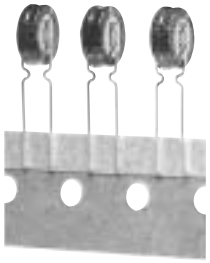
Stacked coin Type

Series: SE

Country of Origin

Japan



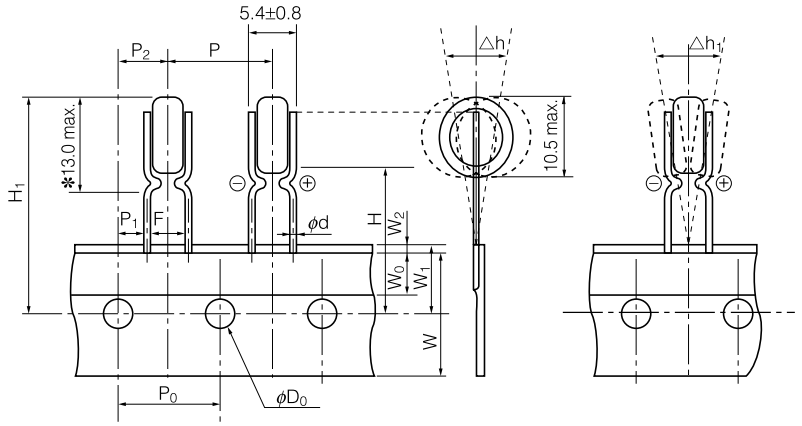
■ Feature
Endurance : 70°C 1000 h
Automatic insertion available
RoHS directive compliant

■ Recommended Applications
Memory back-up for video and audio equipment, cameras, telephones, printers, data terminals, rice cookers and intelligent remote controls.

■ Specifications

Category temp. range	-25 to +70°C	
Maximum Operating Voltage	5.5 V .DC	
Nominal Cap. Range	0.022 to 0.22 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)



Dimensions	Nominal	Tolerance
φd	0.55	± 0.05
P0	12.7	± 0.2
F	5.0	+0.8 -0.2
W	18.0	±0.5
W0	5.5≦	-
W1	9.0	±0.5
W2	0 to 3.0	-
H	18.0	±0.5
φD0	4.0	±0.2
P	12.7	±1.0
P1	3.85	±0.50
P2	6.35	±1.00
Δh, Δh1	0	±1.0
H1	28.5≦	-

*Expected dimensions of the capacitor above the board after soldering

■ Standard Products

Maximum Operating Voltage (V.DC)	Capacitance (F)	Capacitance range (F)	Internal resistance (Ω) at 1kHz	Part number	Min. Packaging Qíty (PCS)
5.5	0.022	0.0176 to 0.0396	≦ 150	EECSE0H223	1000
	0.047	0.0376 to 0.0846	≦ 120	EECSE0H473	1000
	0.10	0.080 to 0.180	≦ 75	EECSE0H104	1000
	0.22	0.176 to 0.396	≦ 75	EECSE0H224	1000

Note: 1. When ordering please observe the minimum packaging quantity.
2. When the surface mount component goes through UV or a heat oven to affix the adhesive glue, the capacitorís surface temperature should not exceed 100°C for more than 60 seconds(maximum temperature should not exceed 105°C)
3. Do not use reflow soldering .(IR, Atmosphere heating methods, etc.)