Specifications



Eaton PHB-5R0H155-R

Eaton PHB supercapacitor, 5.0 V, 1.5 F, 0.33 Ω, Horizontal Pack

General specifications	
PRODUCT NAME	Eaton PHB cylindrical cell supercapacitor pack
CATALOG NUMBER	PHB-5R0H155-R
UPC	051712353663
PRODUCT LENGTH/DEPTH	22 mm
PRODUCT HEIGHT	9 mm
PRODUCT WIDTH	17.3 mm
PRODUCT WEIGHT	3.3 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized
PRODUCT TYPE	Cylindrical cell supercapacitor pack

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Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Horizontal
SIZE	21.5 x 16.8 x 8.5 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	0.33 Ω
OPERATING TEMPERATURE RANGE	-25 °C to +70 °C
SERIES	PHB
MAX VOLTAGE	5 V
CAPACITANCE	1.5 F
LEAKAGE	0 µ A
ENERGY	18.8 J
POWER	19 W
PEAK CURRENT (1 SEC)	2.5 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	200%
GRADE	Commercial

Resources

APPLICATION NOTES	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 PHB supercapacitor data sheet Eaton Specification Sheet - PHB-5R0H155-R

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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