Specifications



Eaton PB-5R0H104-R

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

General specifications	
PRODUCT NAME	Eaton PB cylindrical cell supercapacitor pack
CATALOG NUMBER	PB-5R0H104-R
UPC	051712824514
EAN	5027590220187
PRODUCT LENGTH/DEPTH	13 mm
PRODUCT HEIGHT	6 mm
PRODUCT WIDTH	11.3 mm
PRODUCT WEIGHT	1.1 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized

Powering Business Worldwide

Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Horizontal
SIZE	12.5 x 10.8 x 5.5 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	Supercapacitor soldering guidelines High power supercapacitors enable new power applications and replace batteries
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	Supercapacitor pack construction change (PCN20002) Shrink Sleeve Marking Change Supercapacitor lot code and date code change B and PB supercapacitors label color change Logo and branding changes (PCN16044) Supercapacitors definition of the -R part number suffix change Shipping change of M, PM, HV, PHV and XV supercapacitors Shelf Life of supercapacitor products product notice (PCN15011m) Shipping box and external and internal label update
SPECIFICATIONS AND DATASHEETS	Eaton PB supercapacitor data sheet Eaton Specification Sheet - PB-5R0H104-R

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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