

# SUPER CAPACITOR

## SC2I920-0.22F Brief Datasheet

### 1, BASIC SPECIFICATION:

Items		Characteristic	
		Standard	Test condition
1.1	Rated capacity	0.22F	The lowest capacity when charge @1mA rated, discharge @ 1mA 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	$\leq 70 \Omega$	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
		Fast charge	Approx. 0.1 hour
1.7	Max. charge current	30mA	
1.8	Max. discharge current	30mA	When charge to 5.5V
1.9	Short cut current	Over 50mA	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 $\pm$ 0.05g	
1.13	Size (mm)	Thickness	Diameter
		4.4 <sub>-0.2</sub> <sup>+0</sup>	9.5 <sub>-0.05</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

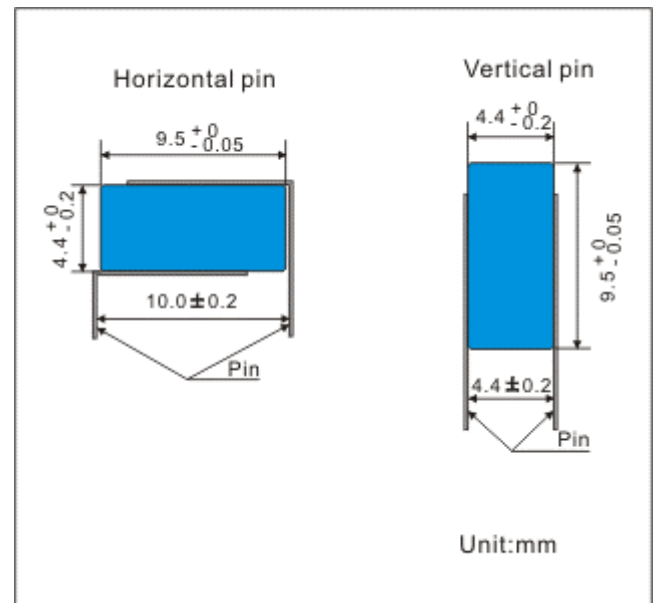
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## 2. WARNING!

- \* 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.



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