

Specifications



Eaton XV3585-2R7607-R

Eaton XV Supercapacitor, Capacitance 600 F, 2.7 V, 2.6 mW, Snap In

General specifications

PRODUCT NAME	Eaton XV medium and large cells supercapacitor
CATALOG NUMBER	XV3585-2R7607-R
UPC	051712499316
PRODUCT HEIGHT	87.5 mm
PRODUCT WEIGHT	108 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized UL 810

Product specifications	
TYPE	Single cell snap-in
CAPACITANCE	600 F
PACKING	Bulk
SIZE	35 x 85 mm
TERMINALS	Snap in
SHAPE	Cylindrical
DC EQUIVALENT SERIES RESISTANCE (ESR)	2.6 mΩ
OPERATING TEMPERATURE RANGE	-40 °C to +65 °C
SERIES	XV
MAX VOLTAGE	2.7 V
CAPACITANCE	600 F
LEAKAGE	1300 μA
THERMAL RESISTANCE	5 °C/W
ENERGY	2187 J
POWER	790 W
PEAK CURRENT (1 SEC)	320 A
CONTINUOUS CURRENT (15 °C RISE)	33 A
CAPACITANCE END OF LIFE RATING	80%
ESR END OF LIFE RATING	200%
GRADE	Industrial

Resources	
BROCHURES	Eaton supercapacitors provide superior active suspension for automotive engineers
	Eaton supercapacitors enable powerful automotive boardnet stabilization
	XB and XV Supercapacitor product aid
	Eaton supercapacitors provide reliable start-up for engine design
	Eaton's electronics components portfolio overview brochure

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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