

# Eaton KVR-5R0H105-R

Catalog Number: KVR-5R0H105-R

Eaton Supercapacitor, KVR Coin Cell, 5.0V,1F,15 ohm,Horizontal

## General specifications



### Product Name

Eaton KVR coin cell supercapacitors

### Catalog Number

KVR-5R0H105-R

### UPC

051712040662

### Product Length/Depth

20 mm

### Product Height

5 mm

### Product Width

19.1 mm

### Product Weight

3.6 g

### Compliances

RoHS Compliant



Powering Business Worldwide

## Product specifications

### Packing

Bulk

### Contact configuration

Horizontal

### Terminals

Through hole

### Shape

Round

### DC equivalent series resistance (ESR)

30  $\Omega$

### Operating temperature range

-25 °C to +70 °C

### Series

KVR

### Max voltage

5.0 V

### Capacitance

1.0 F

### Leakage

10  $\mu\text{A}$

### Energy

12.5 J

### Power

0.104 W

### Peak current (1 sec)

0.081 A

### Capacitance end of life rating

70%

### ESR end of life rating

400%

### Grade

Commercial

## Resources

### Application notes

Methods for measuring capacitance, inflow current, internal resistance and ESR

Supercapacitor soldering guidelines



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2025 Eaton. All rights reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)