



**THE DATASHEET OF
EEC-EP0E333A**



Surface Mount Type

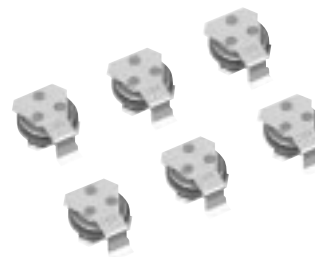
Series: **EP**

■ Features

- Miniaturized : Dia3.8 × height 1.5 mm max.
- Reflow soldering method available (260 °C)
- RoHS directive compliant

■ Recommended Applications

- Mobile phones, PDAs
- RTC backup

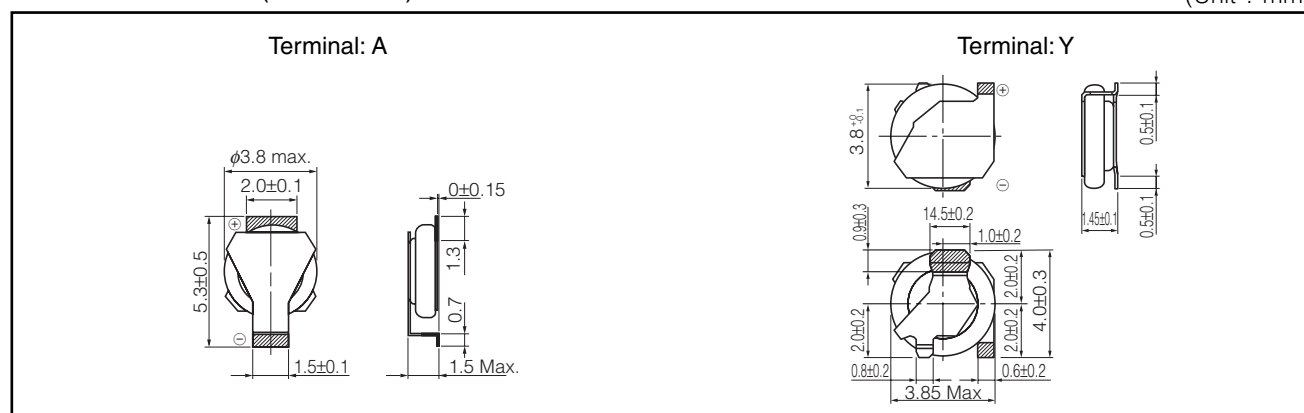


■ Specifications

Category Temp. Range	-10 °C to +60 °C			
Maximum Operating Voltage	2.6 V DC		3.3 V DC	
Nominal capacitance	0.033 F			
Characteristics at Low Temperature	Capacitance change	±30 % of initial measured value at 20 °C (at -10°C)		
	Internal resistance	≤10 times of initial measured value at 20 °C (at -10°C)		
Endurance	After 500 hours application of 2.6 V at +60 °C		After 250 hours application of 3.3 V at +60 °C	
	Capacitance change	±30 % of initial measured value at 20 °C	Capacitance change	±30 % of initial measured value at 20 °C
	Internal resistance	2 kΩ or less	Internal resistance	4 kΩ or less
Shelf Life	After 500 hours strage at +60 °C without load (voltage)			
	Capacitance change	±30 % of initial measured value at 20 °C		
	Internal resistance	1 kΩ or less		

■ Dimensions in mm(not to scale)

(Unit : mm)



■ Standard Products

Maximum Operating Voltage (V.DC)	Capacitance (F)	Capacitance tolerance	Internal resistance (Initial specified value) (Ω) at 1 kHz	Maximum discharging current (μA)	Part number	Mass (g)	Min. Packaging Q'ty (pcs)
2.6	0.033	- 20% to +80%	≤350	5	EECEP0E333 ()	0.06	4000
3.3					EECEP0F333 ()		

() Please use A or Y, to indicate the terminal style.

The re-flow condition / taping dimensions are explained on EE210, EE211 of our catalog.



Note : 1. Do not use reflow soldering when cell voltage is above 0.3 V.

2. When the capacitor is being used in a high temperature and high humidity environment for a long period, and will not affect any electrical characteristics of the capacitor.

3: EP series is a small capacitor that developed for the RTC backup of cellular phone. Therefore, there is a possibility that it will not be able to back up in short term depend on using condition. Please contact us before you use it

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View EEC-EP0E333A on WIN SOURCE](#)
-  [Panasonic Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management