

SolarInnovate Energy Solutions

Beiya double layer super farad capacitor



Overview

What are supercapacitors & EDLC?

Supercapacitors, also known as ultracapacitors and electric double layer capacitors (EDLC), are capacitors with capacitance values greater than any other capacitor type available today. Supercapacitors are breakthrough energy storage and delivery devices that offer millions of times more capacitance than traditional capacitors.

Where can I buy electric double layer capacitors (EDLC)?

Electric Double Layer Capacitors (EDLC), Supercapacitors are in stock at DigiKey. Order Now! Capacitors ship same day.

What is a double layer capacitor?

Lighting of lamp or LED during power failure or when power source is off, gradually darkening after a certain time. Heavy load, stepped load or boost discharge applications: Double layer capacitor provides instantaneously power to memory and electronic circuits, for low power source capacity and initiating initial torque.

What is self-discharge of double layer capacitors?

Self-discharge of double layer capacitors is characterized via the "Voltage Holding Characteristic" as shown on specification sheets, and specifies the minimum voltage after 24 hours at room temperature after the part has been charged for 24 hours at the rated voltage.

Can I wash a double layer capacitor?

Do not wash double layer capacitors, except NEXM series, without reviewing washing conditions with NIC technical support [tpmg@niccomp.com]. Special washing-resistant versions may be available. Drying after washing of NEXM series, should be performed within the maximum operating temperature range [$< +70^{\circ}\text{C}$]. Storage Conditions:.

Is parallel connection of multiple double layer capacitors possible?

Parallel connection of multiple double layer capacitors is possible; please assure the voltage applied to each capacitor does not exceed the maximum operating voltage (VDC).

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