Specifications



Eaton PB-5R0V104-R

Eaton PB supercapacitor, 5.0V, 0.1F, 4Ω, Vertical Pack

General specifications	
PRODUCT NAME	Eaton PB cylindrical cell supercapacitor pack
CATALOG NUMBER	PB-5R0V104-R
UPC	051712824545
EAN	5027590220194
PRODUCT LENGTH/DEPTH	11.3 mm
PRODUCT HEIGHT	13 mm
PRODUCT WIDTH	6 mm
PRODUCT WEIGHT	1.1 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized
PRODUCT TYPE	Cylindrical cell supercapacitor pack

Powering Business Worldwide

Downloaded from Arrow.com.

Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Vertical
SIZE	10.5 x 5.5 x 12.5 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	4 Ω
OPERATING TEMPERATURE RANGE	-25 °C to +70 °C
SERIES	PB
MAX VOLTAGE	5 V
CAPACITANCE	0.1 F
LEAKAGE	3 µ A
ENERGY	1.3 J
POWER	1.6 W
PEAK CURRENT (1 SEC)	0.2 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	300%
GRADE	Commercial

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
MANUALS AND USER GUIDES	Methods for measuring capacitance, inflow current, internal resistance and ESR
PRODUCT NOTIFICATIONS	(PCN20002) Shrink Sleeve Marking Change Supercapacitor pack construction change B and PB supercapacitors label color change Supercapacitor lot code and date code change Shipping change of M, PM, HV, PHV and XV supercapacitors Logo and branding changes (PCN16044) Supercapacitors definition of the -R part number suffix change (PCN15011m) Shipping box and external and internal label update Shelf Life of supercapacitor products product notice
SPECIFICATIONS AND DATASHEETS	Eaton PB supercapacitor data sheet Eaton Specification Sheet - PB-5R0V104-R

Downloaded from Arrow.com.

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

Downloaded from Arrow.com.