

Part Number Search: Power Rectifiers

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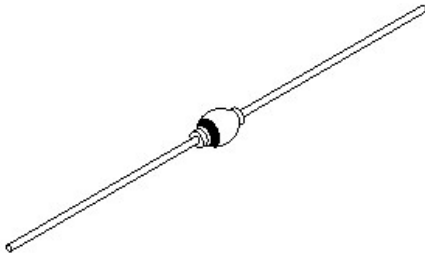
Product Specifications

Product Group: **Power Rectifiers, Fast Rectifier(100-500ns)**

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Overview

Docs & Specs



SX5419



Power Rectifier

Part Number: SX5419

Package Style: 303

Configuration: SINGLE

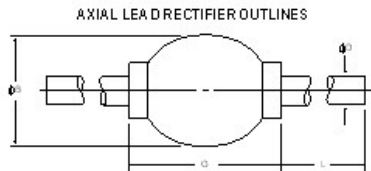
All Ratings Are @ T_c = 25 °C Unless Otherwise Specified.

Disclaimer

Maximum Ratings Conditions	Symbol	Max	Units
Peak Inverse Voltage	PIV	500	Volts
Maximum DC Output Current @ T _c =55 °C)	I _o	3	Amps
Maximum DC Output Current @ T _c =100 °C)	I _o	2	Amps
Maximum Non-Repetitive Forward Surge Current (t= 8.3ms, Sine)	1FSM	80	Amps
Maximum Thermal Resistance	R _{θJC}	22	°C/W
Operating Temperature	T _J (MAX)	-65 to +175	°C

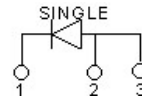
Electrical Characteristics Conditions	Symbol	Max	Units
Maximum Forward Voltage Drop, Pulsed (I _f = 9 Amps) T _A = 25 °C	V _f		Volts
Maximum Reverse Current T _A = 25 °C T _A = 150 °C	I _r	1 20	uA uA
Reverse Recovery Time	t _{rr}	250	ns

Mechanical Dimensions: In Inches / mm



Note: Cathode side of device is indicated by a dark band marked on body.

PACKAGE STYLE	DIMENSIONS - INCHES / MILLIMETERS			
	ΦB	ΦD	G	L
303	.110/.180 2.79/4.57	.037/.042 .94/.07	.130/.260 3.30/6.60	.90/1.30 22.9/33.0



*** This drawing is for reference only.**

Type	Pin 1	Pin 2	Pin 3
Single Rectifier	Cathode	Anode	Anode

Data and specifications subject to change without notice.

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