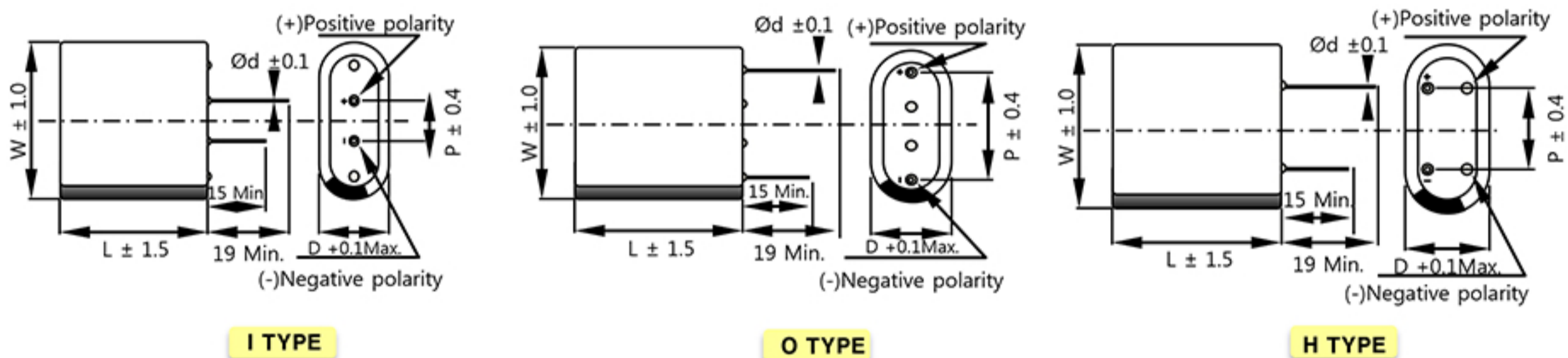


## FEATURES

- 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 = 13.5mm, d = 0.6mm

TYPE	I	O	H
P	7.5	18.5	13

(Unit : mm)

## SPECIFICATION

ITEM	CHARACTERISTICS	
Product series	EDLC 2 SERIAL 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	≤ 30% of initial value
	ESR	≤ 2 times of specified value
Cycle Life Characteristics	Cycle	Over 500,000
	$\Delta C$	≤ 30% of initial value
	ESR	≤ 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 ( $\Delta C$ : ≤ 10% of initial value / $\Delta ESR$ : ≤ 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	
WEC6R0755QG	6.0	7.5	79	115	12.0	0.030	0.045	13x26x28

\* 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.