# **Stacked Coin Type**

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

Series: LF Low temperature assured product



## **Features**

- Endurance : +85 °C 6000 h (More than 10 years at 40 °C) \*1
- Category temperature range : −40 °C to +85 °C
- RoHS compliant

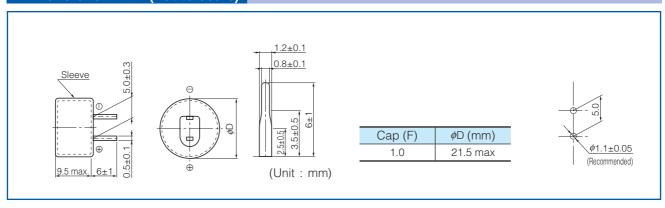
# **Recommended applications**

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

#### **Specifications**

Category temp. range	-40 °C to +85 °C 5.5 V.DC				
Maximum operating voltage					
Nominal capacitance	1.0 F				
Characteristics at	Capacitance change	±30 % of initial measured value at +20 °C (at -40 °C)			
low temperature	Internal resistance	≤7 times of initial measured value at +20 °C (at -40 °C)			
	After 6000 hours application of maximum operating voltage at +85 °C				
Endurance	Capacitance change	ange ±30 % of initial measured value			
	Internal resistance	120 Ω or less (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)	(F)		Recommended *2 discharge current	Parte numbar	Mass (Reference value)	Min. packaging q'ty (pcs)
-40 to +85	5.5	1.0	0.8 to 1.8	≦ 20	1 mA or less	EECLF0H105	10.0	100

- \*1 For the concept of product life refer to 1.4 for the "ambient temperature and the product life" of the application guidelines.
- \*2 Recommended discharge current are reference values. Please consider the deterioration of electrical characteristics with time and IR drop.

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

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