# **Stacked Coin Type**

Series: RF Low temperature assured product



### **Features**

• Endurance: +85 °C 2000 h

Category temperature range : −40 °C to +85 °C

RoHS compliant

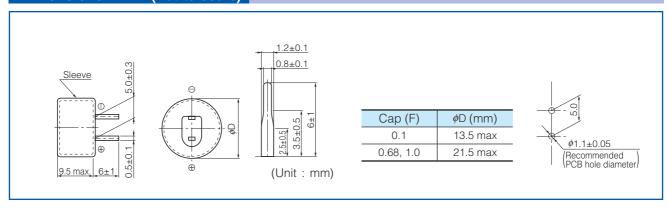
# Recommended applications

• Backup of data/RTC of base station, electronic meter, and industrial equipment

#### **Specifications**

Category temp. range	−40 °C to +85 °C						
Maximum operating voltage							
Nominal capacitance	0	.1 F	0.68 F, 1.0 F				
Characteristics at	Capacitance change						
low temperature	Internal resistance						
	After 2000 hours application of maximum operating voltage at +85 °C						
Endurance	Capacitance change	±30 % of initial measured value at 20 °C					
Endurance	Internal resistance	150 Ω or less (0.1 F)					
	Internal resistance	40 $\Omega$ or less (0.68 F, 1.0 F)					
	After 2000 hours storage at +85 °C without load (voltage)						
Shelf life	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)**



#### **Characteristics list**

Category temp. range (°C)	Maximum operating voltage (V.DC)	Capacitance (F)	TOIETANCE		Recommended *1 discharge current	Parts number	Mass (Reference value)	Min. packaging q'ty (pcs)
-40 to +85	5.5	0.1	0.080 to 0.180	≤ 75	300 µA or less	EECRF0H104N	3.3	200
		0.68	0.544 to 1.224	≤ 20	1 mA or less	EECRF0H684N	10.0	100
		1.0	0.8 to 1.8	≦20	1 mA or less	EECRF0H105N	10.0	100

<sup>\*1</sup> The recommended discharge current is a reference value. Please design your equipment(circuit) in consideration of IR drop.

Do not use reflow soldering. Please refer to the page of "Application guidelines".