

6.0V 5.0F (10*25mm) 2-Serial Module

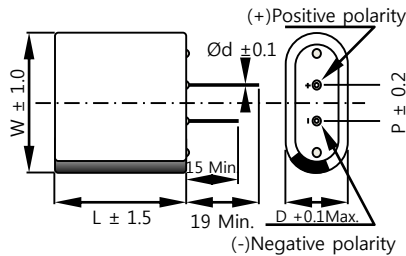
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FEATURES

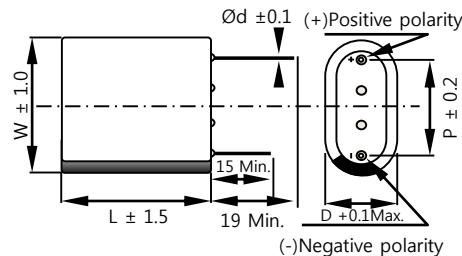
- High Power Density
- Over 500,000 cycle life (semi-permanent)
- 2 units serially connected to provide 6.0V products
- RoHS compliant
- Long-term reliability improved at high temperature and humidity



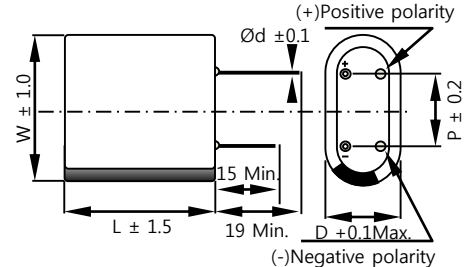
Drawing



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 2SERIAL 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				
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		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
OEC6R0505QA		6.0	5.0	95	155	8.5	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.