

SUPER CAPACITOR

SC927-0.7F Brief Datasheet

1, BASIC SPECIFICATION:

Items		Characteristic		
		Standard	Test condition	
1.1	Rated capacity	0.7F	The lowest capacity when charge @1.5mA rated, discharge @ 1.5mA 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	$\leq 80 \Omega$	Test by instrument of interior resistance (AC1kHz)	
1.5	Charge voltage	$2.7 \pm 0.05V$		
1.6	Charge time	Rated charge	Approx. 0.5 hour	Charge at 1.0mA
		Fast charge	Approx. 0.2hour	Charge at 3 mA
1.7	Max. charge current	6mA		
1.8	Max. discharge current	6mA	When charge to above 2.7V	
1.9	Working temperature	charge	-25 - 70°C	
		Discharge	-25 - 70°C	
1.10	Storage temperature	-20 – +45°C		
1.11	Average Weight	0.6g $\pm 0.01g$		
1.12	Max. Size (mm)	Thickness	Diameter	The precision of vernier caliper is less than 0.02mm
		$2.7_{-0.1}^{+0}$	$9.5_{-0.05}^{+0}$	
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.

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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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