



## SS220B Schottky Barrier Rectifiers 140V Maximum RMS Voltage 50A Peak Forward Surge Current

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS220B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum RMS Voltage: 140V
- Package: DO-214AA(SMB)
- Maximum DC Blocking Voltage: 200V
- Peak Forward Surge Current: 50A
- Maximum Average Forward Current: 2A
- Maximum Repetitive Peak Reverse Voltage: 200V
- Operating Junction Temperature Range: -55 To +175
- Maximum Forward Voltage: 0.9V

## Product Description

### Product Description:

Our Schottky Barrier Diode has a maximum forward voltage of 0.9V, meaning that it allows current to flow through the diode with minimal voltage drop. This ensures that the diode functions efficiently and provides reliable performance. The operating junction temperature range of this diode is -55 to +175 , making it suitable for use in a wide range of environments and applications.

This diode has a maximum average forward current of 2A, meaning that it can handle up to 2 amps of current flowing through it on a continuous basis. This makes it ideal for use in high-power applications where a high current rating is required. Additionally, the maximum DC blocking voltage of 200V and maximum RMS voltage of 140V ensure that the diode can withstand high voltage levels without suffering damage or failure.

Overall, our Schottky Barrier Diode is a high-quality electronic component diode that offers reliable performance and durability. It is an ideal choice for use in a variety of applications, including bridge rectifier diode circuits, power supplies, and battery charging systems. With its low forward voltage drop, high current rating, and robust construction, this diode is sure to meet your needs and exceed your expectations.

### Features:

Product Name: Schottky Barrier Diode

Peak Forward Surge Current: 50A

Maximum Repetitive Peak Reverse Voltage: 200V

Maximum DC Blocking Voltage: 200V

Operating Junction Temperature Range: -55 To +175

Maximum RMS Voltage: 140V

Product Type: Low Voltage Rectifier Diode

Product Category: Diode Electronic Component

Product Family: Diode Triode Transistor

### Technical Parameters:

Product Name	Low Voltage Rectifier Diode
Type	Surface Mount Schottky Barrier Rectifiers
Maximum DC Blocking Voltage	200V
Maximum Repetitive Peak Reverse Voltage	200V
Maximum Average Forward Current	2A
Operating Junction Temperature Range	-55 To +175
Peak Forward Surge Current	50A
Maximum RMS Voltage	140V
Package	DO-214AA(SMB)
Maximum Forward Voltage	0.9V
Additional Attributes	Electrostatic Diode

### Applications:

Designed for use in a range of scenarios, this surface-mounted diode offers exceptional performance in a compact package. With a maximum repetitive peak reverse voltage of 200V, it can be used in a wide variety of applications. Its high forward surge current rating makes it ideal for use in circuits requiring a high degree of reliability and stability.

Whether you need to rectify AC voltage, protect sensitive electronic components, or build a diode triode transistor circuit, the SOCAY SS220B Schottky Barrier Diode is the perfect choice. With an operating junction temperature range of -55 to +175 , it can withstand even the harshest environments.

So why wait? Order your SOCAY SS220B Schottky Barrier Diodes today and experience the difference that high-quality components can make in your designs.

### FAQ:

**Q: What is the brand name of this Schottky Barrier Diode?**

A: The brand name is SOCAY.

**Q: What is the model number of this Schottky Barrier Diode?**

A: The model number is SS220B.

**Q: Where is this Schottky Barrier Diode manufactured?**

A: It is manufactured in Shenzhen, China.

**Q: What certifications does this Schottky Barrier Diode have?**

A: It is certified with REACH, RoHS, and ISO.

**Q: What is the minimum order quantity for this Schottky Barrier Diode?**

A: The minimum order quantity is 3000PCS/REEL.

**Q: What is the packaging details of this Schottky Barrier Diode?**

A: The packaging details are DO-214AA(SMB).



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