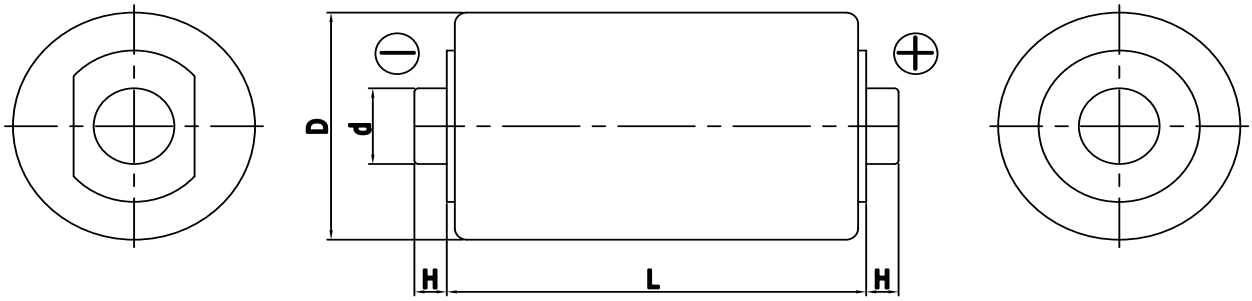
Axial EDLC 2.7V 1,600F

FEATURES

Electric double layer capacitor
High power density with ultra low ESR
Semi-permanent, quick charge and discharge than batteries
Suitable for electric power storage application
RoHS compliant
Radial design with 2-plate terminal type

DIMENSIONS



Dimensions in mm			
D ± 0.2	L ± 0.5	d ± 0.05	H ± 0.1
Φ60.4	85.0	Φ14.0	3.2

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 2R7 168 HG-W	2.7	1,600.	0.34	0.45	1,256.	3.000	5,832.0	60.4 x 85.0	345.0

* Maximum Current: 1 second discharge to ½·V_R
* Leakage Current: After 72hours at V_R and 25℃

Item	Characteristics	Remarks
Rated Voltage(V_R)	2.7V	
Capacitance Tolerance	0 ~ +20%	
Operating Temperature (T_{min} ~ T_{max})	-40 ~ +65℃	|Δcap| ≤ 20% of initial value at 25℃ |ΔESR| ≤ 200% of specified value at 25℃ After 1,500 hours application of V_R at T_{max}
Storage Temperature	-40 ~ +70℃	
Cycle Life	1,000,000 cycles	|Δcap| ≤ 20% of initial value at 25℃ |ΔESR| ≤ 200% of specified value at 25℃ Cycles from V_R to ½·V_R under constant current at 25℃
Shelf Life	10 years	|Δcap| ≤ 20% of initial value at 25℃ |ΔESR| ≤ 200% of specified value at 25℃ Without electrical charge under T_{max}

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Design and specifications are subjected to change without notice.
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