



ALUMINUM ELECTROLYTIC CAPACITOR

LARGE CAPACITANCE

TYPE LS-- WITH SNAP-IN TERMINAL

FEATURES:

With a snap-in type terminals for inserting into PCB directly to save the cost of using fixture.

SPECIFICATIONS:

Item	Type LS												
Operating Temp. Range	10~100V: -40°C to +85°C						160~450V: -25°C to +85°C						
Capacitance tolerance	±20% at 120 Hz, 20°C												
Leakage Current (I=DC Current in Ma max.)	I ≤ 0.03CV , or 3mA whichever is smaller, measured after 5 minutes application of rated working voltage. Where, C =Rated Capacitance (μ F), V =Rated Working Voltage (V DC)												
Working Voltage (DC)	10V	16V	25V	35V	50V	63V	100V	160V	200V	250V	350V	400V	450V
Surge Voltage (DC)	13V	20V	32V	40V	63V	79V	125V	200V	250V	300V	400V	450V	500V
Dissipation Factor (tan δ) max. at 120 Hz	W.V.		10V	16V	25V	35V	50~63V	100V	160~250V	350~450V			
	CV ≤ 100,000		0.50	0.40	0.35	0.25	0.25	0.20	0.20	0.20	0.25		
	CV > 100,000		0.60	0.50	0.45	0.35	0.30	0.25	0.20	0.20	0.25		
Impedance Ratio at Low Temperature at 120 Hz	W.V.			10~100V			160~250V			350~450V			
	Z@ -25°C / Z@ +20°C			4			6			8			
	Z@ -40°C / Z@ +20°C			15			--			--			
Load Life Test (after 1000 hours application of the rated voltage, at 85°C)	The capacitor shall meet following limits: Capacitance Change ≤ ±20% of initial value Leakage Current ≤ specified maximum value Dissipation Factor ≤ 150% of specified maximum value												
Shelf Life Test (after 1000 hours exposing at 85°C without voltage applied)	The capacitor shall meet following limits: Capacitance Change ≤ ±20% of initial value Leakage Current ≤ specified maximum value Dissipation Factor ≤ 200% of specified maximum value												