

Super Capacitor

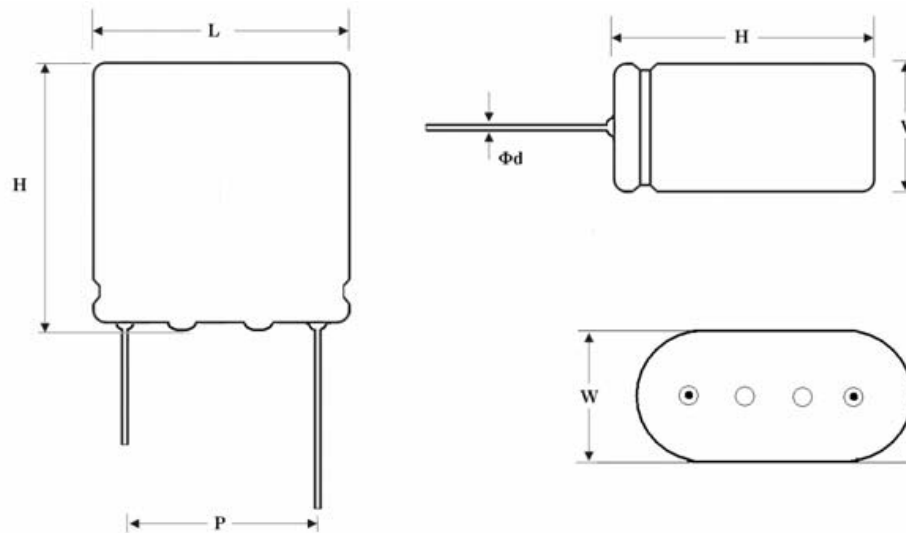
SP-5R5-Z105VY

Specification

Rate discharge capacitance (F 25°C $\Delta V=3.0V-2.5V$ $I=0.1A$)	1
Capacitance tolerance	-20%~+80%
Nominal Voltage U_0 (V)	5.5
Operating temperature range	-40°C~70°C
MAX.ESR(m Ω 1KHz)	240
Dimension(mm W x L x H)	10x21x22
Down-lead distance(mm P)	16±0.5
Down-lead diameter(mm ϕ d)	0.6±0.05
Cycle life Expectancy	Nominal voltage , 100,000 times charge-discharge circle $ \Delta C/C \leq 30\%$ of the initial value, ESR ≤ 4 times of the specified value(25°C)
Temperature characteristics	+70°C, $ \Delta C/C \leq 30\%$ of the initial value ESR $\leq$ specified value(25°C) -40°C, $ \Delta C/C \leq 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 $ \Delta C/C \leq 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 $ \Delta C/C \leq 30\%$ of the initial measured value IL ≤ 2 times of specified value (25°C) ESR ≤ 4 times of specified value (25°C)

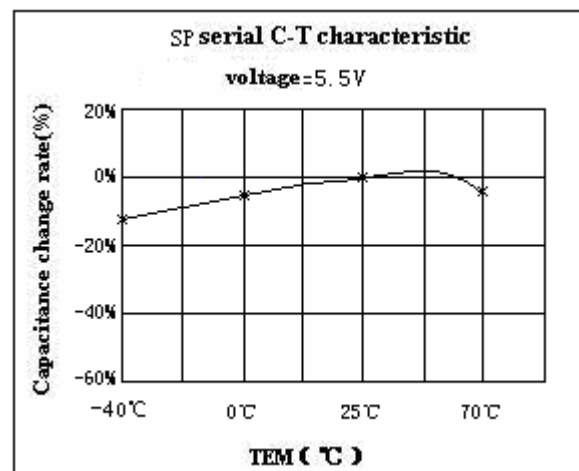
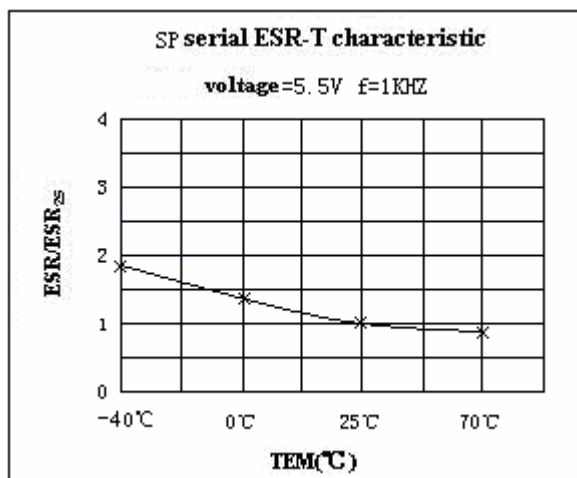
Note:Information above just for your reference, more details please contact Green Energy Battery Co.,Ltd.

Figure and Dimension

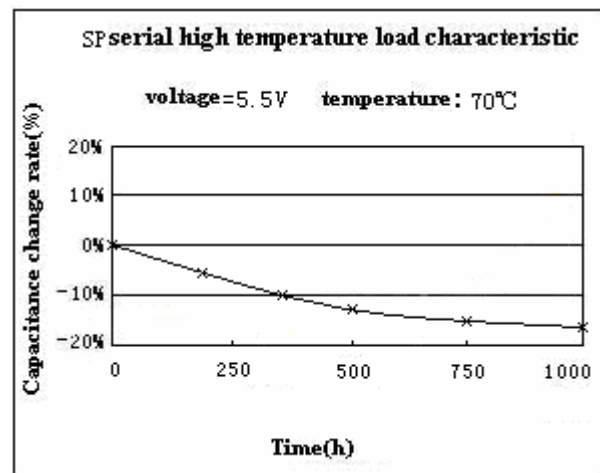
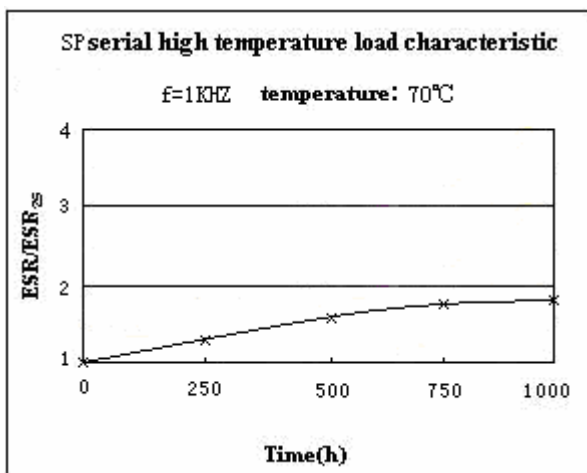


Characteristics Test Results

(1). Temperature characteristics



(2). Life characteristics



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