

SUPER CAPACITOR

SC2430-8F Brief Datasheet

1. BASIC SPECIFICATION:

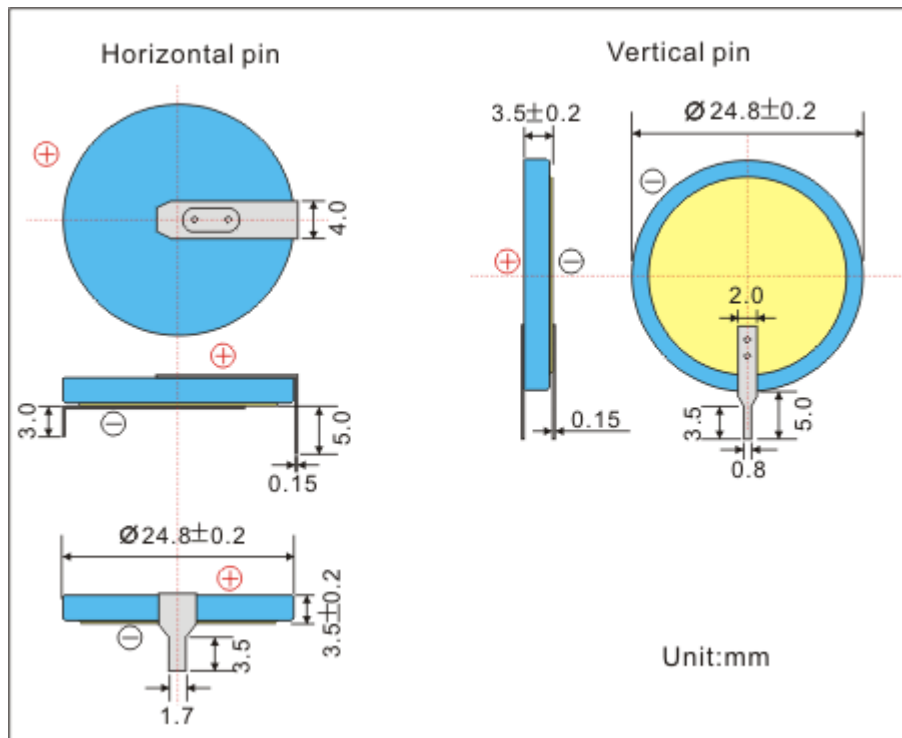
Items		Characteristic		
		Standard	Test condition	
1.1	Rated capacity	8F	The lowest capacity when charge @30mA rated, discharge @ 30mA to cut-off voltage 0.1V	
1.2	Nominal voltage	2.7V		
1.3	Cut-off voltage	0.1V		
1.4	Equivalent Resistance in series	$\leq 5 \Omega$	Test by instrument of interior resistance (AC1kHz)	
1.5	Charge voltage	2.7 \pm 0.05V		
1.6	Charge time	Rated charge	Approx.1.0hour	Charge at 30mA
		Fast charge	Approx.0.5hour	Charge at 60mA
1.7	Max. charge current	120mA		
1.8	Max.discharge current	120mA		
1.9	Working temperature	charge	-25 - 70°C	
		Discharge	-25 - 70°C	
1.10	Storage temperature	-20 – +45°C		
1.11	Average Weight	3.0g \pm 0.3g		
1.12	Max. Size (mm)	Thickness	Diameter	The precision of vernier caliper is less than 0.02mm
		3.5 _{-0.2} ⁺⁰	24.8 _{-0.5} ⁺⁰	
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.

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3. DIMENSION



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