EDLC 2.5V 120F

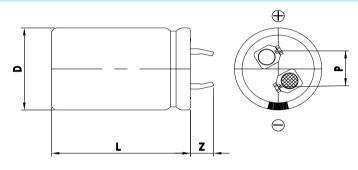


FEATURES

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			
Ф22.0	45.0	6.0	10.0			

This drawing is not to be scaled.

SPECIFICATIONS

Part Number	Rated Voltage, V _R	Rated Capacitance	AC ESR 1kHz	DC IR	Maximum Current	Leakage Current	Stored Energy	Dimension D x L	Weight
	(V)	(F)	$(m\Omega)$	$(m\Omega)$	(A)	(mA)	(J)	(mm)	(g)
VEC 2R5 127 QG	2.5	120.	18.00	30.00	32.	0.240	375.0	22.0 x 45.0	22.5

^{*} Maximum Current: 1 second discharge to $1/\!\!\!/ \cdot V_R$

Item	Characteristics	Remarks
Rated Voltage(V _R)	2.5V	
Capacitance Tolerance	-10 ~ 30%	
Operating Temperature (T _{min} ~ T _{max})	-25 ~ +70 ℃	$ \Delta \text{cap} \le 30\%$ of initial value at 25 °C $ \Delta \text{ESR} \le 100\%$ of specified value at 25 °C After 1,000 hours application of V _R at T _{max}
Storage Temperature	-40 ~ 70℃	
Cycle Life	500,000 cycles	$ \Delta \text{cap} \le 30\%$ of initial value at 25 °C $ \Delta \text{ESR} \le 100\%$ of specified value at 25 °C Cycles from V _R to ½·V _R under constant current at 25°C
Shelf Life	2 years	$ \Delta \text{cap} \le 10\%$ of initial value at 25 °C $ \Delta \text{ESR} \le 50\%$ of specified value at 25 °C Without electrical charge under T _{max}



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