

Specifications

Eaton PB-5R0V104-R

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

	Supercapacitor soldering guidelines
APPLICATION NOTES	High power supercapacitors enable new power applications and replace batteries
BROCHURES	Eaton's electronics components portfolio overview brochure Supercapacitor selection guide
MANUALS AND USER GUIDES	Methods for measuring capacitance, inflow current, internal resistance and ESR
PRODUCT NOTIFICATIONS	(PCN15011m) Shipping box and external and internal label update B and PB supercapacitors label color change (PCN16044) Supercapacitors definition of the -R part number suffix change Logo and branding changes Supercapacitor lot code and date code change Supercapacitor pack construction change Shipping change of M, PM, HV, PHV and XV supercapacitors (PCN20002) Shrink Sleeve Marking Change Shelf Life of supercapacitor products product notice
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PB-5R0V104-R Eaton PB supercapacitor data sheet

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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