



ALUMINUM ELECTROLYTIC CAPACITORS

LHR series

MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

* FEATURES

Load Life: 105* 8000 Hours. High Ripple Current.
For Electronic Ballast, Power Supply.

* SPECIFICATIONS

Items	Characteristics							
Operating Temperature Range	-25*~+105*							
Rated Voltage Range	160 ~ 450V.DC							
Capacitance Tolerance	*20% (20*,120Hz)							
Leakage Current (MAX)	$I = 0.04CV + 100 * A$ (After 1 minutes application of rated voltage) $I = 0.02CV + 25 * A$ (After 5 minutes application of rated voltage) $I = \text{Leakage Current}(* A)$ $C = \text{Nominal Capacitance}(* F)$ $V = \text{Rated Voltage}(V)$							
Dissipation Factor (tan *)	Rated Voltage (V)	160	200	250	350	400	450	(20* 120Hz)
	Tan*	0.15	0.15	0.15	0.20	0.20	0.20	
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage(V)	160	200	250	350	400	450	(120Hz)
	Z(-25*)/Z(+20*)	3	3	3	6	6	6	
Load Life	After life test at conditions stated in the table below , the capacitors shall meet the following requirement.							
	Capacitance Change	within *20% of the initial value.					Case Dia	Life Time(hrs)
	Dissipation Factor	Not more than 200% of the specified value.					*D*10	8000
	Leakage Current	Not more than the specified value.					*D*13	8000
Shelf Life	After leaving capacitors under no load of 105* for 1000 hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.							
Reference Standard	According To JIS C 5141							

* MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency(Hz)	120	1K	10K	100K*
coefficient	0.5	0.80	0.90	1.00