

SUPER CAPACITOR

SC2I621-0.10F Brief Datasheet

1, BASIC SPECIFICATION:

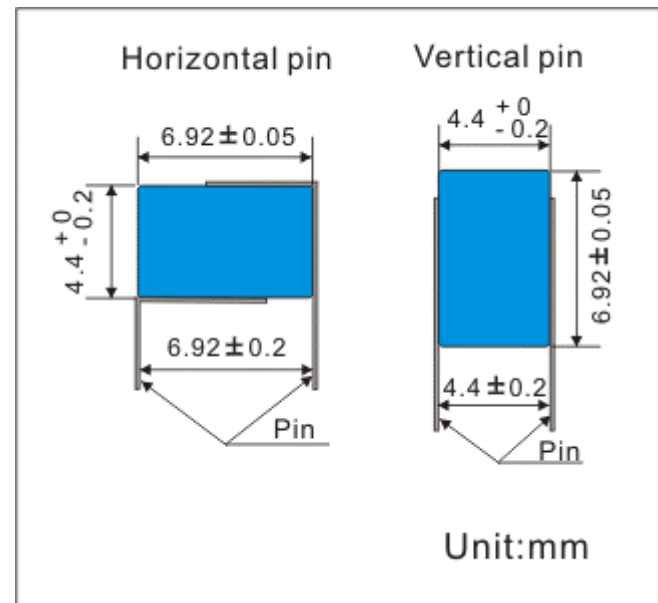
Items		Characteristic		
		Standard		Test condition
1.1	Rated capacity	0.10F		The lowest capacity when charge @0.5mA rated, discharge @ 0.5mA to cut-off voltage 0.1V
1.2	Nominal voltage	5.5V		
1.3	Discharge cut-off voltage	0.1V		
1.4	Equivalent Resistance in series	≤100 Ω		Test by instrument of interior resistance (AC1kHz)
1.5	Charge voltage	5.5 ±0.05V		
1.6	Charge time	Rated charge	Approx. 0.5 hour	Charge at 0.5mA
		Fast charge	Approx. 0.2 hour	Charge at 1.0mA
1.7	Max. charge current	2.0mA		
1.8	Max. discharge current	2.0mA		When charge to 5.5V
1.9	Working temperature	charge	-25 - 70°C	
		Discharge	-25 - 70°C	
1.10	Storage temperature	-20 – +45°C		
1.11	Average Weight	0.42g ±0.1g		
1.12	Max. Size (mm)	Thickness	Diameter	
		4.4 _{-0.2} ⁺⁰	6.92±0.05	
1.13	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.



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.