

Stacked Coin Type

Series: SD

Country of Origin

■ Feature Endurance : 70°C 1000 h
RoHS directive compliant

Japan



■ 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 to +70°C	
Maximum Operating Voltage	5.5 V .DC	
Nominal Cap. Range	0.022 to 0.33 F	
Characteristics at Low Temperature	Capacitance change	±30% of initial measured value at +20°C (-25 to +70°C)
	Internal resistance	≤ 5 times of initial measured value at +20°C (at -25°C)
Endurance	After 1000 hours application of 5.5V. 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.	
Moisture Resistance	After 500 hours storage at +55°C, 90 to 95% R.H., the capacitor shall meet the specified limits for Endurance.	

■ Dimensions in mm (not to scale)

Terminal: V

Terminal: H

Cap.(F)	A
0.022 to 0.1	5.5
0.22	6.0
0.33	6.5

Cap. (F)	B
0.022 to 0.22	5.0
0.33	5.5

■ Standard Products

Maximum Operating Voltage (V.DC)	Capacitance (F)	Capacitance range (F)	Internal resistance (Ω) at 1kHz	Part number	Min. Packaging Q'ty (PCS)
5.5	0.022	0.0176 to 0.0396	≤150	EECS0HD 223()	200
	0.047	0.0376 to 0.0846	≤120	EECS0HD 473()	200
	0.10	0.080 to 0.180	≤ 75	EECS0HD 104()	200
	0.22	0.176 to 0.396	≤ 75	EECS0HD 224()	200
	0.33	0.264 to 0.594	≤ 75	EECS0HD 334()	200

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

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