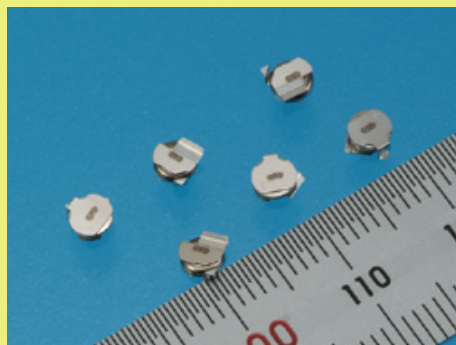


**NEW**

Small, High voltage resistant, 3.8 mm diameter Capacitor

# XH311HG

**SII** 

XH311HG is a coin type capacitor (D: 3.8mm / H: 1.1mm), with a unique quality of large current discharge, ranging from 3.3V to 0V. It is Pb-free reflowable with a high temperature heat resistance (Peak temperature of 260°C).

It is most suitable for cellphones or other mobile equipment, especially where space is limited.

## Features

- RoHs Compliant
- WEEE not applicable
- 3.3V constant charging
- Space reduction: 41% (Compared with our XH414-II06E and XH311HG-II42E)
- Pb-free reflowable
- Long cycle life

## Applications

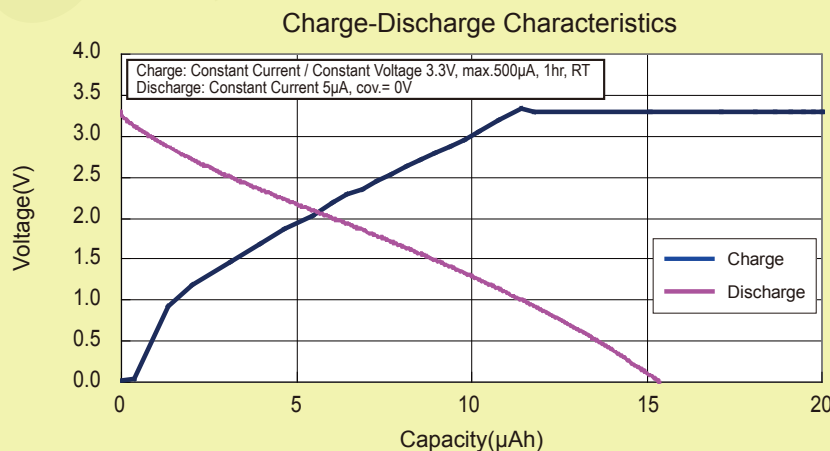
Backup power supply for RTC(Real-time Clock) and Memory

Cellphone, Digital Still Camera, MP3 Player, PDA etc.

## Specifications

| Type    | Maximum Charge Voltage | Capacity (Voltage Range) Capacitance | Internal Impedance | Size     |        | Weight |
|---------|------------------------|--------------------------------------|--------------------|----------|--------|--------|
|         |                        |                                      |                    | Diameter | Height |        |
| XH311HG | 3.3V                   | 6.5μAh (3.3V-2.0V)<br>0.02F          | 300Ω               | 3.8mm    | 1.1mm  | 0.04g  |

## Characteristics



### <APPLICATION NOTES>

**Prohibition ripple charging** : A ripple (high frequency fluctuation of voltage) in the charge voltage extremely lowers the capacitor performance. Be sure to charge capacitors with a stable voltage.

**Charge voltage** : The age deterioration of the capacitor depends on the charge voltage. The age deterioration is accelerated as charge voltage goes higher.

**Usage environment** : Aging degradation of the capacitor varies depending on the usage environment (temperature and humidity). Contact us for further details.

The information herein is subject to change without notice.

[www.sii-components.com](http://www.sii-components.com)

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We value the "takumi" spirit.