

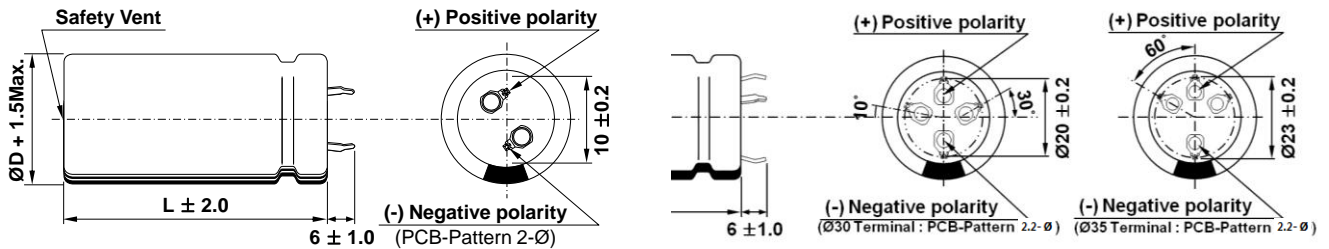
## FEATURES

### EDLC (Electric Double Layer Capacitor)

- High Power Density (Low ESR)
- Over 500,000 cycle life (semi-permanent)
- Higher energy density compared with 2.7V caps
- RoHS compliant



## Drawing



## SPECIFICATION

ITEM		CHARACTERISTICS						
Product series		EDLC						
Rated Voltage ( $V_R$ )		3.0V						
Operating Temperature		-40 ~ +65 °C						
Capacitance Tolerance		-10 ~ +30%						
High Temperature Load Life		After 1,000 hours at $V_R$ loaded under +65 °C, capacitors meet the following criteria.						
		Capacitance Change		≤ 30% of initial value				
		ESR		≤ 2 times of specified value				
85°C Higher Temperature		Max. 2.4V						
Cycle Life Characteristics	Cycle	Over 500,000						
	$\Delta C$	≤ 30% of initial value						
	ESR	≤ 2 times of specified value						
	Method	Cycle of Charge/discharge from $V_R$ to $1/2V_R$						
Shelf Life		2 Years No Electrical Charge, Temperature below 70 °C ( $\Delta C$ : ≤ 10% of initial value / $\Delta ESR$ : ≤ 50% of specified value)						
Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Weight (g)	Volume (ml)
			AC(1kHz)	DC				
VEC 3R0 367 QG	3.0	360	3.0	4.5	200.0	1.080	70.0	59.6

\* Max. Current : 1 sec. discharge to  $1/2V_R$