

## FEATURES

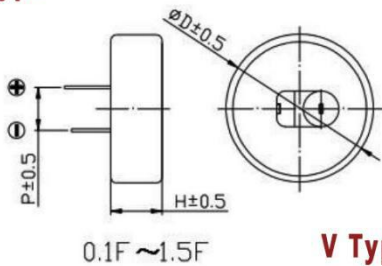
- Coin types of Super capacitor are from 0.047 Frad 5.5V to 1.5 Frad 5.5V.
- 5.5V 1.5F type super cap is one of the most popular products.
- The typical application of our 0.047F~1.5F 5.5 V ultra capacitor is as the follows: RAM, Detonator, car recorder, smart meter, vacuum switch, digital camera, motor drive, clock circuit, UPS, toy, program-controlled switch, etc.

## PICTURES

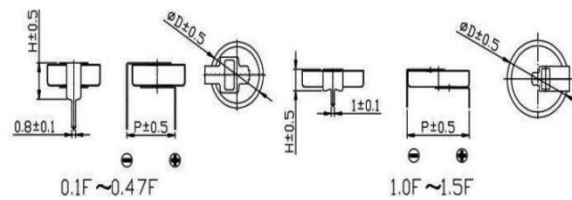


## DRAWING (mm)

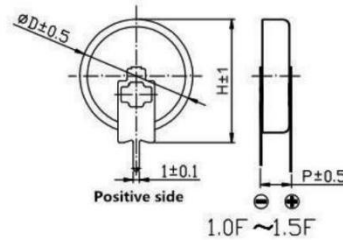
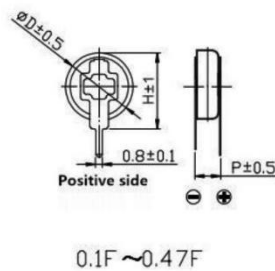
### C Type



### H Type



### V Type



## SPECIFICATIONS

Rated voltage $V_R$	5.5V
Surge voltage	5.8V
Capacity range	0.1F~1.5F
Operating temperature range	-25~ +70°C
Product life	Normal temperature cycle life: 25°C, 500,000 cycles between $V_R$ and $1/2V_R$ , Capacity attenuation $\leq 30\%$ , ESR change $\leq 4$ times.
	High temperature endurance life: 70°C, maintain $V_R$ , 1000 hours. Capacity attenuation $\leq 30\%$ , ESR change $\leq 4$ times.



**STANDARD RATINGS**

Model	Type	Capacity F	ESR $\Omega$		Product size (mm)		
			DC	AC 1kHz	Diameter	Height	Pin distance
WUA-5R5-C104*050R	C	0.1	100	50	13.0	6.5	5
WUA-5R5-H104*105R	H	0.1	100	50	11.5	6.4	10.5
WUA-5R5-V104*047R	V	0.1	100	50	11.5	12.33	4.7
WUA-5R5-C224*050R	C	0.22	80	40	13.0	6.5	5
WUA-5R5-H224*105R	H	0.22	80	40	11.5	6.4	10.5
WUA-5R5-V224*047R	V	0.22	80	50	11.5	12.3	4.7
WUA-5R5-C334*050R	C	0.33	80	40	13.0	6.5	5
WUA-5R5-H334*105R	H	0.33	80	40	11.5	6.4	10.5
WUA-5R5-V334*047R	V	0.33	80	40	11.5	12.3	4.7
WUA-5R5-C474*050R	C	0.47	80	40	13.0	6.5	5
WUA-5R5-H474*105R	H	0.47	0	40	11.5	6.4	10.5
WUA-5R5-V474*047R	V	0.47	80	40	11.5	12.3	4.7
WUA-5R5-C684*060R	C	0.68	30	15	20.5	7	6
WUA-5R5-C684*050R	C	0.68	30	15	20.5	7.4	5
WUA-5R5-H684*200R	H	0.68	30	15	18.7	5.5	20
WUA-5R5-V684*050R	V	0.68	30	15	18.7	20.2	5
WUA-5R5-C105*060R	C	1	30	15	20.5	7	6
WUA-5R5-C105*050R	C	1	30	15	20.5	7.4	5
WUA-5R5-H105*200R	H	1	30	15	18.7	5.5	20
WUA-5R5-V105*050R	V	1	30	15	18.7	20.2	5
WUA-5R5-C155*060R	C	1.5	20	10	20.5	7	6
WUA-5R5-C155*050R	C	1.5	20	10	20.5	7.4	5
WUA-5R5-H155*200R	H	1.5	20	10	18.7	5.5	20
WUA-5R5-V155*050R	V	1.5	20	10	18.7	20.2	5



**PN Structure**

<b>WUA</b>	<b>5R5</b>	<b>C</b>	<b>105</b>	<b>M</b>	<b>050</b>	<b>R</b>
Series	Rated Voltage 1.	Type 2.	Capacitance 3.	Capacitance Tolerance 4.	Pitch/Pins 5.	Pb 6.

**1. Rated Voltage**

Code	5R5
Voltage	5.5V

**2. Type**

Code	C	H	V
Type	C	H	V

**3. Capacitance**

Code	104	224	334	474	684	105	155
Capacitance (F)	0.1	0.22	0.33	0.47	0.68	1.0	1.5

**4. Capacitance Tolerance**

Code	M	V	F
Tolerance	±20%	-10%~+20%	%~+30%

**5. Pins Distance**

Code	047	050	060	105	200
Pins Distance (mm)	4.7	5.0	6.0	10.5	20.0

**6. Pb**

Code	L	R
Pb	Leaded	RoHS

