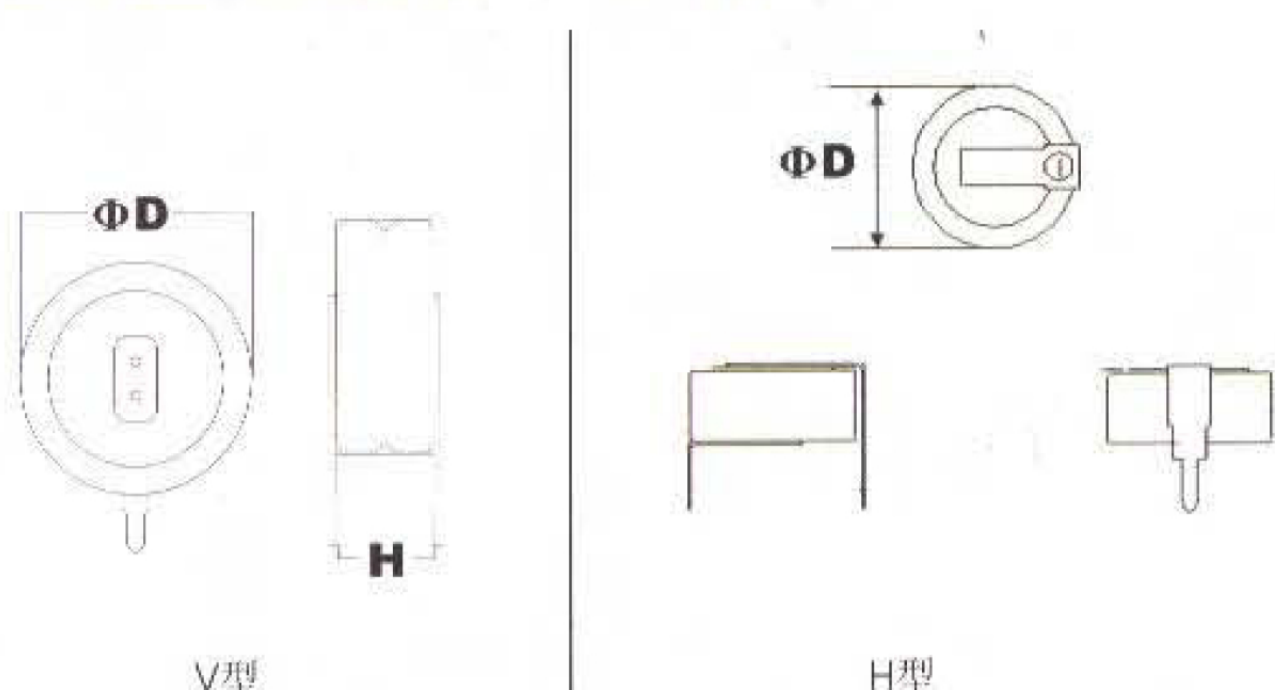




Coin Super Capacitor



Features

- Capacitance in farad level
- High discharge current up to **1000C**, low ESR
- Long life time of more than **100,000**times
- RoHS** compliant

Usage

- Power or back-up power for Video, Audio, CMOS, RAM, VCR, Camera, Printer, Hand-set Scanner, Telephone, Computer, LED, Relay, Consumption Electronics, Wireless Communications, Buzzer, Toys

