Specifications







Eaton XB3560-2R5407-R

Eaton XB Supercapacitor, Capacitance 400 F, 2.5 V, 4.5 mW, Snap In

General specifications	
PRODUCT NAME	Eaton XB medium and large cells supercapacitor
CATALOG NUMBER	XB3560-2R5407-R
UPC	051712373050
PRODUCT HEIGHT	63 mm
PRODUCT DIAMETER	35 mm
PRODUCT WEIGHT	80 g
COMPLIANCES	RoHS Compliant
CERTIFICATIONS	UL Recognized UL 810

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Product specifications

TYPE	Single cell snap-in
CAPACITANCE	400 F
PACKING	Bulk
SIZE	35 x 60 mm
TERMINALS	Snap In
SHAPE	Cylindrical
DC EQUIVALENT SERIES RESISTANCE (ESR)	4.5 mΩ
OPERATING TEMPERATURE RANGE	-25 °C to +70 °C
SERIES	XB
MAX VOLTAGE	2.5 V
CAPACITANCE	400 F
LEAKAGE	450 µA
THERMAL RESISTANCE	7 °C/W
ENERGY	1250 J
POWER	350 W
PEAK CURRENT (1 SEC)	178.6 A
CONTINUOUS CURRENT (15 °C RISE)	19 A
CAPACITANCE END OF LIFE RATING	80%
ESR END OF LIFE RATING	200%
GRADE	Commercial

Resources

BROCHURES	Eaton supercapacitors provide superior active suspension for automotive engineers XB and XV Supercapacitor product aid Eaton's electronics components portfolio overview brochure
MANUALS AND USER GUIDES	Design considerations in selecting supercapacitors
PRODUCT NOTIFICATIONS	Supercapacitor lot code and date code change (PCN21002) XB, XV,XT Cover change XB and XV appearance change (PCN16044) Supercapacitors definition of the -R part number suffix change Logo and branding changes Shelf Life of supercapacitor products product notice (PCN15011m) Shipping box and external and internal label update
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - XB3560-2R5407-R Eaton XB supercapacitor data sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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