

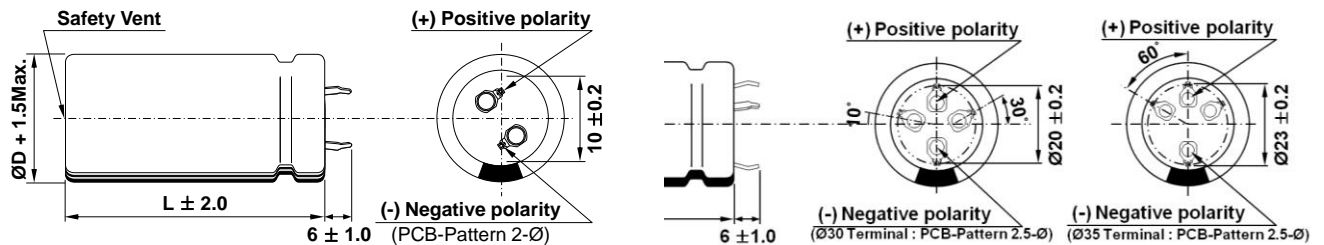
## FEATURES

### EDLC (Electric Double Layer Capacitor)

- High Power Density (Low ESR)
- Over 500,000 cycle life (semi-permanent)
- Short-term Peak Power assist applications
- RoHS compliant



## Drawing



## SPECIFICATION

ITEM		CHARACTERISTICS					
Product series		EDLC					
Rated Voltage ( $V_R$ )		2.5V					
Operating Temperature		$-25 \sim +70^\circ\text{C}$					
Capacitance Tolerance		$-10 \sim +30\%$					
High Temperature Load Life		After 1,000 hours at $V_R$ loaded under $+70^\circ\text{C}$ , capacitors meet the following criteria.					
		Capacitance Change		$\leq 30\%$ of initial value			
		ESR		$\leq 2$ times of specified value			
		85°C Higher Temperature		Max. 2.1V			
Cycle Life Characteristics	Cycle	Over 500,000					
	$\Delta C$	$\leq 30\%$ of initial value					
	ESR	$\leq 2$ 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 $70^\circ\text{C}$ ( $\Delta C : \leq 10\%$ of initial value / $\Delta \text{ESR} : \leq 50\%$ of specified value)					
Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Size (mm) D x L
			AC(1kHz)	DC			
VEC 2R5 367 QG	2.5	360	6	10	97.0	0.720	35 x 62

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