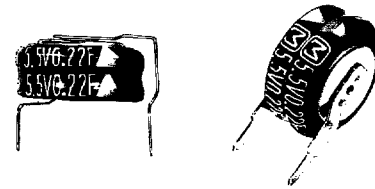


Gold Capacitor Series SD

Features

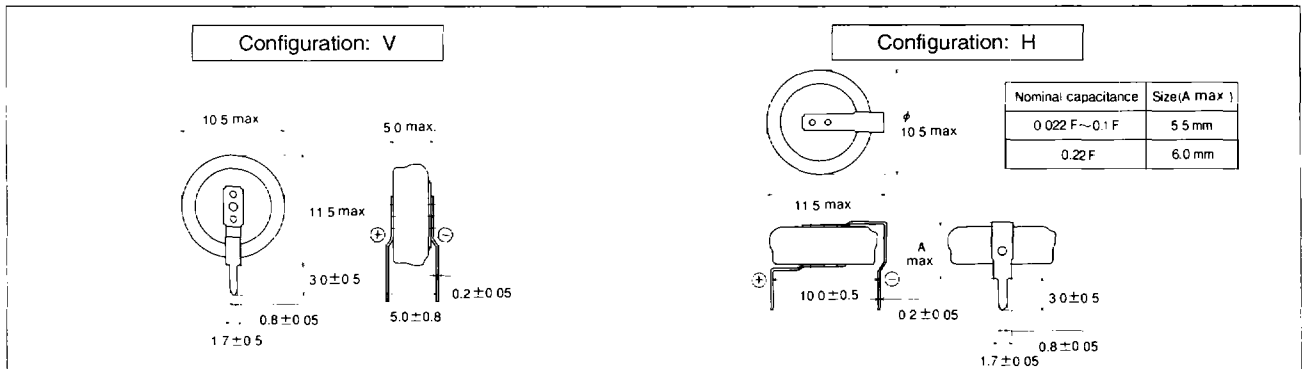
- 30 % smaller than series SG
Terminal V : 15 % low profile
Terminal H : 25 % less area on PCB
- Terminal solderability 95 %
- Longer life than a secondary battery
- Best choice for μA range IC memory back-up



Specifications

Item	Performance Characteristics		
Operating Temperature Range	-25 to +70 °C		
Rated Working Voltage	5.5 V DC		
Nominal Capacitance Range	0.022 F to 0.22 F		
Capacitance Tolerance	-20 % to +80 %		
Internal Resistance	Refer to "Standard products table" for each value		
Characteristics at High and Low Temperature	-25 °C & +70 °C	Capacitance change	+30 % of the measured value at +20 °C
	-25 °C	Internal resistance	≤ 5 times the measured value at +20 °C
Endurance	The capacitor shall meet the following limits after 1000 hours application of 5.5 V DC at +70 °C. Capacitance change : ± 30 % of the initial measured value Internal resistance : ≤ 4 times the initial specified value		
Shelf Life	The capacitor shall meet the limits for "Endurance" after 1000 hours exposure at +70 °C with no voltage applied.		
Moisture Resistance	The capacitor shall meet the limits specified for "Endurance" after 500 hours exposure at +55 °C/90 to 95 % R.H., with 5.5 V DC applied.		

Dimensions in mm (not to scale)



Standard Products

Rated working voltage [V.DC]	Nominal capacitance [F]	Part number*	Internal resistance [Ω] at 1 kHz
5.5	0.022	EECS0HD233	≤ 150
	0.047	EECS0HD473	≤ 120
	0.10	EECS0HD104	≤ 75
	0.22	EECS0HD224	≤ 75

* \square = V (Configuration: V) or H (Configuration: H)

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.