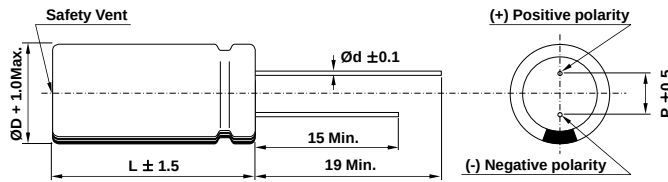


FEATURES

P-EDLC (Hybrid Capacitor)

- High Energy Density (2 times of EDLC)
- Over 50,000 cycle life
- Low current & long-term backup applications
- RoHS compliant

Drawing



D	8	10, 13	16, 18
d	0.6		0.8
P	3.5	5.0	7.5

SPECIFICATION

ITEM		CHARACTERISTICS
Rated Voltage (V_R)		2.3 V
Operating Temperature		-25 ~ +60 °C
Capacitance Tolerance		-10 ~ +30%
High Temp. Load Life	Measure	After 1,000 hours at V_R loaded under +60 °C, capacitors meet the following criteria.
	Cap. Change	$\leq 30\%$ of initial value
	ESR Change	100% increase from specified value
85 °C Higher Temperature		NA
Cycle Life Characteristics	Cycle	50,000
	Cap. Change	$\leq 30\%$ of initial value
	ESR Change	100% increase from specified value
	Condition	Cycle of Charge/discharge from V_R to $1/2V_R$
Shelf Life		2years uncharged up to 70 °C (ΔC : $\leq 10\%$ of initial value / ΔESR : $\leq 50\%$ of initial value)

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Size (mm) D × L	Weight (g)	Volume (ml)
			AC(1kHz)	DC					
VHC 2R3 106 QG	2.3	10	220	700	0.2	0.014	10×20	2.5	1.6
VHC 2R3 226 QG		22	120	330	0.4	0.038	10×30	3.6	2.4
VHC 2R3 506 QG		50	60	160	0.8	0.090	16×25	8.5	5.0
VHC 2R3 127 QG		120	45	80	2.0	0.240	18×40	16.0	10.2

* Max. Current : 60 sec. discharge to $1/2V_R$

* Any Inquires for non-standard products are required to be contacted.

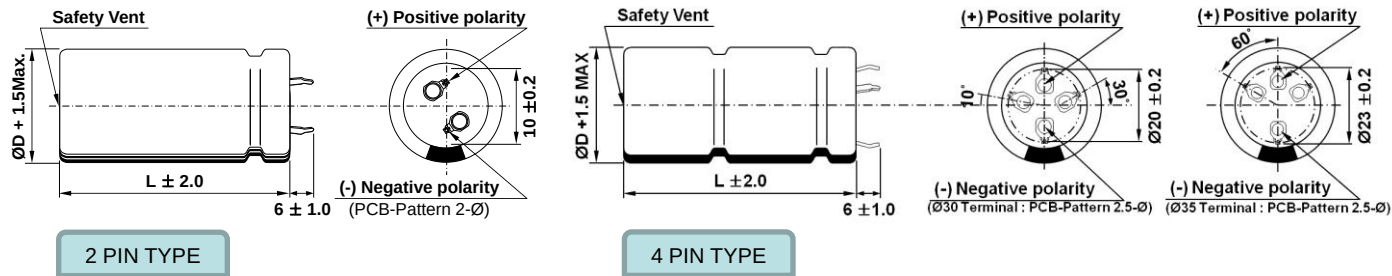


FEATURES

P-EDLC (Hybrid Capacitor)

- High Energy Density (2 times of EDLC)
- Over 50,000 cycle life
- Low current & long-term backup applications
- RoHS compliant

Drawing



※ Φ22~Φ33 : 2Pin (Φ30 : 4Pin Available) ※ Φ35 : 4Pin

SPECIFICATION

ITEM		CHARACTERISTICS
Rated Voltage (V_R)		2.3 V
Operating Temperature		-25 ~ +60 °C
Capacitance Tolerance		-10 ~ +30%
High Temp. Load Life	Measure	After 1,000 hours at V_R loaded under +60 °C, capacitors meet the following criteria.
	Cap. Change	≤ 30% of initial value
	ESR Change	100% increase from specified value
85 °C Higher Temperature		NA
Cycle Life Characteristics	Cycle	50,000
	Cap. Change	≤ 30% of initial value
	ESR Change	100% increase from specified value
	Condition	Cycle of Charge/discharge from V_R to $1/2V_R$
Shelf Life		2years uncharged up to 70 °C (ΔC : ≤10% of initial value / ΔESR : ≤ 50% of initial value)

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Size (mm)	Weight (g)	Volume (ml)
			AC(1kHz)	DC			D × L		
VHC 2R3 227 QG	2.3	220	30	50	3.6	0.640	22×45	24.7	17.1
VHC 2R3 307 QG		300	30	50	4.6	0.950	22×45	25.1	17.1
VHC 2R3 407 QG		400	20	25	6.6	2.120	30×45	48.5	31.8
VHC 2R3 547 QG		540	15	20	8.8	3.800	30×60	64.0	42.4
VHC 2R3 807 QG		800	10	15	12.8	5.000	35×70	94.0	67.0

* Max. Current : 60 sec. discharge to $1/2V_R$

* Any Inquires for non-standard products are required to be contacted.