

Specifications



Eaton KR-5R5H105-R

Eaton KR supercapacitor, 5.5 V, Horizontal, Capacitance 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

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.

