Specifications



Eaton PM-5R0H305-R

Eaton PM supercapacitor, 5.0 V, 3 F, 0.05 at 1 kHz, 0.07 at 100 Hz Ω, Horizontal Pack

General specifications

PRODUCT NAME	Eaton PM cylindrical cell supercapacitor pack
CATALOG NUMBER	PM-5R0H305-R
UPC	051712537179
PRODUCT LENGTH/DEPTH	32.5 mm
PRODUCT HEIGHT	11 mm
PRODUCT WIDTH	21.3 mm
PRODUCT WEIGHT	7.8 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized

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Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Horizontal
SIZE	32 x 20.8 x 10.5 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	0.07 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +60 °C
SERIES	PM
MAX VOLTAGE	5 V
CAPACITANCE	3 F
LEAKAGE	20 µ A
ENERGY	37.5 J
POWER	89 W
PEAK CURRENT (1 SEC)	6.2 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	200%
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
MANUALS AND USER GUIDES	Methods for measuring capacitance, inflow current, internal resistance and ESR
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - PM-5R0H305-R Eaton PM supercapacitor data sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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