

Specifications



Eaton PHV-5R4V505-R

Eaton PHV supercapacitor, 5.4 V, 5 F, 0.065 at 1 kHz, 0.07 at 100 Hz Ω , Vertical Pack

General specifications

PRODUCT NAME	Eaton PHV cylindrical cell supercapacitor pack
CATALOG NUMBER	PHV-5R4V505-R
UPC	051712353830
PRODUCT LENGTH/DEPTH	21.3 mm
PRODUCT HEIGHT	32.5 mm
PRODUCT WIDTH	11 mm
PRODUCT WEIGHT	6.8 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized

Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Vertical
SIZE	20.8 x 10.5 x 32 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	0.07 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	PHV
MAX VOLTAGE	5.4 V
CAPACITANCE	5 F
LEAKAGE	28 μ A
ENERGY	72.9 J
POWER	104 W
PEAK CURRENT (1 SEC)	10 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	200%
GRADE	Industrial

Resources

APPLICATION NOTES

[Methods for measuring capacitance, inflow current, internal resistance and ESR](#)

[Supercapacitor soldering guidelines](#)

[High power supercapacitors enable new power applications and replace batteries](#)

BROCHURES

[Eaton's electronics components portfolio overview brochure](#)

[Supercapacitor selection guide](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - PHV-5R4V505-R](#)

[Eaton PHV supercapacitor data sheet](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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