



# Electric Double Layer Capacitor

(EDLC/Super Capacitor)

# EDLC371420 series

EDLC371420-501-2F-50

500mF



## **Electric Double Layer Capacitor**

**Product compatible with RoHS directive** 

(EDLC/Super Capacitor)

# Overview of EDLC371420 series

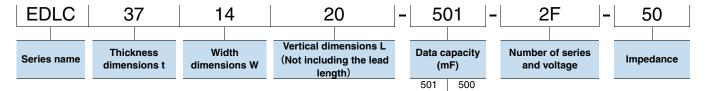
#### **FEATURES**

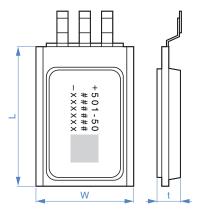
- O High capacitance and low impedance.
- O Thin small size.
- O Long-life.
- Oclean materials.
- O Safety.

#### APPLICATION

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

#### PART NUMBER CONSTRUCTION





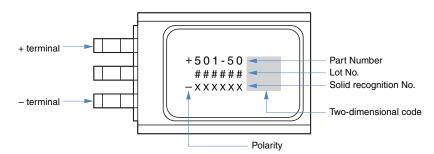
OROHS Directive Compliant Product: See the following for more details. https://product.tdk.com/info/en/environment/rohs/index.html

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.



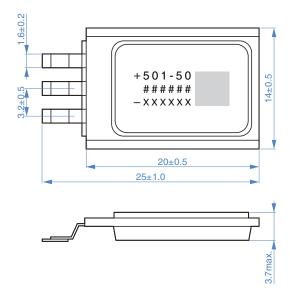
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#### **■ PRODUCT INDICATION**





#### **SHAPE & DIMENSIONS**



Dimensions in mm

A 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.



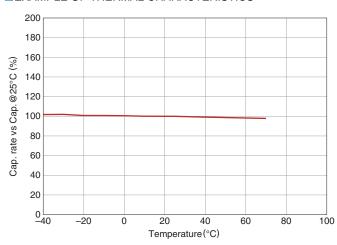
### EDLC371420 series

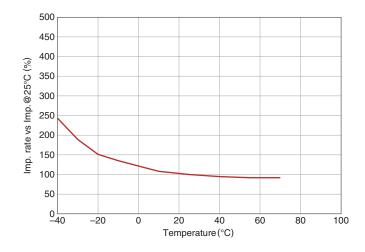
#### **■ ELECTRICAL CHARACTERISTICS**

#### **CHARACTERISTICS SPECIFICATION TABLES**

Part No.	Nominal capacitance	Nominal Impedance	Operating voltage	
		[AC 1kHz]	continuous	peak
	(mF)typ.	(mΩ)typ.	(V)	(V)
EDLC371420-501-2F-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	Storage temperature	
	(°C)	(°C)	
EDLC371420-501-2F-50	–40 to +70°C	-40 to +85°C	