φ 4~ φ 6.3, φ 8×6.5 &gt;      &lt; φ 8×10.5, φ 10 &gt;


**◆PART NUMBER**
