

SUPER CAPACITOR

SC1920-2.5F Brief Datasheet

1. BASIC SPECIFICATION:

Items		Characteristic		
		Standard	Test condition	
1.1	Rated capacity	2.5F	The lowest capacity when charge @4mA rated, discharge @ 4mA to end-off voltage 0.1V	
1.2	Nominal voltage	2.7V		
1.3	Discharge end-off voltage	0.1V		
1.4	Equivalent Resistance in series	30 Ω	Test by instrument of interior resistance (AC1kHz)	
1.5	Charge voltage	2.7 ±0.05V		
1.6	Charge time	Rated charge	Approx. 0.5 hour	Charge at 4mA
		Fast charge	Approx. 0.1hour	Charge at 8mA
1.7	Max. charge current	16mA		
1.8	Max. discharge current	16mA		
1.9	Working temperature	charge	-25 - 70°C	
		Discharge	-25 - 70°C	
1.10	Storage temperature	-20 – +45°C		
1.11	Average Weight	1.5g ±0.05g		
1.12	Max. Size (mm)	Thickness	Diameter	The precision of vernier caliper is less than 0.02mm
		2.0 ⁺⁰ _{-0.2}	19 ⁺⁰ _{-0.05}	
1.13	Appearance	There is no defect in the surface, such as crack, change color, leaking or transfiguration		See by naked eyes

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.