

## KR Supercapacitor



# 5.5 V Supercapacitors for hold-up & memory backup applications



KR family

### **Introducing high capacitance 5.5 V coin cell products in industry standard packages.**

#### **Maintains supply integrity**

High capacitance, 0.1 F to 1.5 F, enables critical functions to continue or to be completed in a controlled manner during battery swap out or mains fail.

#### **Extensive offering**

The Eaton KR family is available in three industry standard mechanical packages, cylindrical style, horizontal mount and vertical mount, each with six capacitance values from 0.1 F to 1.5 F.

#### **Space saving**

High energy density allows the use of small 11.5 mm to 21.5 mm diameter low profile packages with 5 mm & 7.5 mm thickness.

#### **Low leakage current**

Ultra-low leakage current levels make the KR family ideal for battery powered equipment where loading needs to be minimized to prolong the operating time.

#### **Environmentally friendly**

The full line of KR family supercapacitors are RoHS compliant, lead free and present no disposal issues at end of life.

#### **Applications**

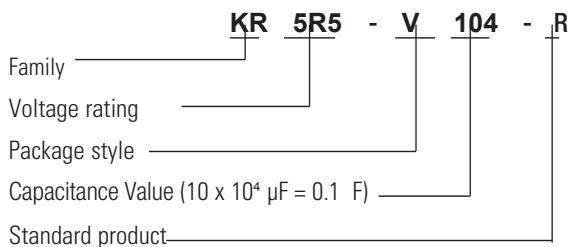
- Computer & peripherals
- DSL modems & routers
- Set top boxes
- White goods & kitchen appliances
- Copiers
- Electric utility meters
- HVAC controls

# EATON

Powering Business Worldwide

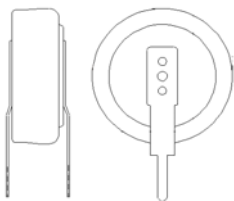
## Specifications

### Catalog Symbol



### Dimensions

#### V Type



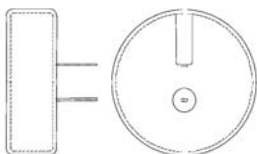
Capacitance (F)	Diameter (mm)	Height (mm)
0.1 - 0.47	11.5	5.0
0.1 - 1.5	19.0	5.0

#### H Type



Capacitance (F)	Diameter (mm)	Height (mm)
0.1 - 0.47	11.5	5.0
0.1 - 1.5	19.0	5.0

#### C Type



Capacitance (F)	Diameter (mm)	Height (mm)
0.1 - 0.47	13.5	7.5
0.1 - 1.5	21.5	7.5

Specifications	Values
Working Voltage	5.5 V
Surge Voltage	6.3 V
Nominal Capacitance Range	0.1 to 1.5 F
Maximum Equivalent Series Resistance @ 1kHz	75 to 30 Ω
Capacitance Tolerance	-20% to +80% @ +20 °C
Operating Temperature Range	-25 °C to +70 °C

### Technical Application Assistance

E-mail [capacitortech@eaton.com](mailto:capacitortech@eaton.com)

Data Sheets: [www.eaton.com/electronics](http://www.eaton.com/electronics)

Order samples on-line: <https://tools.eatonelectronics.com/request-form>

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