

Eaton TV1860-3R0107-R

Catalog Number: TV1860-3R0107-R

Eaton TV supercapacitor, 3.0 V, 100 F, 0.011 Ω , CYLINDRICAL

General specifications



Product Name	Catalog Number
Eaton TV cylindrical cell supercapacitor	TV1860-3R0107-R
UPC	Product Height
051712682985	60.5 mm
Product Diameter	Product Weight
18.5 mm	20 g
Compliances	Certifications
RoHS Compliant	UL Recognized

Packing

Bulk

Contact configuration

Vertical

Size

18 x 60 mm

Terminals

Through hole

Shape

Cylindrical

DC equivalent series resistance (ESR)

0.011 Ω

Operating temperature range

-40 °C to +65 °C

Series

TV

Max voltage

3 V

Capacitance

100 F

Leakage

225 μ A

Thermal resistance

10 °C/W

Energy

450 J

Power

102 W

Peak current (1 sec)

71.4 A

Continuous current (15 °C rise)

11.7 A

Capacitance end of life rating

70%

ESR end of life rating

Application notes

High power supercapacitors enable new power applications and replace batteries

Brochures

Eaton's electronics components portfolio overview brochure

Supercapacitor selection guide

Specifications and datasheets

Supercapacitor soldering guidelines

Eaton Specification Sheet - TV1860-3R0107-R

Methods for measuring capacitance, inflow current, internal resistance and ESR

Technical data sheets

Eaton TV supercapacitor data sheet

200%

Grade

Industrial



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