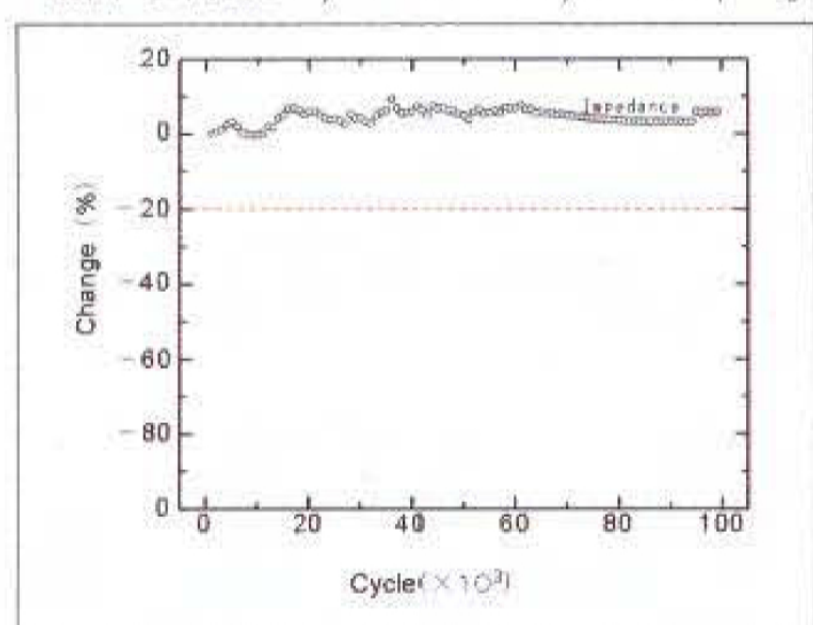
Specifications

Performance	Cell Type	5.5V Series
Rated voltage		5.5V
Surge voltage		6.0V
Rated capacitance		0.1F-4F
Capacitance tolerance		-20%~+80% (at 25°C)
Operation temperature		-25 ~ 70°C
Temperature characteristics	From -25°C to +70°C, ΔC ≤ 30% and ESR ≤ 4 times of initially measured values	
Moisture-proof characteristics	After fully charged, storage 500 hours at 55°C and 90-95%RH, ΔC ≤ 30% and ESR ≤ 4 times of initially measured values	
Load life test	After 1,000 hours application under rated voltage DC at 70°C, ΔC ≤ 30% of the initial value and ESR ≤ 4 times of initially measured values	
Cycle life	Charge-discharge for 100,000 cycles at rated voltage and 25°C, ΔC ≤ 30% and ESR ≤ 4 times of initially measured value	

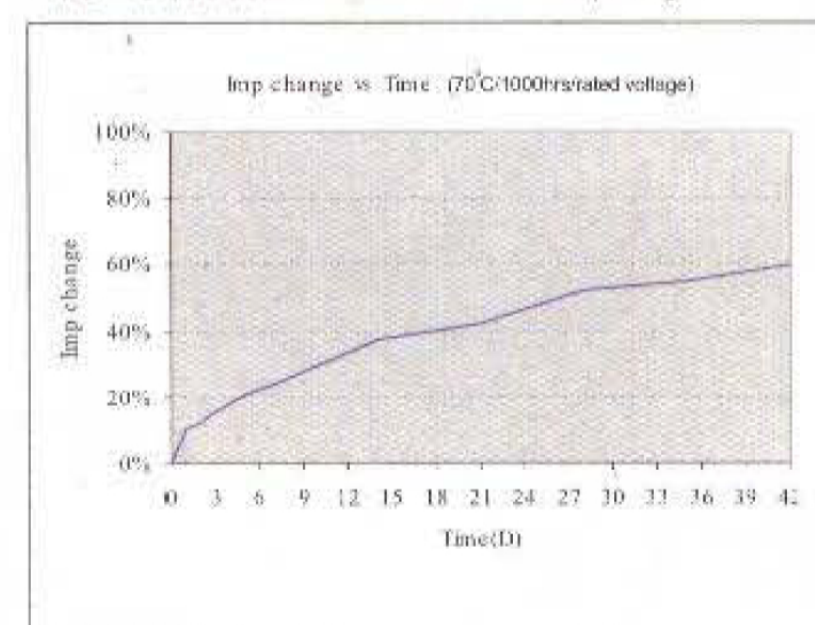
Rated voltage	Rated capacitance	ESR @1KHz (Ω)	Size (ΦD*H) (mm)	Solder type
5.5V	0.15F	≤150	7.1*5.0	V
5.5V	0.22F	≤70	9.7*4.6	V,H
5.5V	0.33F	≤60	9.7*6.0	V,H
5.5V	0.47F	≤45	12.8*4.3	V,H
5.5V	0.8F	≤40	16.3*4.8	C,V,H
5.5V	1.0F	≤35	19.0*5	C,V,H
5.5V	1.5F	≤24	20.3*3.9	V,H
5.5V	3.0F	≤15	20.3*6.9	V,H

