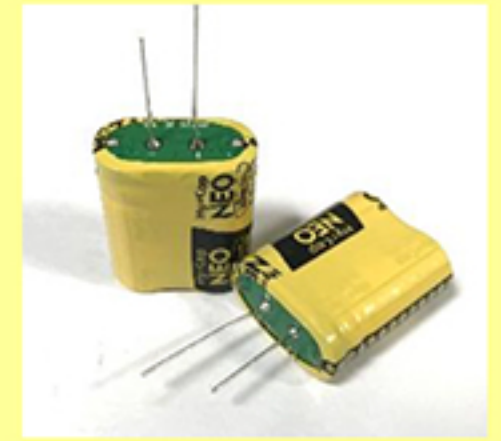
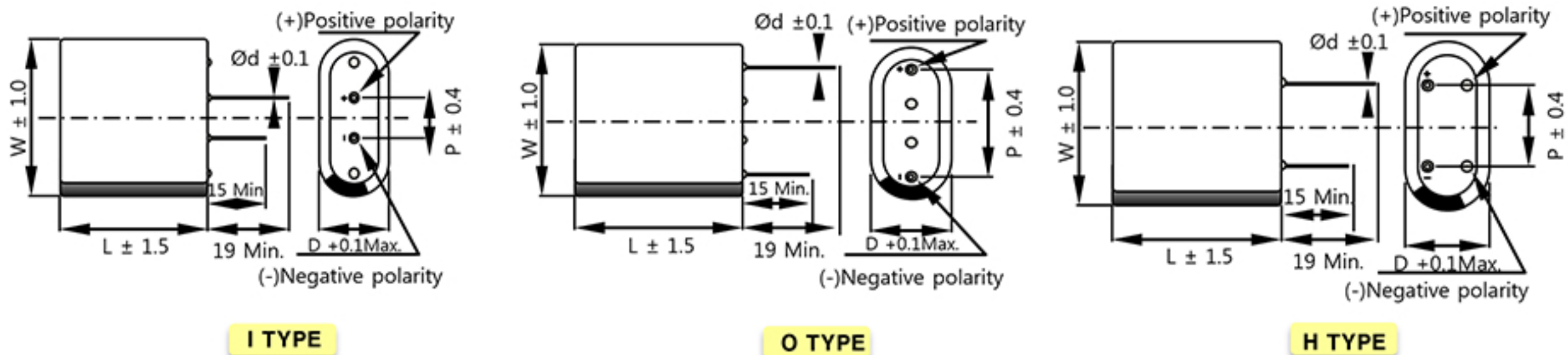


## FEATURES

- 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



D = 10.5mm, d = 0.6mm

TYPE	I	O	H
P	5.0	16.0	10.5

(Unit : mm)

## SPECIFICATION

ITEM		CHARACTERISTICS
Product series		EDLC 2SERIAL MODULE
Rated Voltage ( $V_R$ )		6.0V
Operating Temperature		-40 ~ +65°C
Capacitance Tolerance		-10 ~ +30%
High Temperature Load Life		After 1,000 hours at $V_R$ loaded under +65°C, capacitors meet the following criteria.
		Capacitance Change $\leq 30\%$ of initial value
		ESR $\leq 2$ times of specified value
Cycle Life Characteristics	Cycle	Over 500,000
	$\Delta C$	$\leq 30\%$ of initial value
	ESR	$\leq 2$ times of specified value
	Method	Cycle of Charge/discharge from $V_R$ to $1/2V_R$
Shelf Life		3 Years No Electrical Charge, Temperature below 25°C ( $\Delta C : \leq 10\%$ of initial value / $\Delta ESR : \leq 50\%$ of specified value)

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)		Size (mm) D x W x L
			AC(1kHz)	DC		@5.4V	@6.0V	
WEC6R0505QA	6.0	5.0	95	155	8.5	0.020	0.030	10.5x21x27

\* 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.