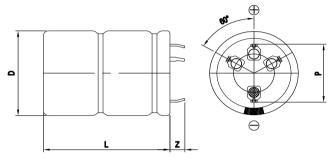
EDLC 3.0V 400F

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)	(mΩ)	(mΩ)	(A)	(mA)	(J)	(mm)	(g)
VEC 3R0 407 QG	3.0	400.	3.00	4.50	210.	1.200	1,800.0	35.0 x 72.0	80.0
* Maximum Current: 1 second discharge to ½·V _R									

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

ltem	Characteristics	Remarks
Rated Voltage(V _R)	3.0V	
Capacitance Tolerance	-10 ~ 30%	
		$ \Delta cap \le 30\%$ of initial value at 25 $^{\circ}C$
Operating Temperature (T _{min} ~ T _{max})	-40 ~ +65 ℃	$ \Delta ESR $ ≤ 100% of specified value at 25 °C
		After 1,000 hours application of V_R at T_{max}
Storage Temperature	-40 ~ 70 ℃	
		$ \Delta cap \le 30\%$ of initial value at 25 $^{\circ}C$
Cycle Life	500,000 cycles	$ \Delta ESR $ ≤ 100% of specified value at 25 °C
		Cycles from V _R to $\frac{1}{2}$ ·V _R under constant current at 25°C
		$ \Delta cap ≤ 10\%$ of initial value at 25 °C
Shelf Life	2 years	$ \Delta ESR \le 50\%$ of specified value at 25 $^\circ C$
		Without electrical charge under T _{max}



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