Characteristics Curve

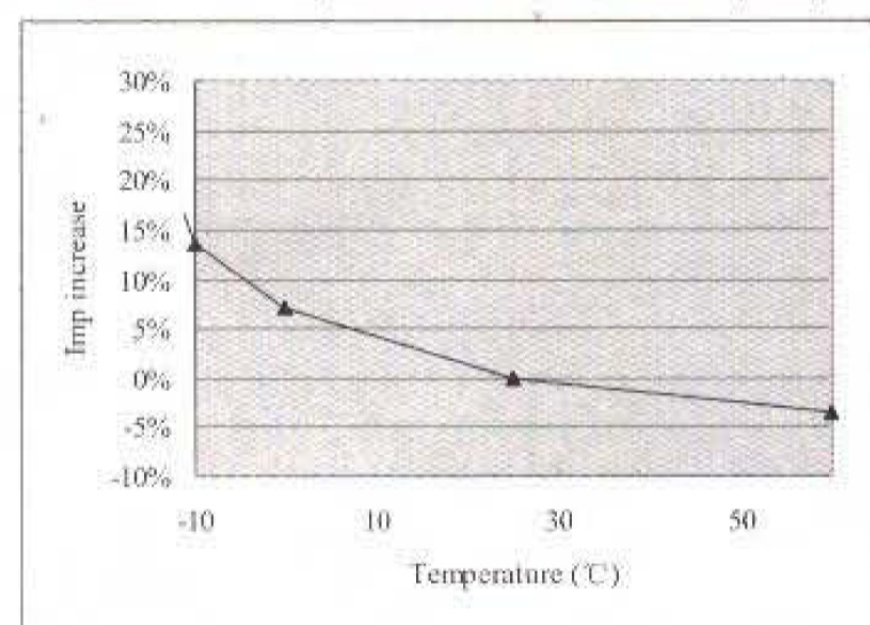
1. 循环寿命特性 / Cycle Life Characteristic - Cycle Time vs. Imp Change



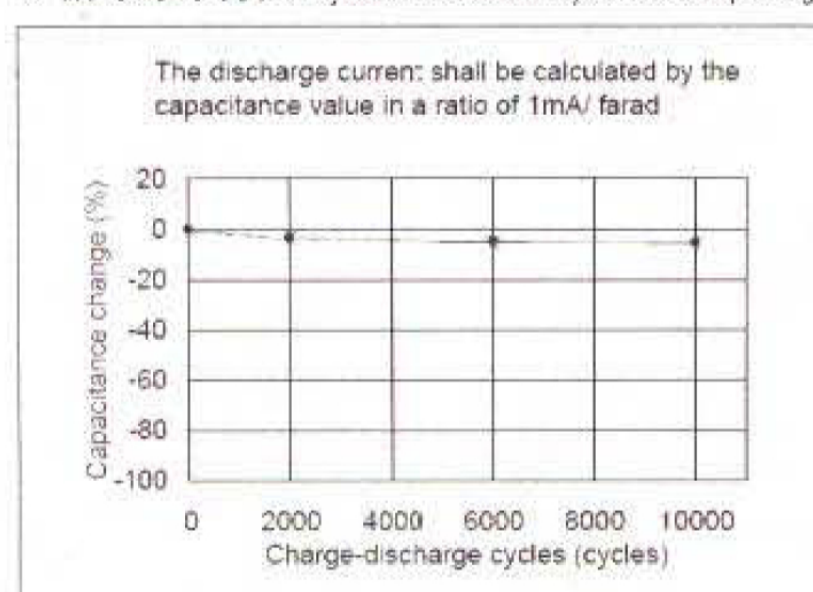
2. 高温负荷特性 / Load Life Test - Time vs. Imp Change



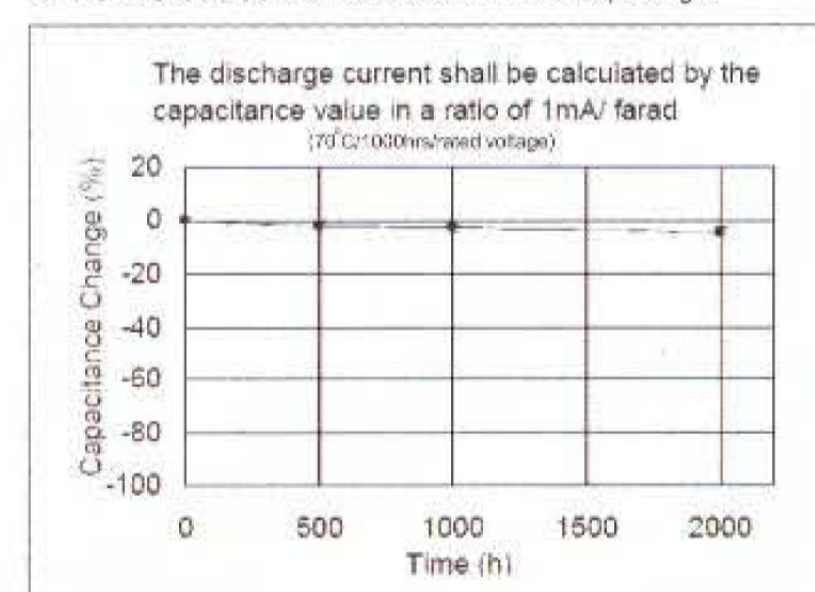
3. 温度特性 / Temperature Characteristic - Temperature vs. Imp Change



