# Panasonic Electric Double Layer Capacitors (Gold Capacitor)

## **Stacked Coin Type**

This series is not a recommended product. Not recommended for new design.

Series: RF



#### **Features**

● Endurance: +85 °C 2000 h Can be discharged mA current

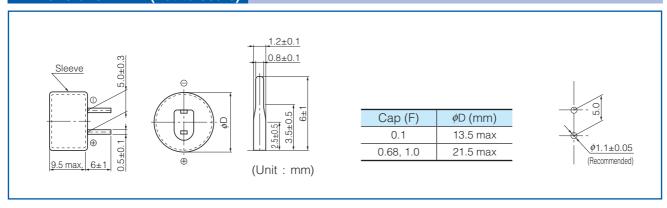
RoHS compliant

### **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	Capacitance change	±30 % of initial measured value at +20 °C (at -25 °C)				
low temperature	Internal resistance	≤5 times of initial measured value at +20 °C (at -25 °C)				
	After 2000 hours application of maximum operating voltage at +85 °C					
Endurance	Capacitance change	±30 % of initial measured value at 20 °C				
	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**

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)	Min. packaging q'ty (pcs)
5.5	0.1	0.080 to 0.180	<u>≤</u> 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	<u>≤</u> 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 dorop.