



Electric Double Layer Capacitor

(EDLC/Super Capacitor)

EDLC351420 Series

EDLC351420-501-2F-50

500mF

Caution

**The products in this catalog is not recommended
to a new design**

Please refer to our Web site about replacement information.

Electric Double Layer Capacitor (EDLC/Super Capacitor)

Overview of EDLC351420 Series

FEATURES

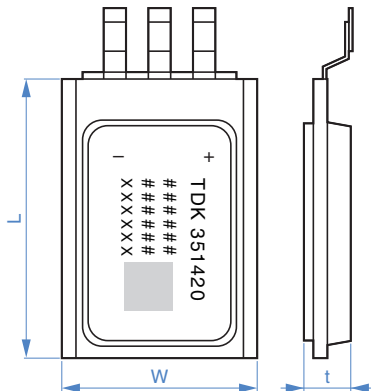
- High capacitance and low impedance.
- Thin small size.
- Long-life.
- Clean materials.
- Safety.

APPLICATION

- Battery assistance
- Storage element of energy harvesting
- Strong LED flash
- Backup application for instantaneous power failures

Part Number Construction

EDLC	35	14	20	-	501	-	2F	-	50
Series name	Thickness dimensionst	Width dimensions W	Vertical dimensions L (Not including the lead length)		Data capacity (mF)		Number of series and voltage		Impedance
					501 500				



RoHS Directive Compliant Product: See the following for more details related to RoHS Directive compliant products. <http://product.tdk.com/en/environment/rohs/>

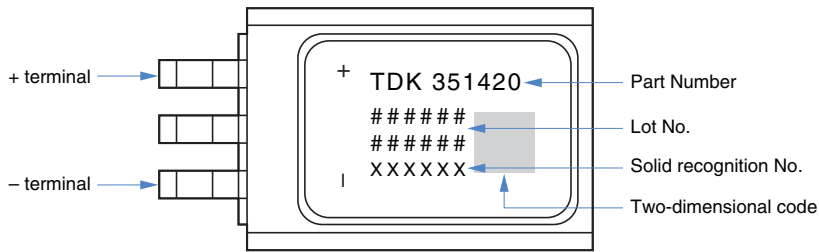
⚠ Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.

CAPACITORS

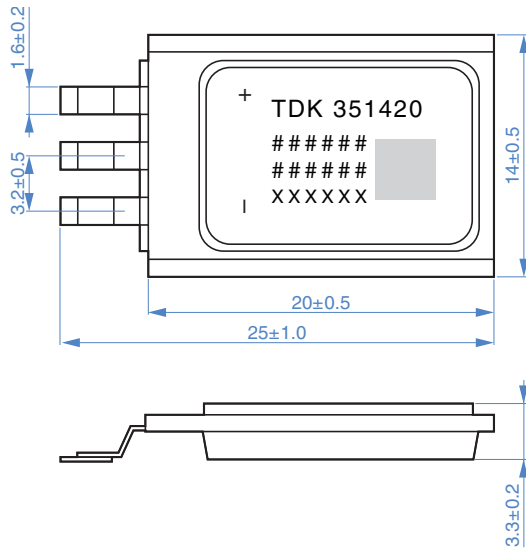


EDLC351420Series

PRODUCT INDICATION



SHAPE & DIMENSIONS



Dimensions in mm

CAPACITORS



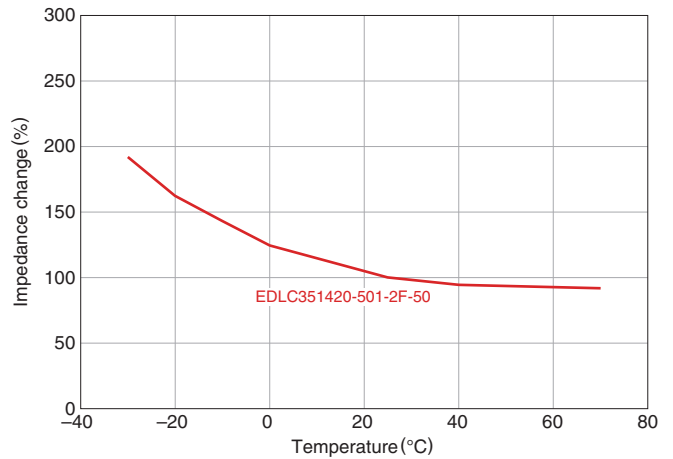
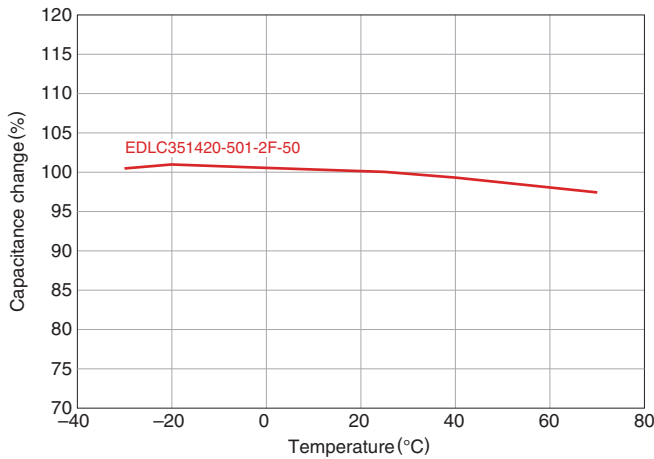
EDLC351420Series

■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLES

Part No.	Nominal capacitance	Nominal Impedance	Operating voltage	
	(mF)typ.	[AC 1kHz] (mΩ)typ.	continuous (V)	peak (V)
EDLC351420-501-2F-50	500	40	4.2	5.5

□ EXAMPLE OF THERMAL CHARACTERISTICS



- The graph of THERMAL CHARACTERISTICS mentioned above shows the typical behavior of the product, and does not show the guarantee values.
- It is a value for standard temperature 25°C.

■ TEMPERATURE RANGE

Part No.	Temperature range	
	Operating temperature (°C)	Storage temperature (°C)
EDLC351420-501-2F-50	-30 to +70°C	-40 to +85°C