EDLC 2.7V 400F

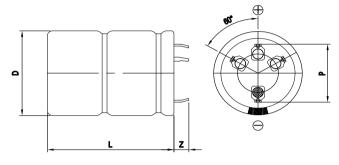


FEATURES

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 4-pin snap-in terminal type



DIMENSIONS



Dimensions in mm						
D +1.5 Max	L ± 2.0	Z ± 1.0	P ± 0.2			
Ф35.0	72.0	6.0	23.0			

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 2R7 407 QG	2.7	400.	3.00	4.50	190.	0.800	1,458.0	35.0 x 72.0	80.0

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

^{*} Leakage Current: After 72hours at V_R and 25 $^{\circ}{\rm C}$

Item	Characteristics	Remarks
Rated Voltage(V _R)	2.7V	
Capacitance Tolerance	-10 ~ 30%	
Operating Temperature $(T_{min} \sim T_{max})$	-40 ~ +65 ℃	$ \Delta \text{cap} \le 30\%$ of initial value at 25 $^{\circ}$ C $ \Delta \text{ESR} \le 100\%$ of specified value at 25 $^{\circ}$ 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}



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