

SUPER CAPACITOR

SC2i927-0.33F Brief Datasheet

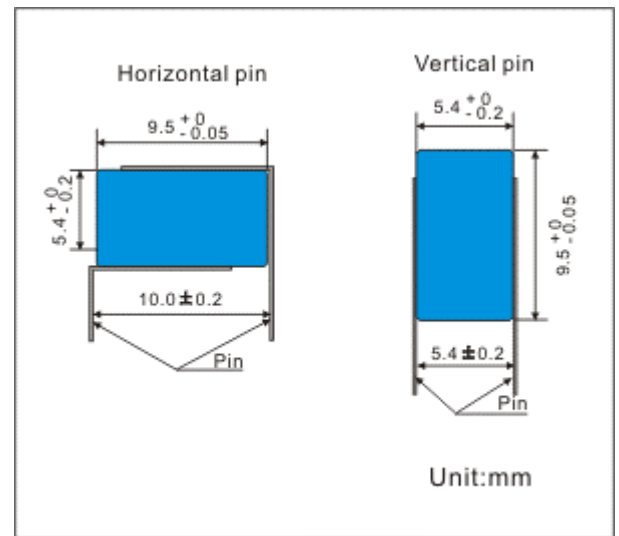
1, BASIC SPECIFICATION:

Items		Characteristic		
		Standard	Test condition	
1.1	Rated capacity	0.33F	The lowest capacity when charge @1.0mA rated, discharge @ 1.0mA to cut-off voltage 0.1V.	
1.2	Nominal voltage	5.5V		
1.3	Cut-off voltage	0.1V		
1.4	Equivalent Internal Resistance in series	<60 Ω	Test by instrument of internal resistance (AC1kHz)	
1.5	Charge voltage	5.5 ±0.05V		
1.6	Charge time	Rated charge	Approx. 0.5 hour	Charge at 1.0mA
		Fast charge	Approx. 0.1hour	Charge at 5.0mA
1.7	Max. charge current	30mA		
1.8	Max. discharge current	30mA	When charge to 5.5V	
1.9	Short circuit 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	Typical Weight	1.00g ±0.05g		
1.13	Max. Dimension (mm)	Thickness	Diameter	The precision of vernier caliper is less than 0.02mm
		5.4 _{-0.2} ⁺⁰	9.5 _{-0.05} ⁺⁰	
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.



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