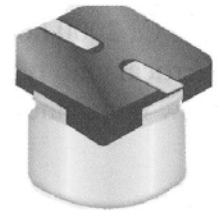




ALUMINUM ELECTROLYTIC CAPACITOR

TYPE VJ

SURFACE MOUNT TYPE, 105°C 2000 HOURS



SPECIFICATIONS:

Item	Characteristic									
Operating Temperature Range	-55°C to +105°C									
Capacitance tolerance	±20% at 120 Hz, 20°C									
Leakage Current (I=DC Current in μ A max.)	$I \leq 0.01CV$ or $3 \mu A$, whichever is greater, measured after 2 minutes application of rated working voltage. Where, C =Rated Capacitance (μ F) V =Rated Working Voltage (V DC)									
Dissipation Factor ($\tan \delta$) max at 120 Hz, 20°C	W. V.	6.3V	10V	16V	25V	35V	50V	63V	100V	
	Tan δ (max)	0.30	0.26	0.22	0.16	0.13	0.12	0.11	0.10	
Impedance Ratio at Low Temperature at 120 Hz	W.V.	6.3V	10V	16V	25V	35V	50V	63V	100V	
	Z@ -25°C/ Z@ +20°C	4	3	2	2	2	2	2	2	2
	Z@ -40°C/ Z@ +20°C	8	5	4	3	3	3	3	3	3
Load Life Test (restore to 20°C, after 2000 hours application of the rated voltage at 105°C)	The capacitor shall meet following limits:									
	Capacitance Change	6.3V	$\leq \pm 30\%$ of initial value							
		10 ~ 16V	$\leq \pm 25\%$ of initial value							
		25 ~ 100V	$\leq \pm 20\%$ of initial value							
	Dissipation Factor	6.3 ~ 16V	$\leq \pm 300\%$ of specified value							
25 ~ 100V		$\leq \pm 200\%$ of specified value								
Leakage Current	\leq specified maximum value									
Shelf Life Test (restore to 20°C, exposing 1000 hours at 105°C without voltage applied)	Same test results as of load life test									
Ripple Current & Frequency Multipliers	w.v. \ Freq	50/60 Hz	120 Hz	1KHz	10KHz up					
	Under 16V	0.8	1.0	1.15	1.25					
	25V~ 35V	0.8	1.0	1.25	1.40					
	50V ~ 63V	0.8	1.0	1.35	1.50					
	100V	0.7	1.0	1.35	1.50					
Standards	Satisfies Characteristic of JIS C 5101-1, -18									