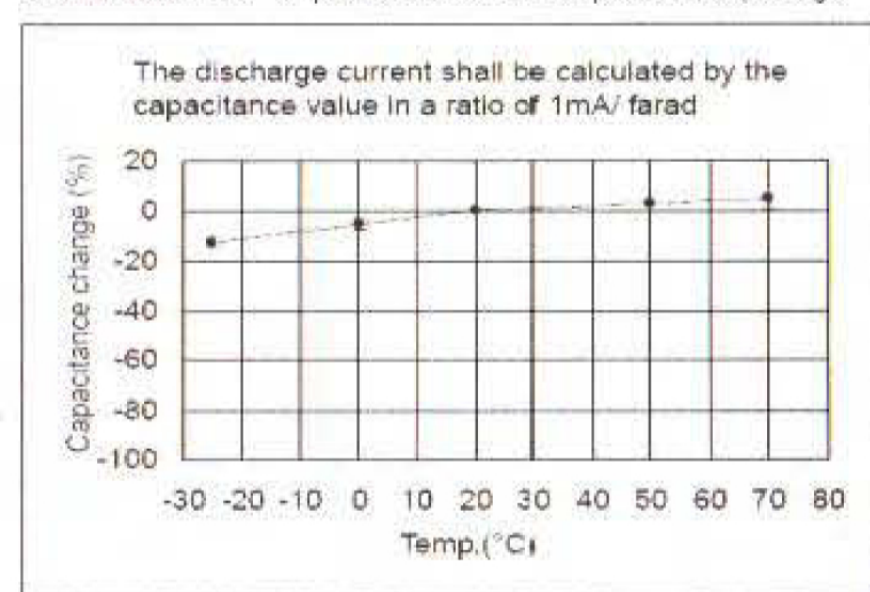
4. 循环寿命特性 / Cycle Life Characteristic - Cycle Time vs. Cap Change



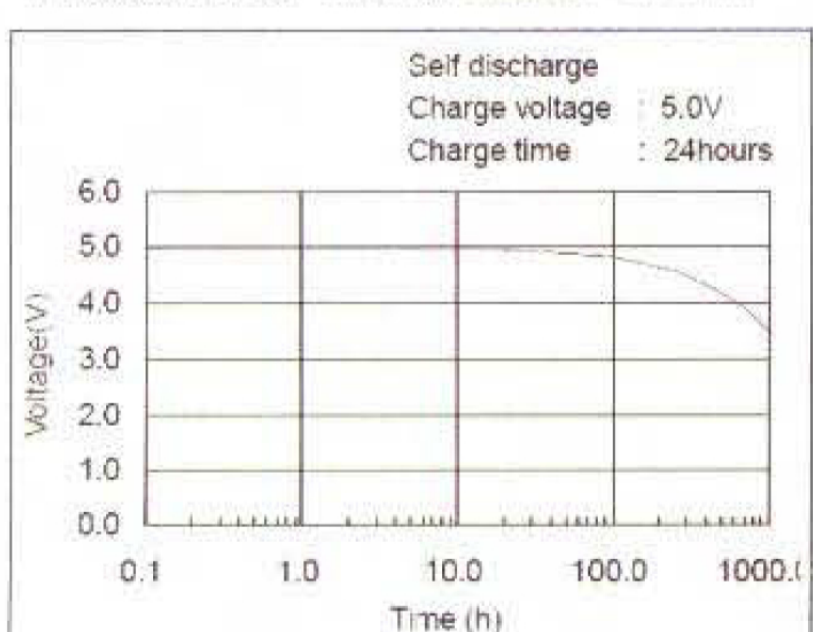
5. 高温负荷特性 / Load Life Test - Time vs. Cap Change



6. 温度特性 / Temperature Characteristic - Temperature vs. Cap Change



7. 自放电曲线 / Self-discharge Characteristic - OCV vs. Time



特点

- 小体积，法拉级超大容量
- 大电流放电，放电电流可高达**1000C**
- 超长的使用寿命，可达**100,000**次以上
- 环保，符合**RoHS**

应用

- 作为电源或者后备电源：VIDEO, AUDIO, CMOS, RAM, VCR, 照相机, 打印机, 手持式扫描仪, 收音机, 电话, 电视, 计算机, LED显示, 继电器, 电子蜂鸣器, 电动玩具, 消费类电子, 智能家居, 无限通讯设备等

RoHS

More than 100000



>>> 应用示例 / Application



燃气灶 / Gas Cooker



税控机 / Tax Machine



Mp3



汽车音响 / Car Audio and Video



手机 / Mobile Phone



数码相框 / Digital Photo Frame



机顶盒 / STB

