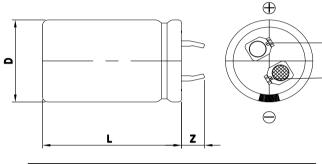
## EDLC 2.7V 220F

## **FEATURES**

Electric double layer capacitor Higher power density with ultra low ESR Semi-permanent, quick charge and discharge than batteries Suitable for short-term peak power assistance application UL and ISO/TS certificated, RoHS compliant Radial design with 2-pin snap-in terminal type

## DIMENSIONS



Dimensions in mm							
D +1.5 Max	L ± 2.0	Z ± 1.0	P ± 0.2				
Φ25.0	70.0	6.0	10.0				

This drawing is not to be scaled.

## SPECIFICATIONS

Part Number	Rated Voltage, V <sub>R</sub>	Rated Capacitance	AC ESR 1kHz	DC IR	Maximum Current	Leakage Current	Stored Energy	Dimension D x L	Weight
	(V)	(F)	(mΩ)	(mΩ)	(A)	(mA)	(J)	(mm)	(g)
VEC 2R7 227 QG	2.7	220.	4.50	7.00	115.	0.440	801.9	25.0 x 70.0	38.0
* Maximum Current	: 1 second dis	charge to ½·V	R						

\* Leakage Current: After 72hours at  $V_R$  and 25 °C

Item	Characteristics	Remarks
Rated Voltage(V <sub>R</sub> )	2.7V	
Capacitance Tolerance	-10 ~ 30%	
Operating Temperature (T <sub>min</sub> ~ T <sub>max</sub> )		$ \Delta cap  \le 30\%$ of initial value at 25 °C
	-40 ~ +65 ℃	$ \Delta ESR  \le 100\%$ of specified value at 25 $^{\circ}$ C
(•min •max)		After 1,000 hours application of $V_R$ at $T_{max}$
Storage Temperature	-40 ~ 70 ℃	
		Δcap  ≤ 30% of initial value at 25 ℃
Cycle Life	500,000 cycles	$ \Delta ESR  \le 100\%$ of specified value at 25 °C
		Cycles from $V_R$ to $\frac{1}{2} \cdot V_R$ under constant current at 25°C
Shelf Life	2 years	Δcap  ≤ 10% of initial value at 25 ℃
		$ \Delta ESR  \le 50\%$ of specified value at 25 $^{\circ}$ C
		Without electrical charge under T <sub>max</sub>



Tel: +82-31-455-3064 E-mail: hycap@vina.co.kr Web: www.vina.co.kr Design and specifications are subjected to change without notice. version 9.1 on November 23, 2015





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