



## 30V Maximum Blocking Voltage Schottky Diode SS23B With 50A Peak Surge Current in SMB Package

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS23B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum DC Blocking Voltage: 30V
- Package: DO-214AA(SMB)
- Maximum RMS Voltage: 21V
- Maximum Forward Voltage: 0.5V
- Maximum Average Forward Current: 2A
- Operating Junction Temperature Range: -55 To +150
- