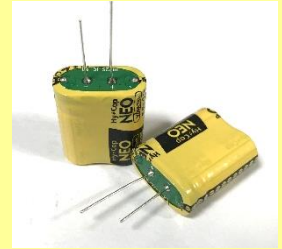
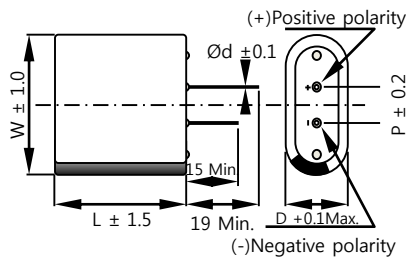


## FEATURES

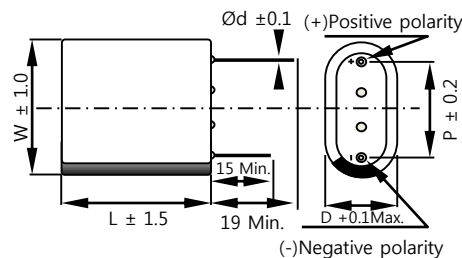
- High Power Density
- Over 500,000 cycle life (semi-permanent)
- 2 units serially connected to provide 6.0V products
- RoHS compliant
- Long-term reliability improved at high temperature and humidity



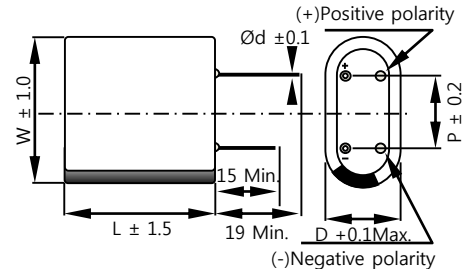
## Drawing



I TYPE



O TYPE



H TYPE

D = 10.5mm

TYPE	I	O	H
P	5.5	15.5	10.5

(Unit : mm)

## SPECIFICATION

ITEM		CHARACTERISTICS						
Product series		EDLC 2 SERIAL MODULE						
Rated Voltage (V <sub>R</sub> )		6.0V						
Operating Temperature		-40 ~ +65℃						
Capacitance Tolerance		-10 ~ +30%						
High Temperature Load Life		After 1,000 hours at V <sub>R</sub> loaded under +65℃, capacitors meet the following criteria.						
		Capacitance Change		≤ 30% of initial value				
		ESR		≤ 2 times of specified value				
Cycle Life Characteristics	Cycle	Over 500,000						
	ΔC	≤ 30% of initial value						
	ESR	≤ 2 times of specified value						
	Method	Cycle of Charge/discharge from V <sub>R</sub> to 1/2V <sub>R</sub>						
Shelf Life		2 Years						
		No Electrical Charge, Temperature below 70℃ (ΔC : ≤ 10% of initial value / ΔESR : ≤ 50% of specified value)						
Part Number		Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Size (mm)
				AC(1kHz)	DC			D x W x L
WEC6R0505QG		6.0	5.0	75	115	9.5	0.030	10.5x21x32

\* Max. Current : 1 sec. discharge to 1/2V<sub>R</sub>

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