

FEATURES

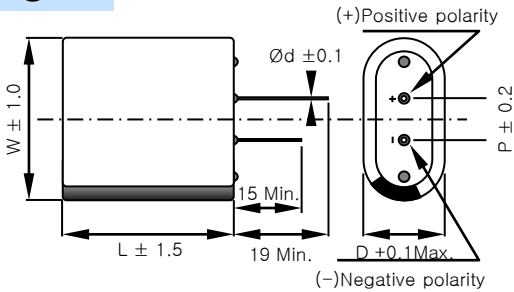
2 units serially connected to provide 6.0V products

Lead terminal type

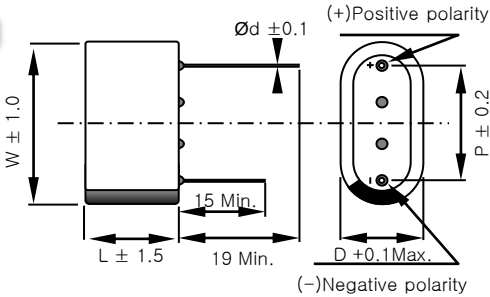
2-Pin terminal type according to customer’s requirement

Drawing

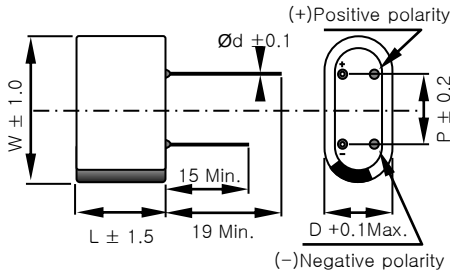
I TYPE



O TYPE



H TYPE



D = 8.5mm

TYPE	I	O	H
P	4.7	12.3	8.5

D = 10.5mm

TYPE	I	O	H
P	5.5	15.5	10.5

SPECIFICATION

ITEM		CHARACTERISTICS							
Rated Voltage (V _R)		6.0 V							
Operating Temperature		-40 ~ +65℃							
Capacitance Tolerance		-10 ~ +30%							
High Temp. Load Life	Measure	After 1,000 hours at V _R loaded under +65℃, capacitors meet the following criteria.							
	Cap. Change								
	ESR Change								
85℃ Higher Temperature		Max. 4.6V							
Cycle Life Characteristics	Cycle	500,000							
	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℃ (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) D × W × L	Weight (g)	Volume (ml)
VEC6R0155QG	6.0	1.5	110	210	3.4	0.008	8.5×17×22	3.3	3.2
VEC6R0255QG		2.5	90	130	5.7	0.012	10.5×21×22.5	4.7	5.0
VEC6R0505QG		5.0	50	70	11.1	0.030	10.5×21×32	6.6	7.1

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