

ALUMINUM ELECTROLYTIC CAPACITORS

LK series

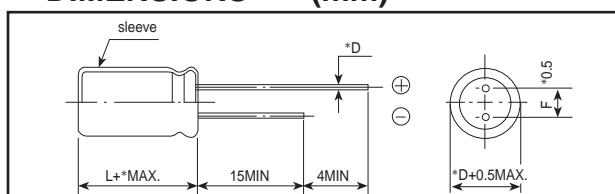
LOW LEAKAGE CURRENT TYPE

- Excellent shelf performance
- Leakage current is very low after subject to high temperature, no load condition.
- Units of *6.3 or more are furnished with safety case vents.
- Solvant proof

* SPECIFICATIONS

Items	Performance Characteristics															
Operating Temperature Range	-40~+85*															
Voltage Range	6.3 ~ 50V															
Capacitance Range	0.1~3300*F															
Capacitance Tolerance	*20%(m)(-10~+10%(K)is available at requests)(at 120Hz,25*)															
Leakage Current(MAX)	After 2 minutes application of rated voltage,leakage current is not more than 0.002CV or 4 (*A),whichever is greater.															
(tan *)	<table border="1"> <tr> <td>Rated voltage(V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>tan*(MAX)</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </table> <p>For capacitance of more than 1000*F, add 0.02 for every increase of 1000*F, (at 120Hz, 25*)</p>	Rated voltage(V)	6.3	10	16	25	35	50	tan*(MAX)	0.24	0.20	0.16	0.14	0.12	0.10	
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Stability at Low Temperature	<p>Measurement frequency:120Hz</p> <table border="1"> <tr> <td>Rated Voltage(V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25, 35, 50</td> </tr> <tr> <td>Impedance ratio Z(-25°)/ Z(+20°)</td> <td>3</td> <td>2</td> <td>2</td> <td>1.5</td> </tr> <tr> <td>ZT/Z20(MAX) Z(-40°)/ Z(+20°)</td> <td>5</td> <td>4</td> <td>3</td> <td>2</td> </tr> </table>	Rated Voltage(V)	6.3	10	16	25, 35, 50	Impedance ratio Z(-25°)/ Z(+20°)	3	2	2	1.5	ZT/Z20(MAX) Z(-40°)/ Z(+20°)	5	4	3	2
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Load Life	<p>The following specifications shall be satisfied when the capacitors are restored to 20* after the rate voltage applied for 2,000hours at 85*</p> <table border="1"> <tr> <td>Leakage Current</td> <td>Initial specified value or less</td> </tr> <tr> <td>Capacitance Change</td> <td>whthin *15% of initial value.</td> </tr> <tr> <td>tan*</td> <td>150% or less of initial specified value</td> </tr> </table>	Leakage Current	Initial specified value or less	Capacitance Change	whthin *15% of initial value.	tan*	150% or less of initial specified value									
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Shelf Life	After leaving capacitors under no load of 85* for 1000 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.															
Standards	According to JIS C-5141															

* DIMENSIONS (mm)



*D	5	6.3	8	10	13	16	
*d	0.5	0.5	0.6	0.6	0.6	0.8	
F	2.0	2.5	3.5	5.0	5.0	7.5	
*	1.5			2.0			

CATALOG NUMBERING SYSTEM (Example:10V 100*F)

