

Stacked Coin Type

Series : **SD**

! This series is not a recommended product.
Not recommended for new design.



Features

- Endurance : +70 °C 1000 h
- 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	-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)

Terminal : V

(Unit : mm)

Cap. (F)	B
0.22	5.0
0.33	5.5

Terminal : H

(Unit : mm)

Cap. (F)	A
0.22	6.0
0.33	6.5

Characteristics list

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".

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- The quality and performance of our products as described in this online catalog only apply to our products when used in isolation. Therefore, please ensure you evaluate and verify our products under the specific circumstances in which our products are assembled in your own products and in which our products will actually be used.
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<Regarding the Certificate of Compliance with the EU RoHS Directive/REACH Regulations>

- The switchover date for compliance with the RoHS Directive/REACH Regulations varies depending on the part number or series of our products.
- When you use the inventory of our products for which it is unclear whether those products are compliant with the RoHS Directive/REACH Regulation, please select "Sales Inquiry" in the website inquiry form and contact us.

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