

Specifications



Photo is representative

Eaton PB-5R0H474-R

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

[High power supercapacitors enable new power applications and replace batteries](#)

[Supercapacitor soldering guidelines](#)

[Methods for measuring capacitance, inflow current, internal resistance and ESR](#)

BROCHURES

[Supercapacitor selection guide](#)

[Eaton's electronics components portfolio overview brochure](#)

[Shelf Life of supercapacitor products product notice](#)

[\(PCN20002\) Shrink Sleeve Marking Change](#)

[Supercapacitor lot code and date code change](#)

[Supercapacitor pack construction change](#)

PRODUCT NOTIFICATIONS

[\(PCN16044\) Supercapacitors definition of the -R part number suffix change](#)

[B and PB supercapacitors label color change](#)

[\(PCN15011m\) Shipping box and external and internal label update](#)

[Shipping change of M, PM, HV, PHV and XV supercapacitors](#)

[Logo and branding changes](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - PB-5R0H474-R](#)

[Eaton PB supercapacitor data sheet](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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