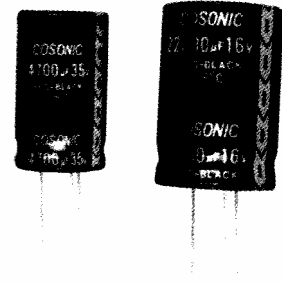




ALUMINUM ELECTROLYTIC CAPACITOR

TYPE LP

LARGE CAPACITANCE, RADIAL AUXILIARY LEAD



FEATURES:

- with an auxiliary terminal which can withstand vibration excellently when affixing to PCB.

SPECIFICATIONS:

Item	Type LP										
	10~100V: -40°C to +85°C						160~250V: -25°C to +85°C				
Operating Temperature Range	10~100V: -40°C to +85°C						160~250V: -25°C to +85°C				
Capacitance tolerance	±20% at 120 Hz, 20°C										
Leakage Current (I=DC Current in μ A max.)	$I \leq 0.03CV + 30 \mu A$, or 5mA 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	80V	100V	160V	200V	250V
Surge Voltage (DC)	13V	20V	32V	40V	63V	79V	100V	125V	200V	250V	300V
Dissipation Factor ($\tan \delta$) max. at 120 Hz	W.V.		10V		16~25V		35~63V		80~160V		200~250V
	$CV \leq 100,000$		0.50		0.35		0.25		0.20		0.20
	$100,000 < CV \leq 20,000$		0.75		0.50		0.35		0.30		0.30
Impedance Ratio at Low Temperature at 120 Hz	W.V.		10~100V			160~200V			250V		
	$Z@ -25^\circ C / Z@ +20^\circ C$		6			8			12		
	$Z@ -40^\circ C / Z@ +20^\circ C$		12			--			--		
Load Life Test (after 1000 hours application of the rated voltage, at 85°C)	The capacitor shall meet following limits: Capacitance Change $\leq \pm 20\%$ of initial value Leakage Current \leq specified maximum value Dissipation Factor $\leq 150\%$ 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 $\leq \pm 20\%$ of initial value Leakage Current \leq specified maximum value Dissipation Factor $\leq 200\%$ of specified maximum value										