Surface Mount Type

Series: EN

■ Feature Re-flow soldering method available (250°C)

Miniaturized:

Longer life and environmentally friendly

RoHS directive compliant

■ Recommended Applications

Memory cards(power supply to hold memory), mobile phones, PDAs, digital cameras.

Country of Origin

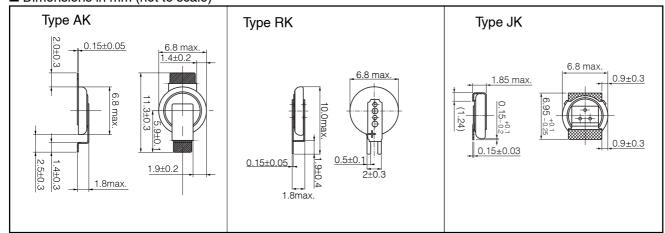
Japan



■ Specifications

Category temp. range	-10 to +60°C						
Maximum Operating Voltage	3.3 V .DC						
Nominal Capacitance	0.2 F						
Maximum Operating Current	10 μA MAX						
Stability at low temperature and high temperature	Category temp. range(-10°C)						
	Capacitance change	±30% of initial measured value at +20°C					
	Internal resistance	≤10 times of initial measured value at +20°C					
	Category temp. range(+60°C)						
	Capacitance change	±30% of initial measured value at +20°C					
	Internal resistance	≦ measured value at +20°C					
Endurance	After 500 hours application of 3.3V. DC at +60°C, the capacitor shall meet the following limits.						
	Capacitance change	±30% of initial measured value					
	Internal resistance	4kΩ or less					
Shelf Life	After 500 hours storage at +60°C without load, the capacitor shall meet the following limits						
	Capacitance change	±30% of initial measured value					
	Internal resistance	1 k ohm or less					
High temperature High humidity	After 500 hours storage at +40°C, 90 to 95% R.H., the capacitor shall meet the specified limits for shelf life.						

■ Dimensions in mm (not to scale)



■ Standard Products

= Standard 1 Toddots									
Maximum Operating Voltage	Capacitance	Capacitance range	Internal resistance	Mass	Part number	Min. Packaging QTY			
(V.DC)	(F)	(F)	(Ω) at 1kHz	(g)		Reel (pcs)			
3.3	0.2	0.16 to 0.36	200	0.2 (Approx.)	EECEN0F204()	2000			

The re-flow condition / taping dimensions are explained on p.214 of our Catalog. Please use it as a reference guide.

(): Please use AK,RK or JK to indicate terminal type.

Note: 1. When the capacitor is being used in a high temperature and high humidity environment for a long period, brown deposited materials might be found around the sealing area. However, the materials are insulators and will not affect any electrical characteristics of the capacitor.

2.Do not use reflow soldering when cell voltage is above 0.3V.