

# SUPER CAPACITOR

## SC2I2016-3.0F Brief Datasheet

### 1. BASIC SPECIFICATION:

Items		Characteristic		
		Standard		Test condition
1.1	Rated capacity	3.0F		The lowest capacity when charge @10mA rated, discharge @ 10mA to cut-off voltage 0.1V
1.2	Nominal voltage	5.5V		
1.3	Cut-off voltage	0.1V		
1.4	Equivalent Resistance in series	$\leq 15 \Omega$		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 10mA
		Fast charge	Approx.0.2hour	Charge at 20mA
1.7	Max. charge current	300mA		
1.8	Max. discharge current	300mA		When charge to 5.5V
1.9	Short cut current	Over 450mA		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	5.1g $\pm$ 0.05g		
1.13	Max. Size (mm)	Thickness	Diameter	
		6.9 <sub>-0.2</sub> <sup>+0</sup>	20.3 <sub>-0.5</sub> <sup>+0</sup>	
1.14	Appearance	There is no defect in the surface, such as crack, change color, leaking or transfiguration		See by naked eyes

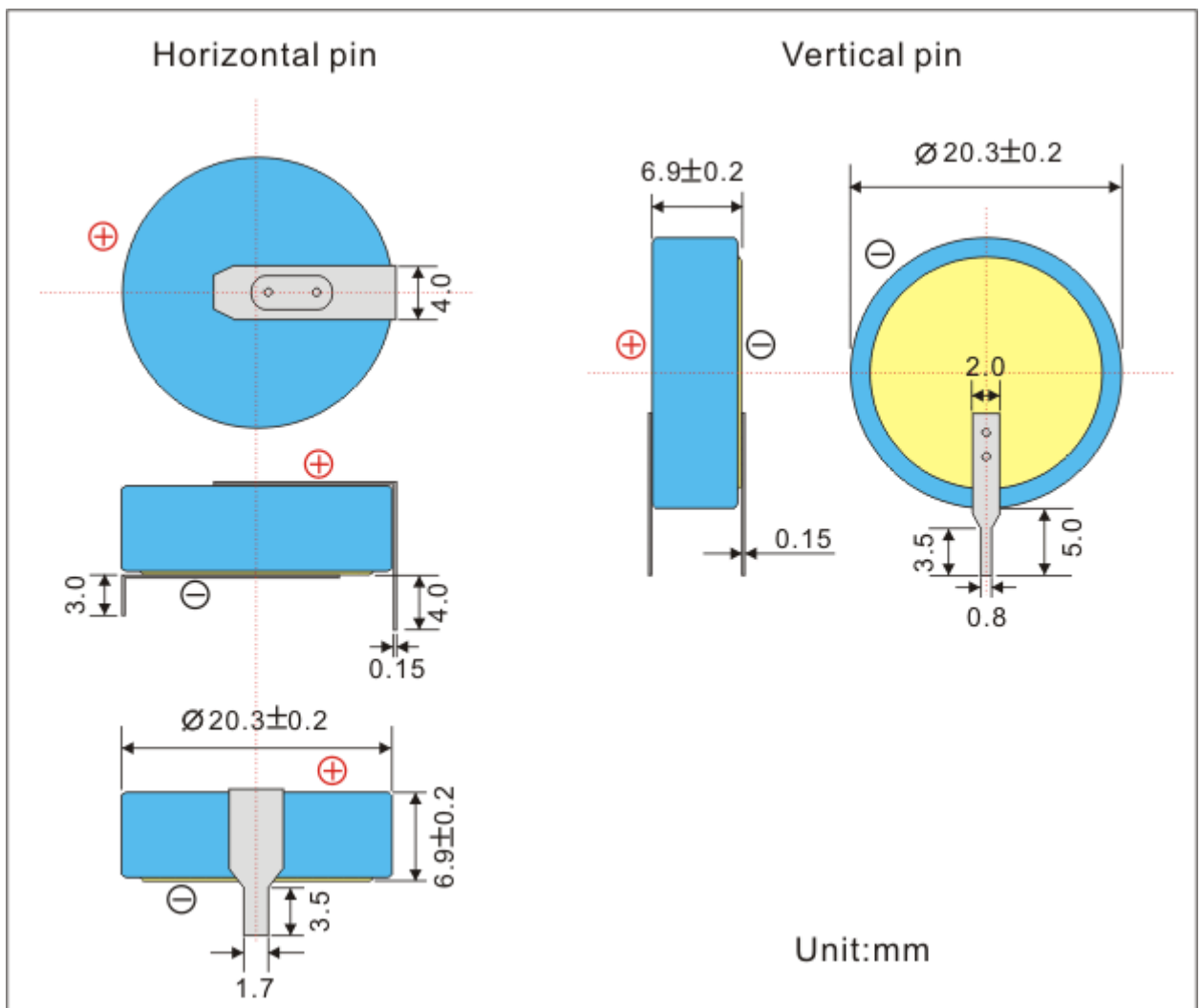
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## 2. WARNING!

\* 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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