Specifications







Eaton KR-5R5H105-R

Eaton KR supercapacitor, 5.5 V, Horizontal, Capactiance 1.0

General specifications	
PRODUCT NAME	Eaton KR coin cell supercapacitors
CATALOG NUMBER	KR-5R5H105-R
UPC	051712536479
PRODUCT HEIGHT	6.7 mm
PRODUCT DIAMETER	19 mm
PRODUCT WEIGHT	4.2 g
COMPLIANCES	RoHS Compliant

Powering Business Worldwide

Product specifications

PACKING	Tray
CONTACT CONFIGURATION	Horizontal
TERMINALS	Through hole
SHAPE	Round
DC EQUIVALENT SERIES RESISTANCE (ESR)	30 Ω
OPERATING TEMPERATURE RANGE	-25 °C to +70 °C
SERIES	KR
MAX VOLTAGE	5.5 V
CAPACITANCE	1.0 F
ENERGY	15.1 J
POWER	0.1 W
PEAK CURRENT (1 SEC)	0.1 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	400%
GRADE	Commercial

Resources

APPLICATION NOTES	Supercapacitor soldering guidelines
BROCHURES	Coin cell supercapacitor product aid Supercapacitor coin cell cross reference guide
MANUALS AND USER GUIDES	Methods for measuring capacitance, inflow current, internal resistance and ESR
SPECIFICATIONS AND DATASHEETS	Eaton KR supercapacitor data sheet Eaton Specification Sheet - KR-5R5H105-R

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.