

Super Capacitor

HP-2R7-J506UY LR

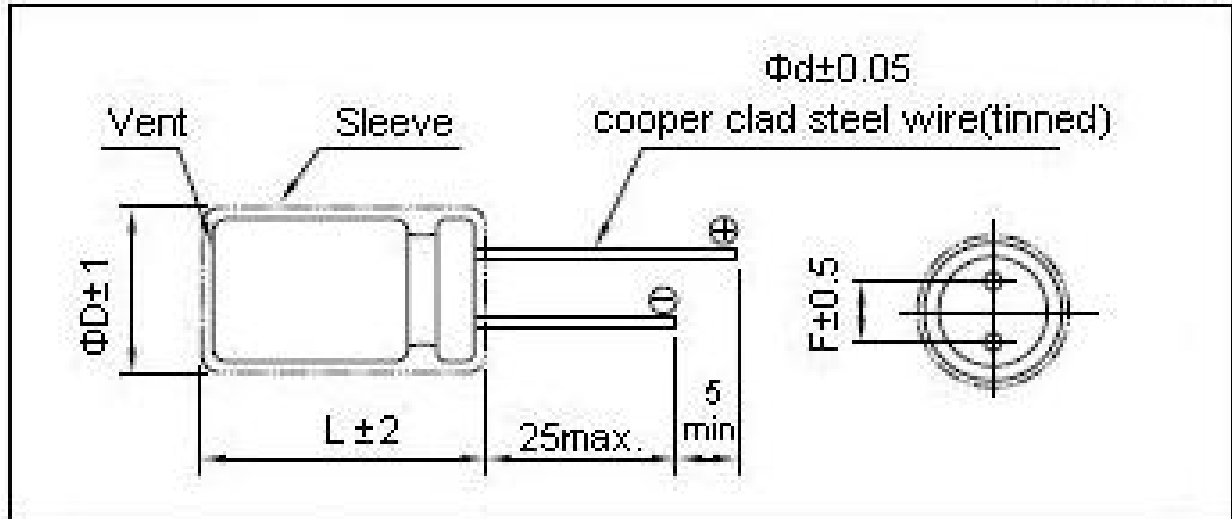
Specification

Rate discharge capacitance (F 25°C $\Delta V=1.5V-1.25V$ $I=1A$)	50
Capacitance tolerance	-10%~+20%
Nominal Voltage U_0 (V)	2.7
Operating temperature range	-40°C~70°C
MAX.ESR(m Ω 1KHz)	25
Dimension(mm ϕ D x L)	18x34
Down-lead distance(mm P)	8 $\pm$ 0.5
Down-lead diameter(mm ϕ d)	0.8 $\pm$ 0.05
Cycle life Expectancy	Nominal voltage , 100,000 times charge-discharge circle $ \Delta C/C \leq 30\%$ of the initial value, ESR $\leq$ 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 $\leq$ 4 times of the specified value(25°C)
High temperature load characteristics	+70°C $\pm$ 2, nominal voltage, After 1000h $ \Delta C/C \leq 30\%$ of the initial value ESR $\leq$ 4 times of the specified value(25°C)
High temperature without load characteristics	Same with the High temperature load characteristics
Humidity Resistance	+40°C $\pm$ 2 , 90--95% RH , After 240h $ \Delta C/C \leq 30\%$ of the initial measured value IL $\leq$ 2 times of specified value (25°C) ESR $\leq$ 4 times of specified value (25°C)

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

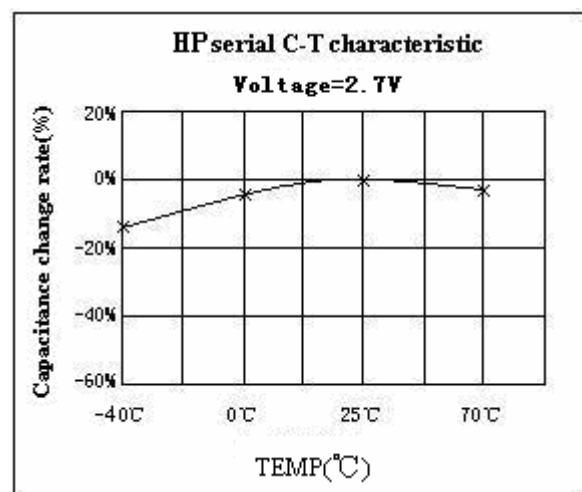
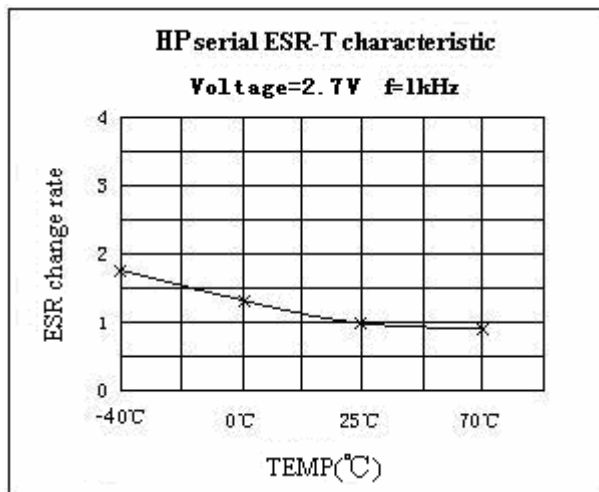
Figure and Dimension

Unit : mm

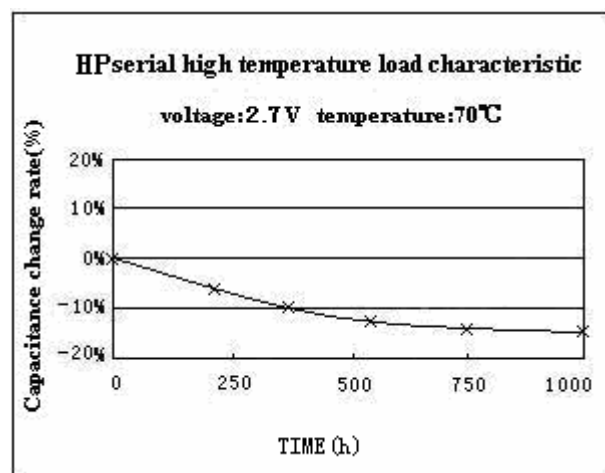
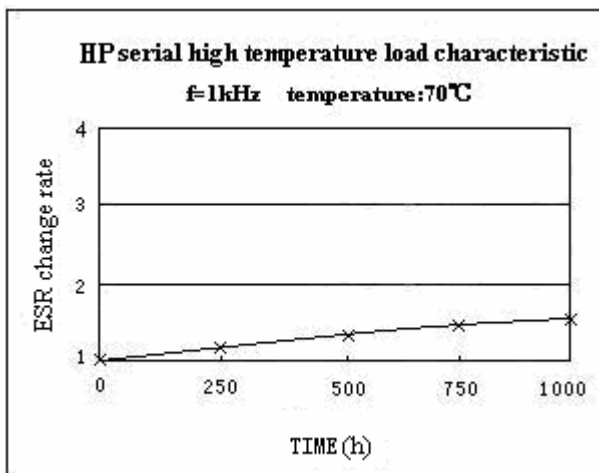


Characteristics Test Results

(1). Temperature characteristics



(2). Life characteristics



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