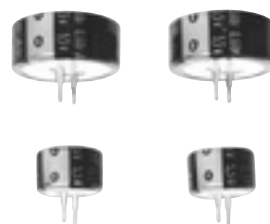## Stacked Coin Type

Series: **F**

■ Features
● Endurance : +85 °C 1000 h
● RoHS directive compliant

■ Recommended Applications
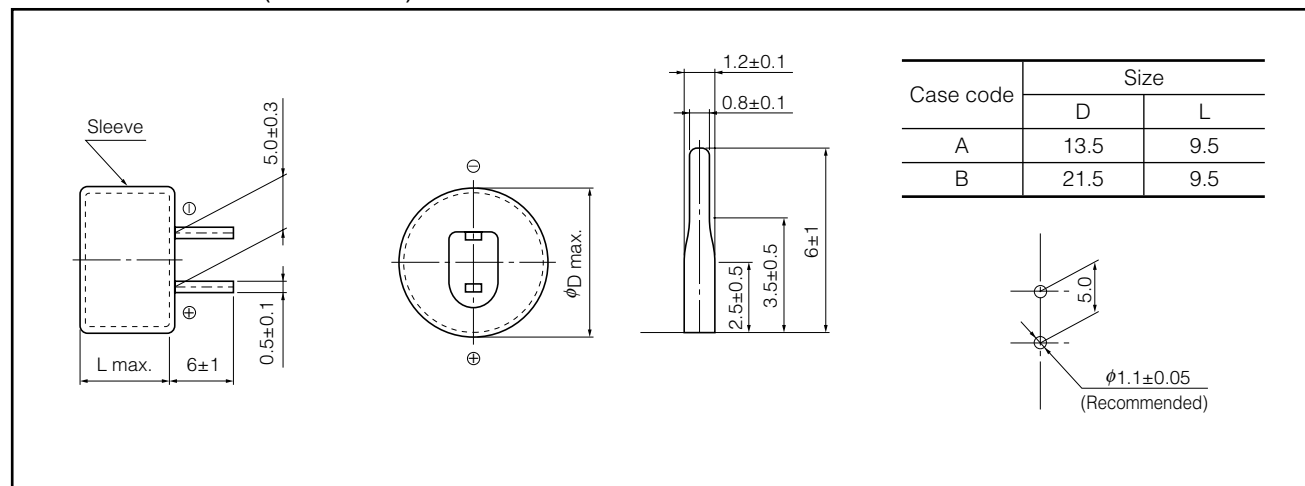● Backup of data/RTC of base station, electronic meter, and industrial equipment

■ Specifications

Category Temp. Range		−25 °C to +85 °C
Maximum Operating Voltage		5.5 V.DC
Nominal Cap.Range		0.1 F to 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 1000 hours application of 5.5 V. DC at +85 °C, the capacitor shall meet the following limits.	
	Capacitance change	±30 % of initial measured value
	Internal resistance	≤4 times of initial specified value
Shelf Life	After 1000 hours storage at +85 °C without load, the capacitor shall meet the specified limits for Endurance.	

■ Dimensions in mm(not to scale)

(Unit : mm)

Case code	Size	
	D	L
A	13.5	9.5
B	21.5	9.5

■ 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	Case code	Mass (Reference value) (g)	Min. Packaging Q'ty (pcs)
5.5	0.10	0.080 to 0.180	≤ 100	300 µA or less	EECF5R5H104	A	3.3	200
	0.47	0.376 to 0.846	≤ 75	1 mA or less	EECF5R5H474	B	10.0	100
	0.68	0.544 to 1.224	≤ 50	1 mA or less	EECF5R5H684	B	10.0	100
	1.00	0.80 to 1.80	≤ 50	1 mA or less	EECF5R5H105	B	10.0	100

Note : Do not use reflow soldering. (IR, Atmosphere heating methods, etc.)
Please refer to the page of "Application Guidelines".

02 May. 2015

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