

ALUMINUM ELECTROLYTIC CAPACITORS

SS series

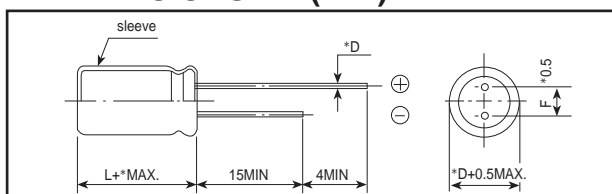
7mm L, ULTRA MINIATURE TYPE

- Ultra miniature type capacitors, with 7mm height are developed to cope with the design of smaller and thinner electronic equipments
- Load life of 1000 hours at 85*
- Solvent proof

* SPECIFICATIONS

Items	Performance Characteristics																								
Operating Temperature Range	-40~+85*																								
Voltage Range	4 ~ 50V																								
Capacitance Range	0.1~470*F																								
Capacitance Tolerance	*20% of 120Hz,25*																								
Leakage Current(MAX)	After 2 minutes application of rated voltage,leakage current is not more than 0.01CV or 3 (*A),whichever is greater.																								
(tan *)	Measurement frequency: 120Hz, Temperature:25* <table border="1"> <tr> <td>Rated voltage(V)</td> <td>4</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>0.35</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>	Rated voltage(V)	4	6.3	10	16	25	35	50	tan*(MAX)	0.35	0.24	0.20	0.16	0.14	0.12	0.10								
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Stability at Low Temperature	Measurement frequency:120Hz <table border="1"> <tr> <td>Rated Voltage(V)</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>Impedance ratio Z(-25°)/Z(+20°)</td> <td>6</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>ZT/Z20(MAX) Z(-40°)/Z(+20°)</td> <td>12</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> </tr> </table>	Rated Voltage(V)	4	6.3	10	16	25	35	50	Impedance ratio Z(-25°)/Z(+20°)	6	4	3	2	2	2	2	ZT/Z20(MAX) Z(-40°)/Z(+20°)	12	8	6	4	4	3	3
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Load Life	After 1000 hours' application of rated voltage at 85* capacitors meet the characteristics requirements listed at right. <table border="1"> <tr> <td>Leakage Current</td> <td>Initial specified value or less</td> </tr> <tr> <td>Capacitance Change</td> <td>whthin *20% of initial value.</td> </tr> <tr> <td>tan*</td> <td>200% or less of initial specified value</td> </tr> </table>	Leakage Current	Initial specified value or less	Capacitance Change	whthin *20% of initial value.	tan*	200% or less of initial specified value																		
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Shelf Life	After leaving capacitors under no load of 85* for 500 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	4	5	6.3	8
*d	0.45	0.45	0.45	0.5
F	1.5	2.0	2.5	3.5
*	1.0			

CATALOG NUMBERING SYSTEM (Example:16V 100*F)

