

### Stacked Coin Type

Series: SD

Country of Origin

#### ■ Features

Endurance : 70°C 1000 h

Japan



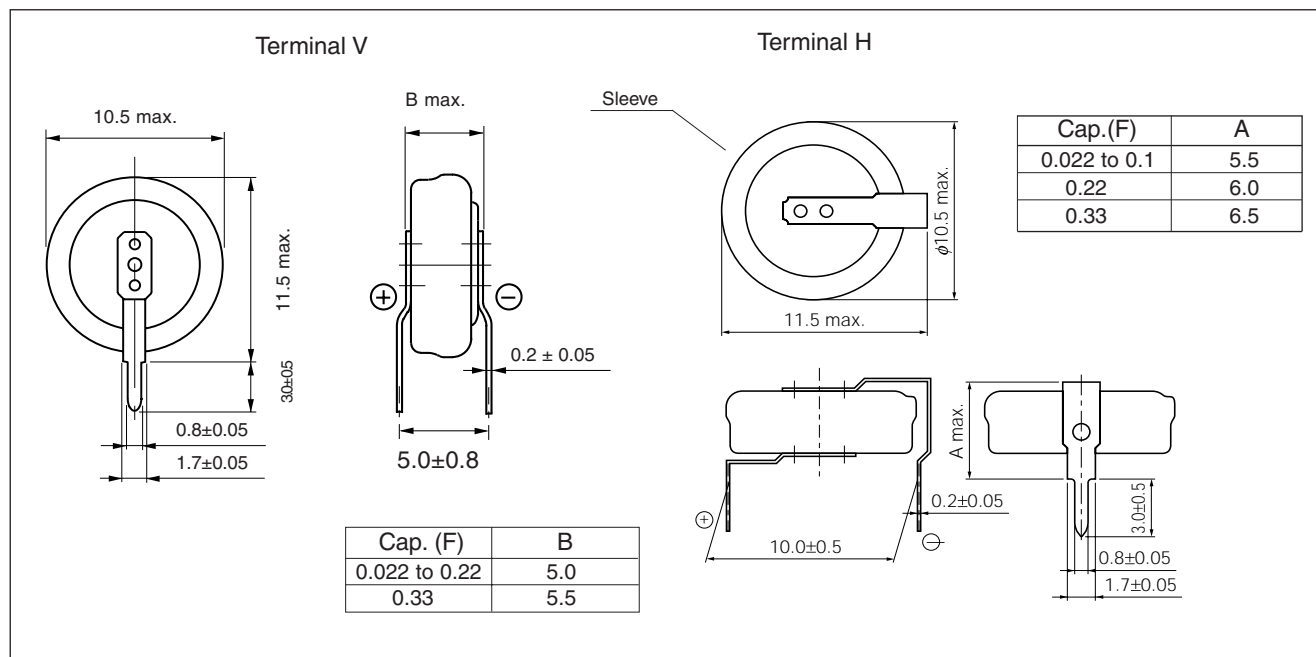
#### ■ Recommended Applications

Memory back-up for Video, Audio, Cameras, Telephones, Printer, Data terminal, Rice cooker, Intelligent remote controller

#### ■ 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)



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Maximum Operating Voltage (V.DC)	Capacitance (F)	Capacitance range (F)	Internal resistance (Ω) at 1kHz	Part number	Min. Packaging QTY (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 fill V or H, which means terminal style.

Note:It is not allowed to go through reflow (IR,Atmosphere heating methods etc.) process.