Specifications



Eaton PM-5R0H105-R

Eaton PM supercapacitor, 5.0 V, 1 F, 0.15 at 1 kHz, 0.2 at 100 Hz Ω, Horizontal Pack

General specifications

PRODUCT NAME	Eaton PM cylindrical cell supercapacitor pack
CATALOG NUMBER	PM-5R0H105-R
UPC	051712208031
PRODUCT LENGTH/DEPTH	22 mm
PRODUCT HEIGHT	9 mm
PRODUCT WIDTH	17.3 mm
PRODUCT WEIGHT	3.5 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized

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Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Horizontal
SIZE	21.5 x 16.8 x 8.5 mm
TERMINALS	Through hole
SHAPE	Rectangular
DC EQUIVALENT SERIES RESISTANCE (ESR)	0.2 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +60 °C
SERIES	PM
MAX VOLTAGE	5 V
CAPACITANCE	1 F
LEAKAGE	10 µ A
ENERGY	12.5 J
POWER	31 W
PEAK CURRENT (1 SEC)	2.1 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	Supercapacitor selection guide Eaton's electronics components portfolio overview brochure
MANUALS AND USER GUIDES	Methods for measuring capacitance, inflow current, internal resistance and ESR
SPECIFICATIONS AND DATASHEETS	Eaton PM supercapacitor data sheet Eaton Specification Sheet - PM-5R0H105-R

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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