Specifications



Photo is representative





Eaton KW-5R5C105H-R

Eaton KW supercapacitor, 5.5 V, Cylindrical, Capacitance 1.0F, Short lead

General specifications

PRODUCT NAME	Eaton KW coin cell supercapacitors
CATALOG NUMBER	KW-5R5C105H-R
UPC	051712531412
PRODUCT HEIGHT	8.85 mm
PRODUCT DIAMETER	21.5 mm
PRODUCT WEIGHT	10.4 g
COMPLIANCES	RoHS Compliant

Powering Business Worldwide

Product specifications

SPECIAL FEATURES	Short lead
PACKING	Tray
CONTACT CONFIGURATION	Cylindrical
TERMINALS	Through hole
SHAPE	Round
DC EQUIVALENT SERIES RESISTANCE (ESR)	30 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +85 °C
SERIES	KW
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	200%
GRADE	Industrial

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 KW supercapacitor data sheet Eaton Specification Sheet - KW-5R5C105H-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.