ALUMINUM ELECTROLYTIC CAPACITORS
LSK Series: Snap-In, 105°C, 5000 hrs

RoHS

FEATURES

- Snap-in, 105°C
- 5,000 hour life

SPECIFICATIONS

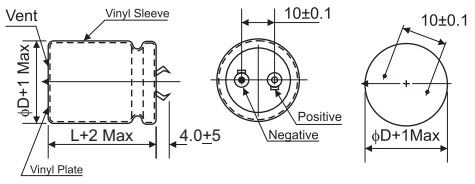
Items	Performance						
Operating Temperature Range	-25℃ ~ +105℃						
Capacitance Tolerance	±20% (at 120Hz, 20℃)						
Leakage Current (at 20℃)	I = 0.01CV or 3 mA whichever is smaller (after 5 minutes) Where, C= rated capacitance in μF. V= rated DC working voltage in V.						
Dissipation Factor (Tanδ at 120Hz, 20°C)	Rated Voltage	200	250	350	400	450	
	Tan (max)	0.15	0.15	0.15	0.15	0.15	
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.						
	Rated Voltage			200	250	350	400	400
	Impedance Ratio	Z (-25℃)/Z(+20℃)		4	4	4	8	8
Load Life Test	Test Time	5,000 Hrs					
	Capacitance Change	Within ±20% of initial value					
	Dissipation Factor	Less than 250% of specified value					
	Leakage Current	Within specified value					
	* The above specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied for 5,000 hrs at 105℃						
Shelf Life Test	Test Time	1,000 Hrs					
	Capacitance Change	Within ±20% of initial value					
	Dissipation Factor	Less than 150% of specified value					
	Leakage Current	Within specified value					
	* The above specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hrs at 105℃ without voltage applied. The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5102)						
Ripple Current & Frequency Multipliers	Freq. (Hz)	50/60	120	300	1K	10K up	
	Multiplier	0.8	1.0	1.1	1.3	1.4	
Other Standards	JIS C 5101-4						

PART NUMBER EXAMPLE

LSK 101 M 2G 220 350

- Terminal Lengh: Blank = 6.3mm, A = 4.0mm
- Case Size (22mm X 30mm)
- Rated Voltage (400V)
- Capacitance tolerance (±20%)
- Capacitance (100 F)
- Series name

SNAP-IN TERMINAL TYPE



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INTERNATIONAL

DIMENSIONS & PERMISSABLE RIPPLE CURRENT

Dimension: ΦDxL (mm); Ripple Current: A/RMS at 120Hz, 85°C

WV / Cap. / ΦD	200V (2D)								250V (2E)							
	22		25		30		35		22		25		30		35	
150									22 x 25	0.57						
180									22 x 30	0.66	25 x 25	0.66				
220	22 x 25	0.72							22 x 35	0.75	25 x 25	0.75				
270	22 x 30	0.81	25 x 25	0.81					22 x 40	0.85	25 x 30	0.83	30 x 25	0.85		
330	22 x 35	0.92	25 x 30	0.92	30 x 25	0.94			22 x 45	0.96	25 x 35	0.96	30 x 30	0.96	35 x 25	1.02
390	22 x 40	1.02	25 x 30	1.01	30 x 25	1.01			22 x 50	1.08	25 x 40	1.07	30 x 30	1.07	35 x 25	1.12
470	22 x 50	1.17	25 x 35	1.15	30 x 30	1.15	35 x 25	1.22			25 x 50	1.22	30 x 35	1.19	35 x 30	1.22
560			25 x 45	1.28	30 x 35	1.30	35 x 25	1.31					30 x 40	1.35	35 x 35	1.36
680			25 x 50	1.48	30 x 40	1.49	35 x 30	1.47					30 x 50	1.58	35 x 40	1.57
820					30 x 45	1.67	35 x 35	1.65							35 x 45	1.75
1,000					30 x 50	1.91	35 x 40	1.90							35 x 50	2.02
1,200							35 x 50	2.21								

WV / Cap. / ΦD	350V (2V)								400V (2G)							
	22		25		30		35		22		25		30		35	
56									22 x 25	0.34						
68	22 x 25	0.39							22 x 30	0.44	25 x 25	0.40				
82	22 x 30	0.49							22 x 35	0.50	25 x 25	0.50				
100	22 x 35	0.55	25 x 25	0.49					22 x 35	0.56	25 x 30	0.50	30 x 25	0.51		
120	22 x 4	0.63	25 x 30	0.55	30 x 25	0.56			22 x 40	0.57	25 x 35	0.58	30 x 25	0.59	35 x 25	0.61
150	22 x 45	0.61	25 x 35	0.60	30 x 25	0.60	35 x 25	0.69	22 x 50	0.67	25 x 40	0.66	30 x 25	0.65	35 x 25	0.73
180	22 x 50	0.73	25 x 40	0.72	30 x 30	0.71	35 x 25	0.80			25 x 45	0.75	30 x 35	0.74	35 x 30	0.83
220			25 x 50	0.93	30 x 35	0.82	35 x 30	0.83			25 x 50	0.84	30 x 40	0.84	35 x 35	0.94
270					30 x 40	0.94	35 x 35	1.04					30 x 50	1.10	35 x 40	1.09
330					30 x 50	1.19	35 x 40	1.19							35 x 45	1.24
390							35 x 45	1.22							35 x 50	1.26
470							35 x 50	1.38								

WV / Cap. / ΦD	400V (2G)							
	22		25		30		35	
39	22 x 25	0.37						
47	22 x 30	0.41						
56	22 x 30	0.44						
68	22 x 35	0.50	25 x 25	0.47				
82	22 x 40	0.56	25 x 30	0.53				
100	22 x 45	0.64	25 x 30	0.55	30 x 25	0.57		
120	22 x 50	0.72	25 x 35	0.63	30 x 30	0.64	35 x 25	0.71
150			25 x 40	0.71	30 x 30	0.71	35 x 30	0.83
180			25 x 45	0.71	30 x 35	0.81	35 x 35	0.93
220			25 x 50	0.91	30 x 40	0.92	35 x 40	1.07
270					30 x 45	1.05	35 x 45	1.22
330							35 x 50	1.39