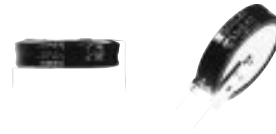


### Stacked Coin Type

Series: **SG**

#### ■ Features

- Endurance : 70 °C 1000 h
- Maximum height of 6.5 mm (H Terminal)
- RoHS directive compliant



#### ■ Recommended Applications

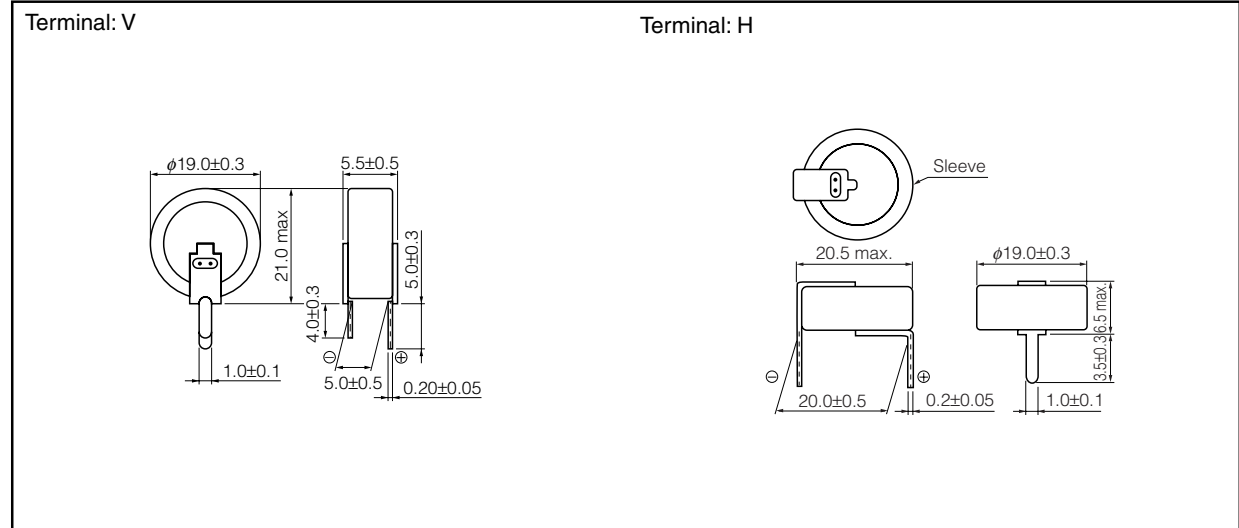
- Memory back-up for video and audio equipment, cameras, telephones, printers, data terminals, rice cookers and intelligent remote controls

#### ■ Specifications

|                                    |  |  |  |
|------------------------------------|--|--|--|
| Category Temp. Range               | -25 °C to +70 °C   |  |  |
| Maximum Operating Voltage          | 5.5 V.DC   |  |  |
| Nominal Cap.Range                  | 0.47 F to 1.5 F  |  |  |
| Characteristics at Low Temperature | Capacitance change   | ±30 % of initial measured value at +20 °C (at -25 °C)    |  |
|                                    | Internal resistance  | ≤5 times of initial measured value at +20 °C (at -25 °C) |  |
| Endurance                          | After 1000 hours application of 5.5 V. DC at +70 °C, the capacitor shall meet the following limits.          |  |  |
|                                    | Capacitance change   | ±30 % of initial measured value                          |  |
|                                    | Internal resistance  | ≤4 times of initial specified value                      |  |
| Shelf Life                         | After 1000 hours storage at +70°C without load, the capacitor shall meet the specified limits for Endurance. |  |  |

#### ■ Dimensions in mm(not to scale)

(Unit : mm)



#### ■ Standard Products

| Maximum Operating Voltage (V.DC) | Capacitance (F) | Capacitance tolerance (F) | Internal resistance (Initial specified value) (Ω) at 1kHz | Part number   | Min. Packaging Q'ty (pcs) |
|----------------------------------|-----------------|---------------------------|---|---------------|---------------------------|
| 5.5                              | 0.47            | 0.376 to 1.41             | ≤ 30  | EECS5R5( )474 | 100                       |
|                                  | 1.0             | 0.80 to 1.80              | ≤ 30  | EECS5R5( )105 | 100                       |
|                                  | 1.5             | 1.20 to 2.70              | ≤ 30  | EECS5R5( )155 | 100                       |

( ) Please use V or H, to indicate the terminal style.

Note : Do not use reflow soldering. (IR, Atmosphere heating methods, etc.)

Please refer to EE208 "Mounting Specifications".

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2010