NEW

Stacked Coin Type

Series: **RF**

■ Features

- Endurance: 85 °C 2000 h
- –40 °C guarantee
- RoHS directive compliant

■ Recommended Applications

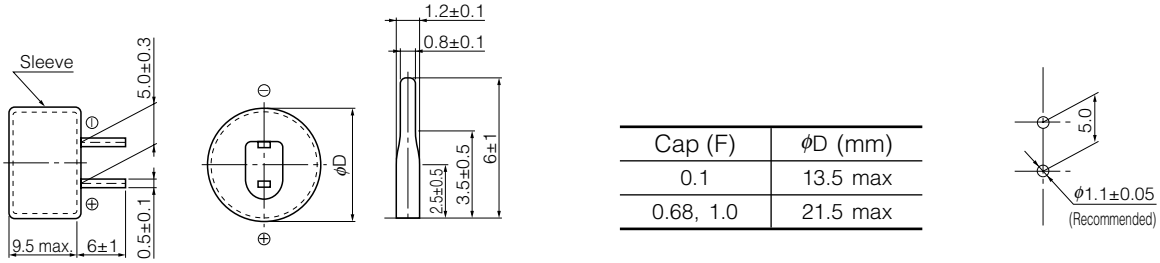
- Backup of data/RTC of base station, electronic meter, and industrial equipment

■ Specifications

Category temp. range		–40 °C to +85 °C	
Maximum operating voltage		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 –40 °C)
		Internal resistance	≦7 times of initial measured value at +20 °C (at –40 °C)
Endurance		After 2000 hours application of maximum operating voltage at +85 °C	
	Capacitance change	±30 % of initial measured value at 20 °C	±30 % of initial measured value at 20 °C
	Internal resistance	150 Ω or less	40 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)

(Unit : mm)



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

■ Standard Products

Maximum operating voltage (V.DC)	Capacitance (F)	Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω)at 1 kHz	Recommended discharge current	Parts number	Mass (Reference value) (g)	Min. packaging Q'ty (pcs)
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

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.

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.