

Surface Mount Type

Series: **ER**



■ Features

- Size 322510 (Nothing smaller in EDLC industry)
- Reflow soldering method available (260 °C)
- RoHS directive compliant

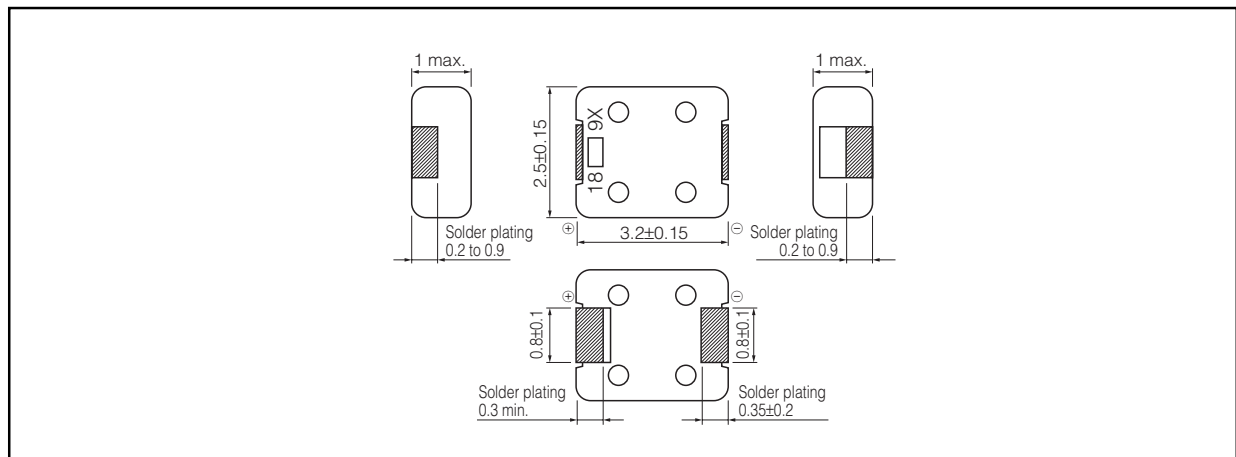
■ Recommended Applications

- Mobile phones, Smartphones RTC backup

■ Specifications

Category Temp. Range	-25 °C to +60 °C	
Maximum Operating Voltage	2.6 V.DC	
Capacitance	0.015 F (0.012F or more)	
Characteristics at Low Temperature	Capacitance change	0.0024F or more (at -25 °C)
	Internal resistance	≤10 times of initial measured value at +20 °C (at -25 °C)
Endurance	After 500 hours application of 2.6 V. DC at +60 °C, the capacitor shall meet the following limits.	
	Capacitance change	0.006F or more
	Internal resistance	2 kΩ or less
Shelf Life	After 500 hours storage at +60°C without load(Voltage), the capacitor shall meet the specified limits for Endurance.	
	Capacitance change	0.006F or more
	Internal resistance	1 kΩ or less

■ Dimensions in mm(not to scale)



■ Standard Products

Maximum Operating Voltage (V.DC)	Capacitance (F)	Internal resistance (Ω)at 1 kHz	Maximum discharging current (μA)	Part number	Mass (g)	Min. Packaging Qty (1 reel (pcs))
2.6	0.015	≤300	8	EECER 0E153	0.06	8000

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

Please use it as a reference guide.

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

2 : 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.

3: ER 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