

Specifications

Eaton TV1030-3R0106-R

Eaton TV supercapacitor, 3.0 V, 10 F, 0.026 Ω , CYLINDRICAL

General specifications

PRODUCT NAME	Eaton TV cylindrical cell supercapacitor
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CATALOG NUMBER	TV1030-3R0106-R
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UPC	051712545501
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PRODUCT HEIGHT	31.5 mm
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PRODUCT DIAMETER	10.5 mm
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PRODUCT WEIGHT	3.2 g
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COMPLIANCES	RoHS Compliant
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CERTIFICATIONS	UL Recognized
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Product specifications

PACKING	Bulk
CONTACT CONFIGURATION	Vertical
SIZE	10 x 30 mm
TERMINALS	Through hole
SHAPE	Cylindrical
DC EQUIVALENT SERIES RESISTANCE (ESR)	0.026 Ω
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	TV
MAX VOLTAGE	3 V
CAPACITANCE	10 F
LEAKAGE	25 μ A
THERMAL RESISTANCE	40 °C/W
ENERGY	45 J
POWER	43.25 W
PEAK CURRENT (1 SEC)	11.9 A
CONTINUOUS CURRENT (15 °C RISE)	3.8 A
CAPACITANCE END OF LIFE RATING	70%
ESR END OF LIFE RATING	200%
GRADE	Industrial

Resources

APPLICATION NOTES

[Supercapacitor soldering guidelines](#)

[High power supercapacitors enable new power applications and replace batteries](#)

BROCHURES

[Supercapacitor selection guide](#)

[Eaton's electronics components portfolio overview brochure](#)

[Next-generation wireless standards are transforming global connectivity](#)

[Eaton makes smart grids work infographic](#)

CROSS REFERENCES

[Eaton - Maxwell supercapacitor cross reference guide](#)

MANUALS AND USER GUIDES

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

[Shelf Life of supercapacitor products product notice](#)

[Logo and branding changes](#)

PRODUCT NOTIFICATIONS

[\(PCN15011m\) Shipping box and external and internal label update](#)

[\(PCN16044\) Supercapacitors definition of the -R part number suffix change](#)

SPECIFICATIONS AND DATASHEETS

[Eaton TV supercapacitor data sheet](#)

[Eaton Specification Sheet - TV1030-3R0106-R](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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