

Super Capacitor

SP-2R5-J506UY

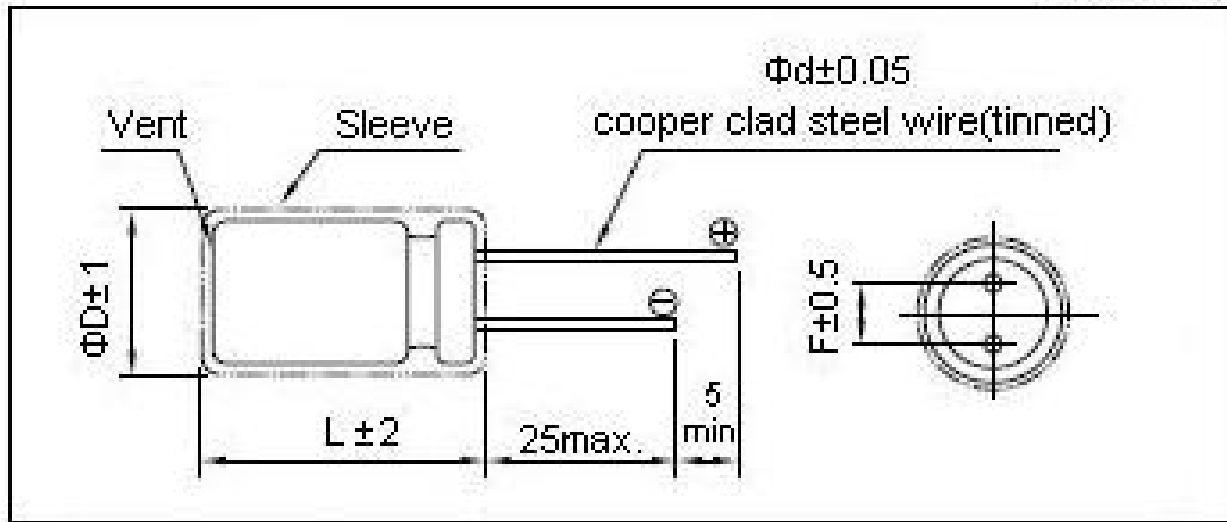
Specification

Rate discharge capacitance (F 25°C ΔV=1.5V-1.25V I=1A)	50
Capacitance tolerance	-10%~+20%
Nominal Voltage U ₀ (V)	2.5
Operating temperature range	-40°C~70°C
MAX.ESR(mΩ 1KHz)	30
Dimension(mm ϕ D x L)	18x34
Down-lead distance(mm P)	8±0.5
Down-lead diameter(mm ϕ d)	0.8±0.05
Cycle life Expectancy	Nominal voltage , 100,000 times charge-discharge circle ΔC/C ≤30% of the initial value, ESR≤4 times of the specified value(25°C)
Temperature characteristics	+70°C, ΔC/C ≤30% of the initial value ESR ≤ specified value(25°C) -40°C, ΔC/C ≤50% of the initial value ESR≤4 times of the specified value(25°C)
High temperature load characteristics	+70°C±2, nominal voltage, After 1000h ΔC/C ≤ 30% of the initial value ESR≤4 times of the specified value(25°C)
High temperature without load characteristics	Same with the High temperature load characteristics
Humidity Resistance	+40°C±2, 90--95% RH , After 240h ΔC/C ≤30% of the initial measured value IL≤2 times of specified value (25°C) ESR≤4 times of specified value (25°C)

Note: Information above just for your reference, more details please contact Green Energy Battery Co., Ltd.

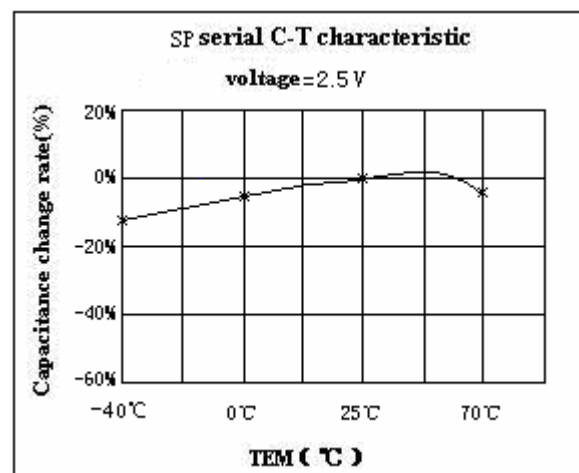
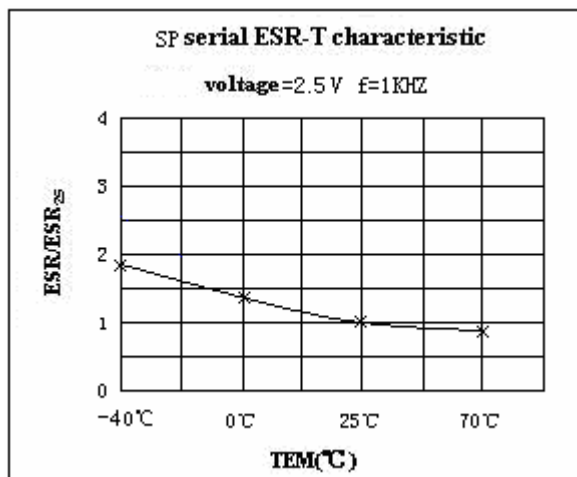
Figure and Dimension

Unit : mm

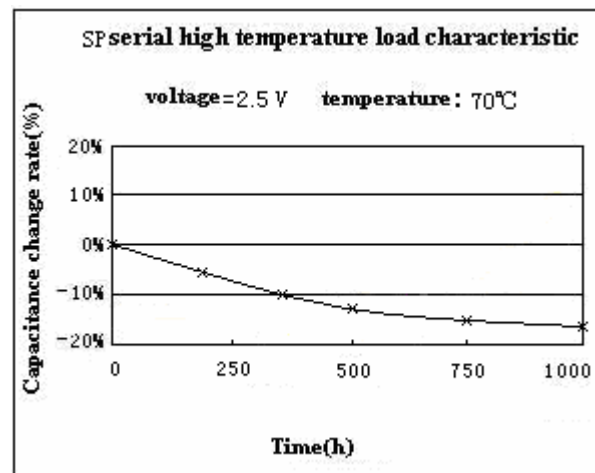
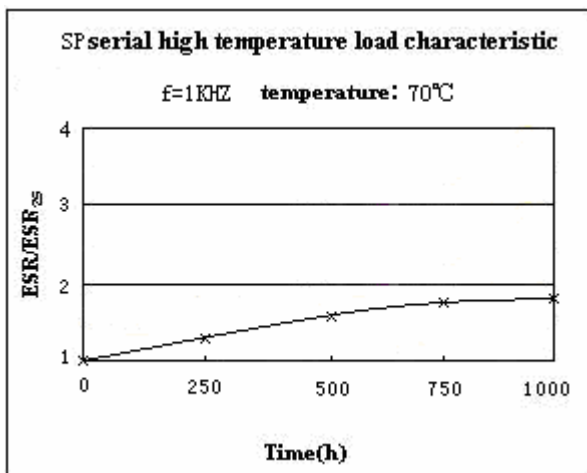


Characteristics Test Results

(1). Temperature characteristics



(2). Life characteristics



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