Hybrid Capacitor 2.3V 220F

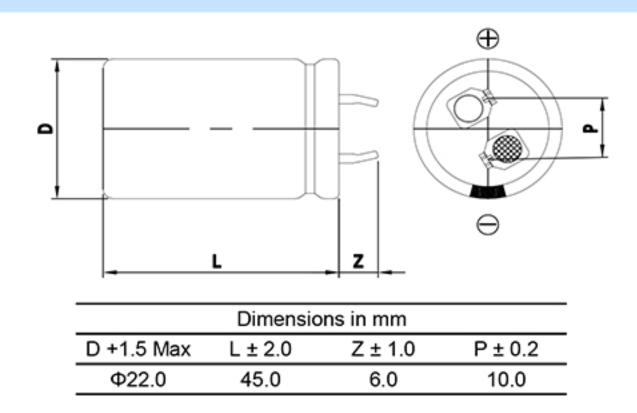


FEATURES

Characteristics of EDLC and pseudo-capacitor
Higher capacitance, 2 times of EDLC
Semi-permanent, quick charge and discharge than batteries
Suitable for long-term with low current backup applications
UL and ISO/TS certificated, RoHS compliant
Radial design with 2-pin snap-in terminal type



DIMENSIONS



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)
VHC 2R3 227 QG	2.3	220.	30.00	45.00	3.5	0.440	581.9	22.0 x 45.0	24.8

^{*} Maximum Current: 60 seconds discharge to ½·V_R

^{*} Leakage Current: After 72hours at V_R and 25 ℃

Item	Characteristics	Remarks		
Rated Voltage(V _R)	2.3V	Cut-off voltage: 0.9V		
Capacitance Tolerance	-10 ~ +30%			
		∆cap ≤ 30% of initial value at 25°C		
Operating Temperature (T _{min} ~ T _{max})	-25 ~ +60 °C	ΔESR ≤ 100% of specified value at 25 °C		
(min max/		After 1,000 hours application of V _R at T _{max}		
Storage Temperature	-20 ~ +70 °C			
		∆cap ≤ 30% of initial value at 25℃		
Cycle Life	100,000 cycles	ΔESR ≤ 100% of specified value at 25 °C		
		Cycles from V _R to ½·V _R under constant current at 25°C		
		∆cap ≤ 10% of initial value at 25℃		
Shelf Life	2 years	ΔESR ≤ 50% of specified value at 25 ℃		
		Without electrical charge under T _{max}		