

# Eaton PHV-5R4V305-R

Catalog Number: PHV-5R4V305-R

Eaton PHV supercapacitor, 5.4 V, 3 F, 0.075 at 1 kHz, 0.08 at 100 Hz  $\Omega$ , Vertical Pack



## General specifications

Product Name	Catalog Number
Eaton PHV cylindrical cell supercapacitor pack	PHV-5R4V305-R
	UPC 051712353823
Product Length/Depth	Product Height
17.3 mm	32.5 mm
Product Width	Product Weight
9 mm	4.8 g
Compliances	Certifications
RoHS Compliant	UL Recognized

## Product specifications

### Packing

Bulk

### Contact configuration

Vertical

### Size

16.8 x 8.5 x 31.5 mm

### Terminals

Through hole

### Shape

Rectangular

### DC equivalent series resistance (ESR)

0.08  $\Omega$

### Operating temperature range

-40 °C to +65 °C

### Series

PHV

### Max voltage

5.4 V

### Capacitance

3 F

### Leakage

25  $\mu$ A

### Energy

43.7 J

### Power

91 W

### Peak current (1 sec)

6.5 A

### Capacitance end of life rating

70%

### ESR end of life rating

200%

### Grade

Industrial

## Resources

### Application notes

High power supercapacitors enable new power applications and replace batteries

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

### Brochures

Eaton's electronics components portfolio overview brochure

Supercapacitor selection guide

### Specifications and datasheets

Supercapacitor soldering guidelines

Eaton PHV supercapacitor data sheet

Eaton Specification Sheet - PHV-5R4V305-R



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 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)