

Surface Mount Type

Series: **ER**



■ Features

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

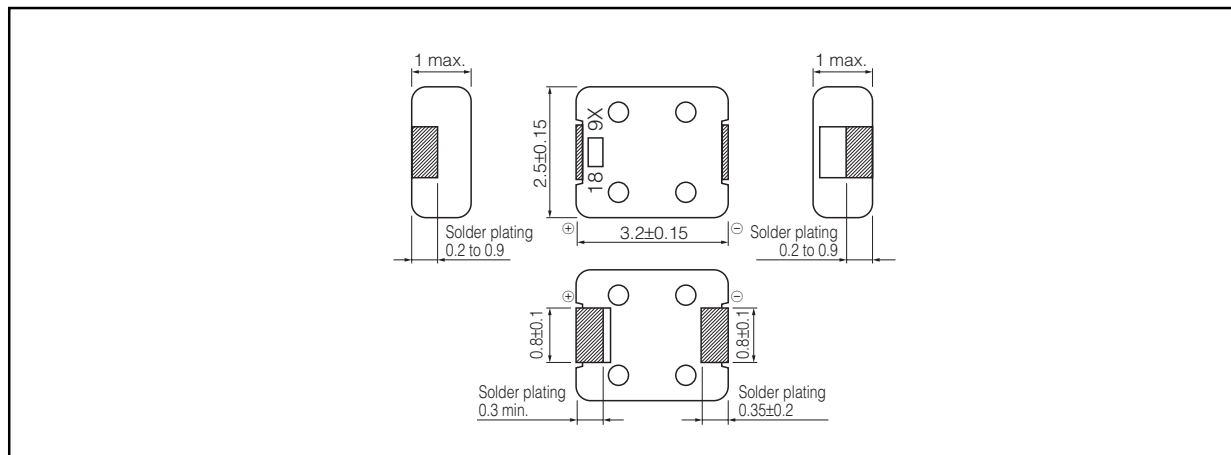
■ Recommended Applications

- 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

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2010