

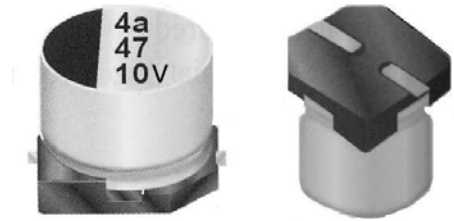


# ALUMINUM ELECTROLYTIC CAPACITOR

## TYPE VZ

**SURFACE MOUNT TYPE, 105°C 1000 HOURS**

**LOW IMPEDANCE**



### 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 $\mu$ 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 ( $\mu$ 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
	Tan $\delta$ (max)	0.28	0.24	0.20	0.16	0.14
Impedance Ratio at Low Temperature at 120 Hz	W.V.	6.3V	10V	16V	25V	35V
	Z@ -25°C / Z@ +20°C	4	3	2	2	2
	Z@ -40°C / Z@ +20°C	8	5	4	3	3
Load Life Test (restore to 20°C, after 1000 hours application of the rated voltage, at 105°C)	The capacitor shall meet following limits: Capacitance Change $\leq \pm 25\%$ of initial value Dissipation Factor $\leq 200\%$ of specified maximum value 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	50/60 Hz	120 Hz	1KHz	10KHz up
	6.3V ~ 35V		0.64	0.8	0.93	1.0
Standards	Satisfies characteristic of JIS C 5101-1, -18					