

## Stacked Coin Type

Series: **RF**

## ■ Features

- Endurance: 85 °C 2000 h
- Can be discharged mA current
- RoHS directive compliant

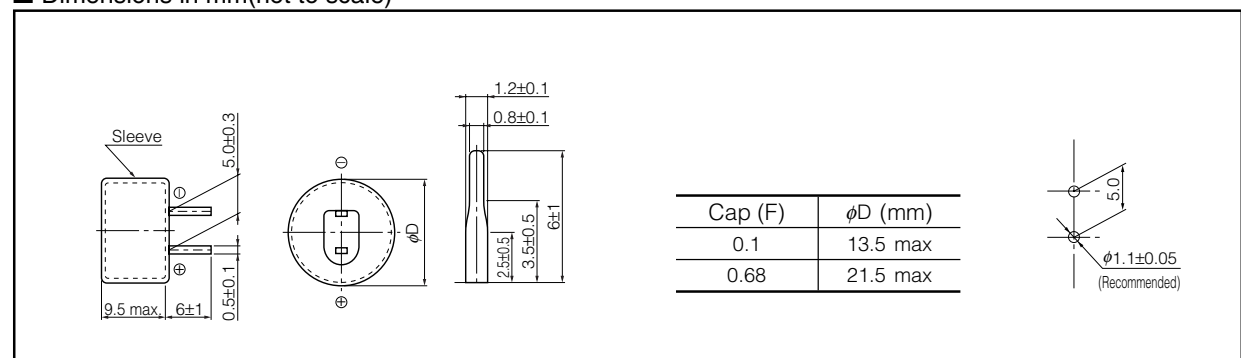
## ■ Recommended Applications

- Backup of data/RTC of base station, electronic meter, and industrial equipment
- For assist of rapid load change

## ■ Specifications

Series		RF	
Category temp. range		-25 °C to +85 °C	
Maximum operating voltage		5.5 V DC	
Nominal capacitance		0.1 F	0.68 F
Capacitance tolerance		-20 % to +80%	
Stability at low and high temperature		Lower category temp. (-25 °C)	Upper category temp. (+85 °C)
		Capacitance change	±30 % of initial measured value at 20 °C
		Internal resistance	≤5 times of initial measured value at 20 °C
Endurance		After 2000 hours application of maximum operating voltage at +85 °C	
		Capacitance change	±30 % of initial measured value at 20 °C
		Internal resistance	150 Ω or less
Shelf life		After 2000 hours storage at +85 °C without load (voltage)	
		Capacitance change	Capacitance change shall meet the specified limits for Endurance
		Internal resistance	Internal resistance shall meet the specified limits for Endurance

## ■ Dimensions in mm(not to scale)



## ■ Standard Products

Series	Maximum operating voltage (V DC)	Capacitance (F)	Internal resistance (Initial specified value) (Ω) at 1 kHz	Recommended discharge current (mA)	Parts number	Mass (g)	Min. packaging Q'ty (pcs)
RF	5.5	0.1	≤75	3 or less	EECRF0H104	3.3	200
		0.68	≤20	20 or less	EECRF0H684	4.1	100

Do not use reflow soldering, (IR, Atmospherheating methods, etc.) Please refer to P195 "Mounting Specifications".

P/N: EECRF0V684 is 3.6(V), 0.68(F) .

The recommended discharge current is a reference value.

Please design your equipment(circuit) in consideration of IR drop.

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 Dec. 2009