



## 50A Peak Forward Surge Current Surface Mounted Schottky Diode SS220A With Low Forward Voltage Drop

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS220A
- Minimum Order Quantity: 5000 PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Storage Temperature Range: -65 To +125
- Maximum RMS Voltage: 140V
- Peak Forward Surge Current: 50A
- Maximum Repetitive Peak Reverse Voltage: 200V
- Operating Junction Temperature Range: -65 To +125
- Average Rectified Current At TA=75 : 2A
- Package: DO-214AC(SMA)
- Maximum DC Blocking Voltage: 200V

## Product Description

### Product Description:

In addition to its high voltage ratings, the Schottky Barrier Diode is also capable of handling peak forward surge currents of up to 50A. This makes it an excellent choice for use in high-power applications where reliable performance is critical.

The Schottky Barrier Diode is also designed to operate over a wide range of temperatures. With a storage temperature range of -65 to +125 , this diode is well-suited for use in both hot and cold environments.

When operating at a temperature of 75 , the Schottky Barrier Diode is capable of delivering an average rectified current of 2A. This makes it an excellent choice for a wide range of applications where reliable performance is critical.

Overall, the Schottky Barrier Diode is an excellent choice for anyone looking for a high-quality bridge rectifier diode that is capable of delivering reliable performance over a wide range of temperatures and operating conditions. Whether you are working on a high-power electronic project or simply need a reliable diode for your next DIY project, the Schottky Barrier Diode is an excellent choice that is sure to meet your needs.

### Features:

Product Name: Schottky Barrier Diode

Operating Junction Temperature Range: -65 To +125

Maximum Repetitive Peak Reverse Voltage: 200V

Storage Temperature Range: -65 To +125

Peak forward Surge Current: 50A

Package: DO-214AC(SMA)

Type: Surface Mount Schottky Barrier Rectifiers

Category: Diode Electronic Component

### Technical Parameters:

Attribute	Value
Product	Low Voltage Rectifier Diode
Maximum DC Blocking Voltage	200V
Package	DO-214AC(SMA)
Average Rectified Current at TA=75	2A
Storage Temperature Range	-65 To +125
Maximum RMS Voltage	140V
Maximum Repetitive Peak Reverse Voltage	200V
Operating Junction Temperature Range	-65 To +125
Peak forward Surge Current	50A
Product Category	Diodes

### Applications:

With a high forward surge current semiconductor, the SS220A is perfect for applications that require a high peak forward surge current of up to 50A. It can also handle an average rectified current of 2A at TA=75 , making it a great choice for devices that require a stable and consistent current flow.

The SS220A also boasts a maximum DC blocking voltage and a maximum repetitive peak reverse voltage of 200V, ensuring that it can handle a wide range of applications.

The diode comes in DO-214AC(SMA) packaging, making it easy to integrate into your devices. And with a minimum order quantity of 5000PCS/REEL, you can be sure that you'll have enough diodes for your project.

Whether you're working on a DIY project or need a reliable diode for your commercial device, the SS220A Schottky Barrier Diode from SOCAT is an excellent choice. And with an operating junction temperature range of -65 to +125 , you can be confident that it will work even in extreme conditions.

### Customization:

When you order the SOCAT SS220A, you'll receive a minimum of 5000 pieces per reel, packaged in DO-214AC (SMA) packaging. This diode is designed to operate within a temperature range of -65 to +125 and can be stored within the same temperature range. It has a maximum RMS voltage of 140V, a maximum DC blocking voltage of 200V, and a maximum repetitive peak reverse voltage of 200V. Trust SOCAT for all your electronic component diode needs. Order your SS220A Schottky Barrier Diodes today!

### FAQ:

Here are some frequently asked questions and their answers about the SOCAT SS220A Schottky Barrier Diode:

**Q: What is the maximum forward voltage of the SS220A?**

**A:** The maximum forward voltage of the SS220A is 0.95V.

**Q: What is the peak repetitive reverse voltage of the SS220A?**

A: The peak repetitive reverse voltage of the SS220A is 200V.

**Q: Where is the SS220A manufactured?**

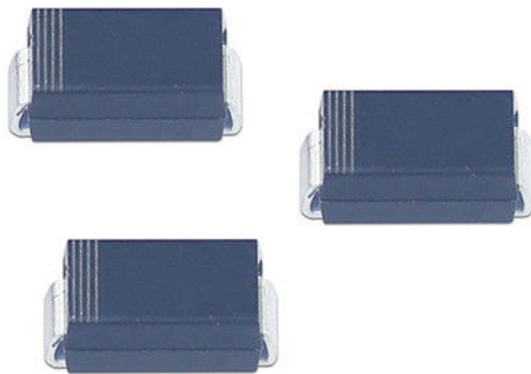
A: The SS220A is manufactured in Shenzhen, China.

**Q: What certifications does the SS220A have?**

A: The SS220A is certified to be compliant with REACH, RoHS, and ISO standards.

**Q: What is the minimum order quantity for the SS220A?**

A: The minimum order quantity for the SS220A is 5000PCS/REEL and it comes in DO-214AC(SMA) packaging.



 **Shenzhen Socay Electronics Co., Ltd.**



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,  
GuangDong Province, China