Specifications



Eaton PHV-5R4V305-R

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

General specifications	
PRODUCT NAME	Eaton PHV cylindrical cell supercapacitor pack
CATALOG NUMBER	PHV-5R4V305-R
UPC	051712353823
PRODUCT LENGTH/DEPTH	17.3 mm
PRODUCT HEIGHT	32.5 mm
PRODUCT WIDTH	9 mm
PRODUCT WEIGHT	4.8 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized
PRODUCT TYPE	Cylindrical cell supercapacitor pack

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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 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	PHV
MAX VOLTAGE	5.4 V
CAPACITANCE	3 F
LEAKAGE	25 µ 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 Supercapacitor soldering guidelines
BROCHURES	Supercapacitor selection guide Eaton's electronics components portfolio overview brochure
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PHV-5R4V305-R Eaton PHV supercapacitor data sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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