Surface Mount Type

Series: **ER**

■ Features

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

■ Recommended Applications

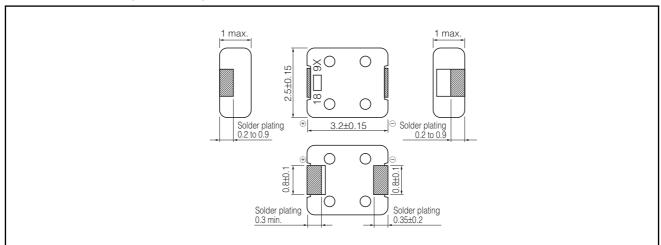
Mobile phones, Smartphones RTC backup



■ 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	$2 \text{ k}\Omega$ 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	Capacitance	Internal resistance	Maximum discharging current	Part number	Mass	Min. Packaging Q'ty
(V.DC)	(F)	(Ω)at 1 kHz	(μΑ)		(g)	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

