

Stacked Coin Type

Series: **SD**

■ Features

- Endurance : 70 °C 1000 h
- RoHS directive compliant



■ Recommended Applications

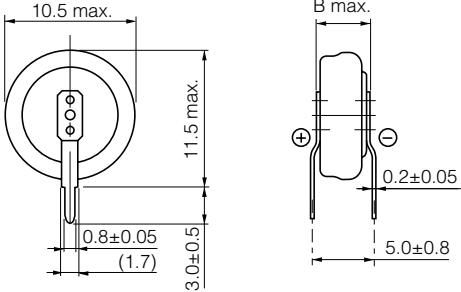
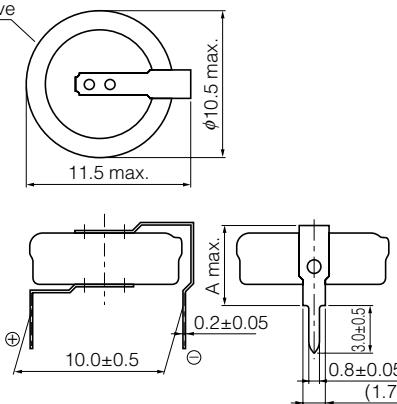
- Memory back-up for video and audio equipment, cameras, telephones, printers, data terminals, rice cookers, intelligent remote controls

■ Specifications

Category	Temp. Range	-25 °C to +70 °C	
Maximum Operating Voltage	5.5 V.DC		
Nominal Cap.Range	0.22 F, 0.33 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 +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)

(Unit : mm)

Terminal: V	Terminal: H
	
Cap. (F)	B
0.22	5.0
0.33	5.5
Cap. (F)	A
0.22	6.0
0.33	6.5

■ Standard Products

Maximum operating voltage (V.DC)	Capacitance (F)	Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω)at 1 kHz	Recommended discharge current (μA)	Parts number	Mass (Reference value) (g)	Min. packaging Q'ty (pcs)
5.5	0.22	0.176 to 0.396	≤ 75	300 or less	EECS0HD224()	1.0	200
	0.33	0.264 to 0.594	≤ 75	300 or less	EECS0HD334()	1.1	200

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

Note : Do not use reflow soldering. (IR, Atmosphere heating methods, etc.)

Please refer to the page of "Application Guidelines".