

## Stacked Coin Type

Not recommended for new design

Series : RF



### Features

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

### Recommended applications

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

### Specifications

Category temp. range	-25 °C to +85 °C	
Maximum operating voltage	5.5 V.DC	
Nominal capacitance	0.1 F	0.68 F, 1.0 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 2000 hours application of maximum operating voltage at +85 °C	
	Capacitance change	±30 % of initial measured value at 20 °C
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)

Cap (F)	φD (mm)
0.1	13.5 max
0.68, 1.0	21.5 max

(Unit : mm)

### Characteristics list

Maximum operating voltage (V.DC)	Capacitance (F)	Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω) at 1 kHz	Recommended discharge current (mA)	Parts number	Mass (Reference value) (g)	Min. packaging q'ty (pcs)
5.5	0.1	0.080 to 0.180	≤ 75	3 or less	EECRF0H104	3.3	200
	0.68	0.544 to 1.224	≤ 20	20 or less	EECRF0H684	10.0	100
	1.0	0.8 to 1.8	≤ 20	20 or less	EECRF0H105	10.0	100

Do not use reflow soldering. (IR, Atmospherheating methods, etc.) Please refer to the page of "Application guidelines".  
The recommended discharge current is a reference value. Please design your equipment(circuit) in consideration of IR drop.