



ALUMINUM ELECTROLYTIC CAPACITORS

LZG series

* FEATURES

ULTRA. Low impedance at 100kHz

* SPECIFICATIONS

Items	Characteristics																												
Operating Temperature	-55*~+105*																												
Rated Voltage Range	6.3 ~ 100V.DC																												
Capacitance Tolerance	*20% (20*,120Hz)																												
Leakage Current(MAX)	I= 0.01CV or 3* A whichever is greater.(After 2 minutes) I= Leakage Current (*A) C= Nominal Capacitance(*F) V=Rated Voltage(V)																												
Dissipation Factor (tan *)	<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>63</th> <th>100</th> <th rowspan="2">MAX (20* 120Hz)</th> </tr> </thead> <tbody> <tr> <td>Tan*</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> </tr> </tbody> </table> <p>When nominal capacitance is over 1000*F, tan *shall be added 0.02 to the listed value with increase of every 1000*F.</p>	Rated Voltage (V)	6.3	10	16	25	35	50	63	100	MAX (20* 120Hz)	Tan*	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08									
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Shelf Life	After leaving capacitors under no load of 105* for 2000 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.																												
Reference Standard	JIS C 5141																												

* MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz) Cap(*F)	60(50)	120	1K	10K	*100K
6.8~33	0.45	0.55	0.75	0.90	1.00
39~330	0.60	0.70	0.85	0.95	1.00
390~1000	0.65	0.75	0.90	0.98	1.00
1200~18000	0.75	0.80	0.95	1.00	1.00