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
CATALOG NUMBER	TV1030-3R0106-R
UPC	051712545501
PRODUCT HEIGHT	31.5 mm
PRODUCT DIAMETER	10.5 mm
PRODUCT WEIGHT	3.2 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized
PRODUCT TYPE	Cylindrical cell supercapacitor

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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	Next-generation wireless standards are transforming global connectivity Eaton's electronics components portfolio overview brochure Supercapacitor selection guide Eaton makes smart grids work infographic
CROSS REFERENCES	Eaton - Maxwell supercapacitor cross reference guide
PRODUCT NOTIFICATIONS	Logo and branding changes (PCN16044) Supercapacitors definition of the -R part number suffix change (PCN15011m) Shipping box and external and internal label update Shelf Life of supercapacitor products product notice
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - TV1030-3R0106-R Eaton TV supercapacitor data sheet

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PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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