

# SUPER CAPACITOR

## SC2I927-0.47F Brief Datasheet

### 1. BASIC SPECIFICATION:

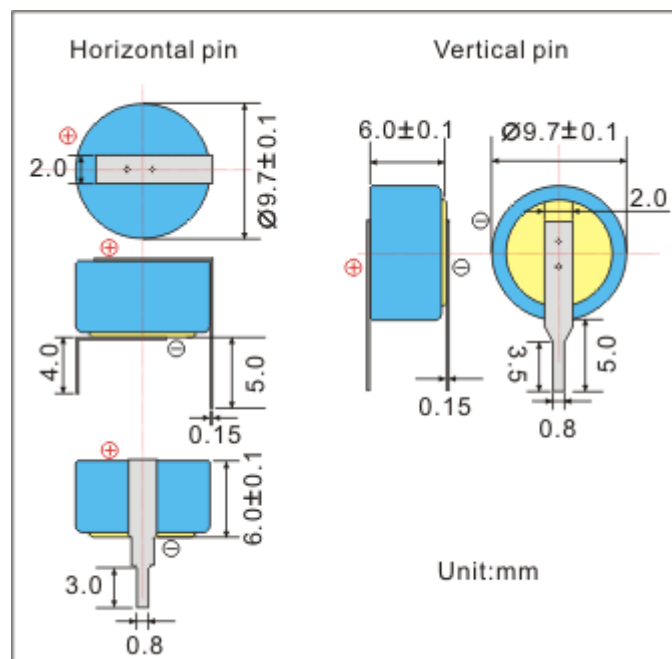
Items		Characteristic		
		Standard	Test condition	
1.1	Rated capacity	0.47F	The lowest capacity when charge @1mA rated, discharge @ 1mA to end-off voltage 0.1V	
1.2	Nominal voltage	5.5V		
1.3	Cut-off voltage	0.1V		
1.4	Equivalent resistance in series	$\leq 45 \Omega$	Test by instrument of interior resistance (AC1kHz)	
1.5	Charge voltage	5.5 $\pm$ 0.05V		
1.6	Charge time	Rated charge	Approx. 0.5 hour	Charge at 1mA
		Fast charge	Approx. 0.1 hour	Charge at 5mA
1.7	Max. charge current	30mA		
1.8	Max. discharge current	30mA	When charge to 5.5V	
1.9	Short cut current	Over 80mA	When charge to 5.5V	
1.10	Working temperature	charge	-25 - 70°C	
		Discharge	-25 - 70°C	
1.11	Storage temperature	-20 – +45°C		
1.12	Average Weight	1.00g $\pm$ 0.1g		
1.13	Max. Size (mm)	Thickness	Diameter	The precision of vernier caliper is less than 0.02mm
		6.0 <sub>-0.2</sub> <sup>+0</sup>	9.7 $\pm$ 0.05	
1.14	Appearance	There is no defect in the surface, such as crack, change color, leaking or transfiguration		See by naked eyes

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.

## 2. WARNING!

- \* Do not overcharge, force discharge, short-circuit, disassemble, deform, heat or place the capacitor near a direct flame. Any of the above actions could cause it to ignite, explode or become damaged.
- \* Keep this capacitor out of the reach of children.

## 3. DIMENSION



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