Stacked Coin Type

Series: F



Features

● Endurance: +85 °C 1000 h

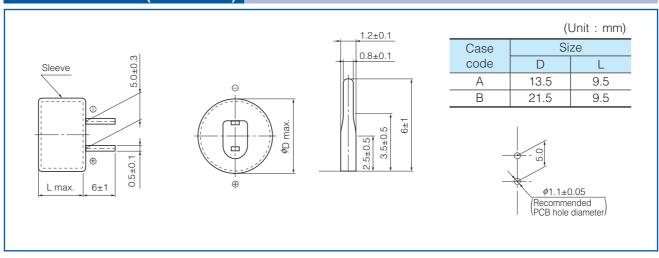
RoHS compliant

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)



Characteristics list												
Category temp. range (°C)			Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω) at 1 kHz	I RECOMMENDED	Parts number	Case code	Mass (Reference value) (g)	Min. packaging q'ty (pcs)			
-25 to +85	5.5	0.10	0.080 to 0.180	≦ 100	300 μA or less	EECF5R5H104	А	3.3	200			
		0.47	0.376 to 0.846	≤ 75	1 mA or less	EECF5R5H474	В	10.0	100			
		0.68	0.544 to 1.224	≦ 50	1 mA or less	EECF5R5H684	В	10.0	100			
		1.00	0.80 to 1.80	≤ 50	1 mA or less	EECF5R5H105	В	10.0	100			

^{*1} 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".