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

| p | | | | | |
|---------------------------------------|--|--|--|--|--|
| 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".