



FEATURES

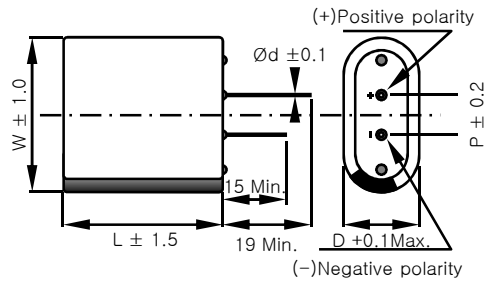
2 units serially connected to provide 6.0V products

Lead terminal type

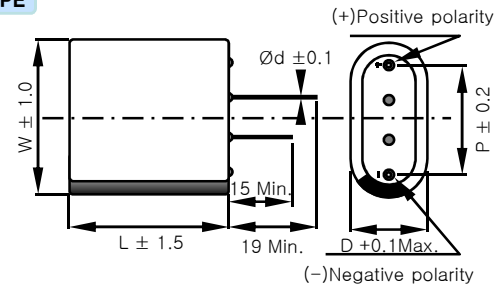
2-Pin terminal type according to customer's requirement

Drawing

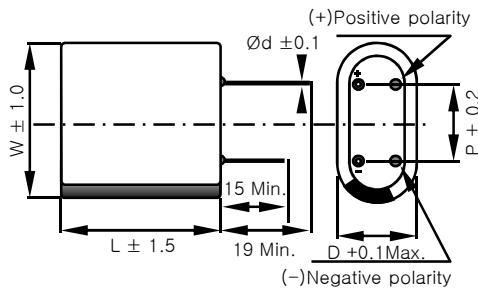
I TYPE



O TYPE



H TYPE



D = 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 °C	
Capacitance Tolerance	-10 ~ +30%	
High Temp. Load Life (65 °C)	Measure	After 1,000 hours at V_R loaded under +65 °C, capacitors meet the following criteria.
	Cap. Change	≤ 30% of initial value
	ESR Change	2 time of specified value
High Temp. Load Life (85 °C)	Measure	After 1,000 hours at 4.8V loaded under +85 °C, capacitors meet the following criteria.
	Cap. Change	≤ 30% of initial value
	ESR Change	2 time of specified value
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	2 years	
	No Electrical Charge, Temperature Below 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) D × W × L	Weight (g)	Volume (ml)
			AC(1kHz)	DC					
VEC6R0505QG	6.0	5.0	55	85	10.0	0.030	10.5×21×32	6.6	7.1

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

* When do module more than 2 series, please fully discharge over 1 hour first, then assemble right after within 1 hour.