Stacked Coin Type

Series: **SD** Low temperature assured product



Features

• Endurance: +70 °C 1000 h

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

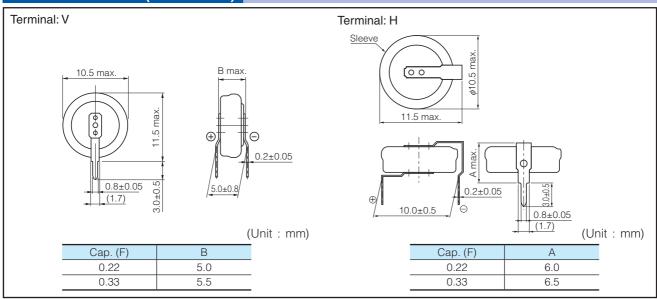
RoHS compliant

Recommended applications

 Memory back-up for video and audio equipment, cameras, telephones, printers, data terminals, rice cookers, 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, 0.33 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 1000 hours application of 5.5 V.DC at +70 °C, the capacitor shall meet the following limits.					
Endurance	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										
Category temp. range (°C)	Maximum operating voltage (V.DC)	Capacitance (F)	I tolerance	Internal resistance (Initial specified value) (Ω) at 1 kHz	Recommended *1 discharge current (µA)		Mass (Reference value)	Min. packaging q'ty (pcs)		
-40 to +70	5.5	0.22	0.176 to 0.396	≤ 75	300 or less	EECS0HD224()N	1.0	200		
		0.33	0.264 to 0.594	≤ 75	300 or less	EECS0HD334()N	1.1	200		

⁽⁾ Please use V or H, to indicate the terminal style.

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

^{*1} The recommended discharge current is a reference value. Please design your equipment(circuit) in consideration of IR drop.