Stacked Coin Type

Not recommended for new design

Series: NF Low temperature assured product



Features

• Endurance: +70 °C 1000 h

Category temperature range : −40 °C to +70 °C

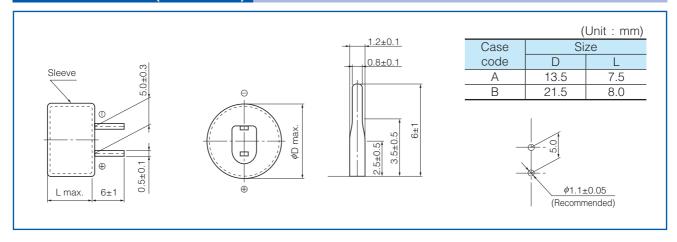
RoHS compliant

Recommended applications

• Memory back-up for video and audio equipment, cameras, telephones, printers, data terminals, rice cookers and intelligent remote controls.

Specifications						
Category temp. range	−40 °C to +70 °C					
Maximum operating voltage	5.5 V.DC					
Nominal cap.range	0.22 F to 1.5 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 1000 hours application of 5.5 V.DC at +70 °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 +70 °C without load, the capacitor 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	Parts number	Case code	Mass (Reference value)	Min. packaging q'ty (pcs)
5.5	0.22	0.176 to 0.396	≤ 75	300 μA or less	EECF5R5U224N	Α	2.6	200
	0.47	0.376 to 1.41	≦30	1 mA or less	EECF5R5U474N	В	7.9	100
	1.0	0.80 to 1.80	≦30	1 mA or less	EECF5R5U105N	В	8.1	100
	1.5	1.20 to 2.70	≤30	1 mA or less	EECF5R5U155N	В	8.1	100

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