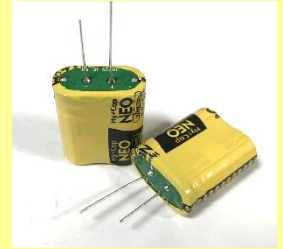
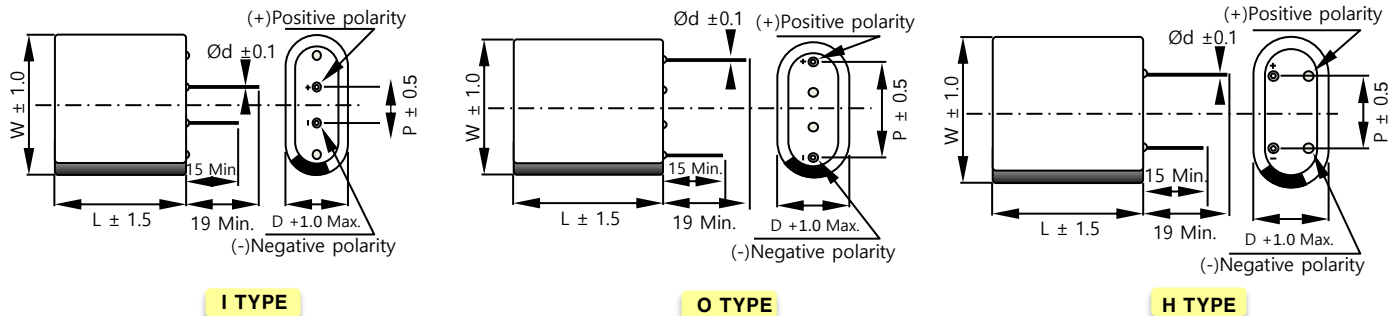


FEATURES

- 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 2 SERIAL MODULE					
Rated Voltage (V _R)		6.0V					
Operating Temperature		-40 ~ +65℃					
Capacitance Tolerance		-10 ~ +30%					
High Temperature Load Life		After 1,000 hours at V _R loaded under +65℃, capacitors meet the following criteria.					
		Capacitance Change		≤ 30% of initial value			
		ESR		≤ 2 times of specified value			
		85℃ Temperature		Max. 4.8V			
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 _R to 1/2V _R					
Shelf Life		3 Years					
		No Electrical Charge, Temperature below 25℃ (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
WEC 6R0 255 QG	6.0	2.5	165	245	4.5	0.015	10.5x21x22.5

* 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.