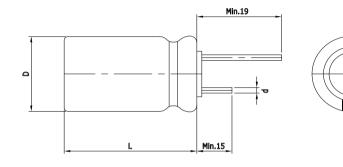
EDLC 2.5V 10F

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 lead terminal type

DIMENSIONS



Dimensions in mm						
D +1.0 Max	L ± 1.5	d ± 0.1	P ± 0.5			
Ф10.0	25.0	Ф0.6	5.0			

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 2R5 106 QA	2.5	10.	120.00	205.00	4.	0.020	31.3	10.0 x 25.0	2.8
* 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)	2.5V	
Capacitance Tolerance	-10 ~ 30%	
		$ \Delta cap \le 30\%$ of initial value at 25 $^{\circ}C$
Operating Temperature (T _{min} ~ T _{max})	-25 ~ +70 ℃	$ \Delta ESR $ ≤ 100% of specified value at 25 $^{\circ}$ C
(min max)		After 1,000 hours application of $V_{\rm R}$ at $T_{\rm max}$
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 \le 10\%$ of initial value at 25 $^{\circ}C$
Shelf Life	2 years	$ \Delta ESR ≤ 50\%$ of specified value at 25 °C
		Without electrical charge under T _{max}



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