Specifications



Photo is representative

Eaton PB-5R0H474-R

Eaton PB supercapacitor, 5.0V, 0.47F, 1Ω, Horizontal Pack

General specifications	
PRODUCT NAME	Eaton PB cylindrical cell supercapacitor pack
CATALOG NUMBER	PB-5R0H474-R
UPC	051712824538
EAN	5027590220200
PRODUCT LENGTH/DEPTH	14.5 mm
PRODUCT HEIGHT	9 mm
PRODUCT WIDTH	17.3 mm
PRODUCT WEIGHT	2.4 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	14 x 16.8 x 8.5 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	1 Ω
OPERATING TEMPERATURE RANGE	-25 °C to +70 °C
SERIES	PB
MAX VOLTAGE	5 V
CAPACITANCE	0.47 F
LEAKAGE	7 µ A
ENERGY	5.9 J
POWER	6.3 W
PEAK CURRENT (1 SEC)	0.8 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	300%
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
PRODUCT NOTIFICATIONS	Shelf Life of supercapacitor products product notice Shipping change of M, PM, HV, PHV and XV supercapacitors (PCN15011m) Shipping box and external and internal label update Supercapacitor lot code and date code change (PCN20002) Shrink Sleeve Marking Change B and PB supercapacitors label color change Logo and branding changes (PCN16044) Supercapacitors definition of the -R part number suffix change Supercapacitor pack construction change
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PB-5R0H474-R

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PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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