

Eaton HS0814-3R8106-R

Catalog Number: HS0814-3R8106-R

Eaton HS Hybrid Supercapacitor, 3.8V, 10F, 1.5 ohm



General specifications

Product Name	Catalog Number
Eaton HS hybrid cell supercapacitor	HS0814-3R8106-R
UPC	Product Height
051712018401	14 mm
Product Weight	Compliances
1.7 g	RoHS Compliant
Certifications	
UL Recognized	

defaultTaxonomyAttributeLabel

Type

Hybrid Supercapacitor

Packing

Bulk

Size

8 x 14 mm

Terminals

Through hole

Shape

Cylindrical

Wattage

2.4 W

DC equivalent series resistance (ESR)

1.5 Ω

Operating temperature range

-15 °C to +70 °C

Series

HS

Max voltage

3.8 V

Capacitance

10 F

Leakage

2 μ A

Temperature range

-15 to 70 °C

Energy

48 J

Power

2.4 W

Peak current (1 sec)

1 A

Continuous current (15 °C rise)

0.075 A

Capacitance end of life rating

Resources

Brochures

[Hybrid supercapacitors product aid](#)

[Eaton supercapacitors provide power delivery for smart metering](#)

FAQs

[Hybrid supercapacitors FAQs](#)

Specifications and datasheets

[Methods for measuring capacitance, inflow current, internal resistance and ESR](#)

White papers

[The construction and applications of supercapacitors](#)

[Hybrid supercapacitors combine proprietary materials to achieve greater energy density](#)

[The major differences between supercapacitors and batteries](#)

70%

ESR end of life rating

200%



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