

# SUPER CAPACITOR

## SC2I414-0.03F Brief Datasheet

### 1. BASIC SPECIFICATION:

Items		Characteristic	
		Standard	Test condition
1.1	Rated capacity	0.03F	The lowest capacity when charge @0.2mA rated, discharge @0.2mA 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	$\leq 300 \Omega$	Test by instrument of interior resistance (AC1kHz)
1.5	Charge voltage	$5.5 \pm 0.05V$	
1.6	Max. charge current	3mA	
1.7	Max. discharge current	3mA	When charge to 5.5V
1.8	Short cut current	Over 10mA	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	0.2g $\pm 0.05g$	
1.12	Max. Size (mm)	Thickness	Diameter
		$3.0_{-0.2}^{+0}$	$4.9_{-0.5}^{+0}$
1.13	Appearance	There is no defect in the surface, such as crack, change color, leaking or transfiguration	
			The precision of vernier caliper is less than 0.02mm
			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.