

# Electric Double Layer Capacitor (EDLC)

Conformity to RoHS Directive

Electric double layer capacitor (EDLC) employs a double layer of charged particles formed on activated carbon electrodes in an electrolyte. High capacitance is achieved due to large electrode surface area.

## FEATURES

- High capacitance & Low Impedance
- Quick charging & discharging
- Thin/Small size
- Long life
- Clean materials
- Safe

## APPLICATIONS

- High Power LED Flash
- Battery assist
- Pulsed energy storage

## PRODUCT NAME

EDLC252520-351-2F-21

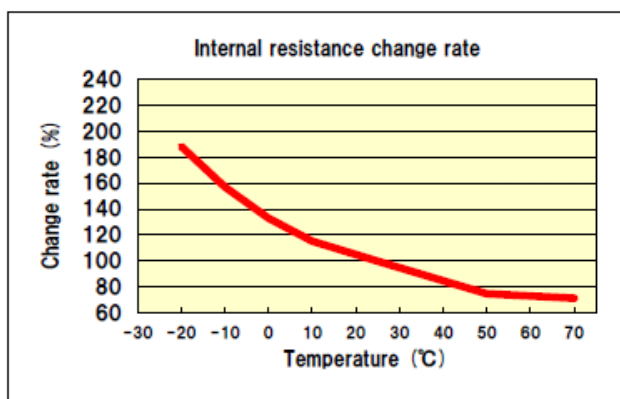
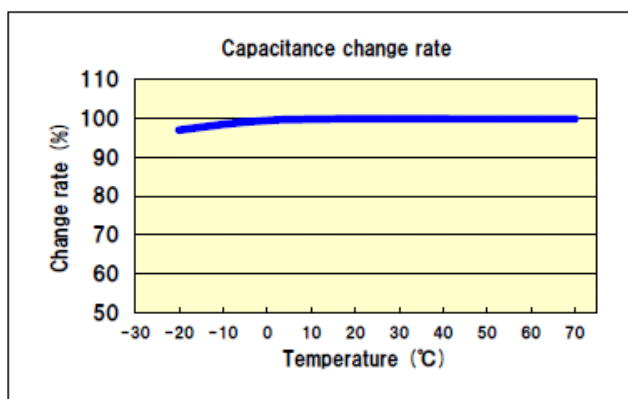
## SPECIFICATIONS

Nominal Capacitance	350 Typ	(mF)
Nominal Impedance (AC 1kHz)	70 Typ	(mΩ)
Nominal Thickness	2.5 Typ	(mm)
Dimension (W x L)	25 x 20 Typ	(mm)
Operating Voltage	(continuous bias)	3.2 (V)
	(intermittent bias)	5.5 (V)
Working Temperature	-20~+70	(°C)
Storage Temperature	-20~+70	(°C)

\* The characteristics shown are representative values, and not guaranteed.

\* For further information of reliability testing, measurement methods and others, please contact TDK.

## ELECTRICAL CHARACTERISTICS

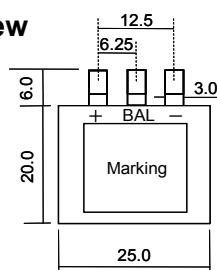


\*The curved graph shows the typical behavior of the product, and does not show the guarantee values.

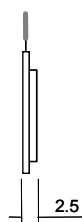
\*Capacitance/Impedance relative to value at 25°C.

## SHAPES AND DIMENSIONS

Front View



Side View



Sample Image



[unit: mm]

\* Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

⚠ All specifications are subject to change without notice.  
Please read the precautions before using this product.