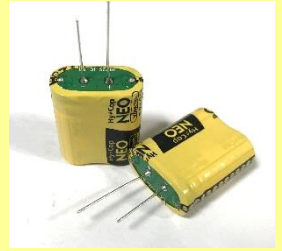
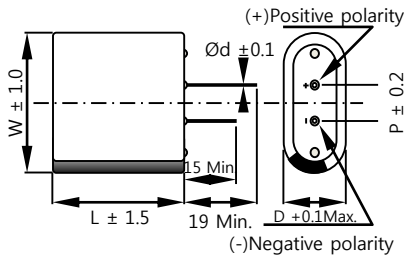


## FEATURES

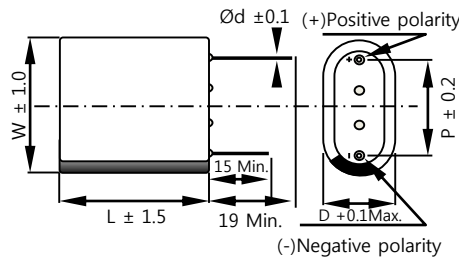
- High Power Density
- Over 500,000 cycle life (semi-permanent)
- 2 units serially connected to provide 6.0V products
- RoHS compliant
- Long-term reliability improved at high temperature and humidity



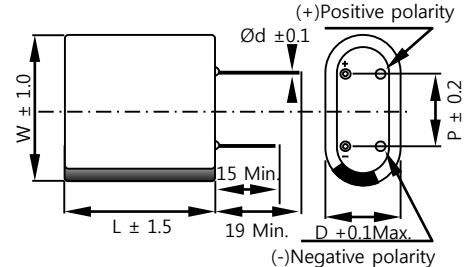
## Drawing



**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°C					
Capacitance Tolerance		-10 ~ +30%					
High Temperature Load Life		After 1,000 hours at V <sub>R</sub> loaded under +65°C, 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°C (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
WEC6R0255QG	6.0	2.5	165	245	4.5	0.015	10.5x21x22.5

\* 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.