

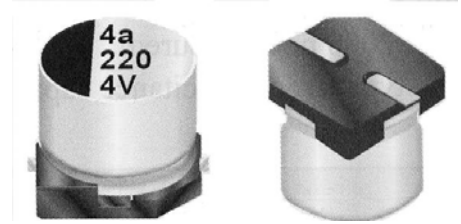


ALUMINUM ELECTROLYTIC CAPACITOR

TYPE V2

SURFACE MOUNT TYPE, 85°C 2000 HOURS

5.5MM HEIGHT



SPECIFICATIONS:

Item	Characteristic								
Operating Temperature Range	-40°C to +85°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.	4V	6.3V	10V	16V	25V	35V	50V	
	Tan δ (max)	0.42	0.28	0.24	0.20	0.14	0.12	0.10	
Impedance Ratio at Low Temperature at 120 Hz	W.V.	4V	6.3V	10V	16V	25V	35V	50V	
	Z@ -25°C / Z@ +20°C	7	3	3	2	2	2	2	
	Z@ -40°C / Z@ +20°C	15	8	5	4	3	3	3	
Load Life Test (restore to 20°C, after 2000 hours application of the rated voltage at 85°C)	The capacitor shall meet following limits: Capacitance Change $\leq \pm 20\%$ of initial value (4W.V.: $\pm 30\%$) Dissipation Factor $\leq 200\%$ of specified maximum value (4W.V.: 300%) Leakage Current \leq specified maximum value								
Shelf Life Test (restore to 20°C, after 1000 hours exposing at 85°C without voltage applied)	Same test results as of load life test								
Ripple Current & Frequency Multipliers	w.v. \ Freq	50 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				
Standards	Satisfies Characteristic of JIS C 5101-1, -18								