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

<u> </u>					
Category Temp. Range	−25 °C to +70 °C				
Maximum Operating Voltage	5.5 V.DC				
Nominal Cap.Range	0.022 F to 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 Sleeve 10.5 max. B max (00 11.5 max \oplus 0.2 ± 0.05 0.8±0.05 5.0±0.8 0.2±0.05 (1.7) ⊕/| 10.0±0.5 0.8±0.05 Cap. (F) Cap. (F) В 0.022 to 0.1 5.5 0.022 to 0.22 5.0 6.0 0.22 0.33 5.5 0.33 6.5

■ Standard Products

Maximum Operating Voltage	Capacitance	Capacitance tolerance	Internal resistance (Initial specified value)		Min. Packaging Q'ty
(V.DC)	(F)	(F)	(Ω) at 1kHz		(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.)

Please refer to EE208 "Mounting Specifications".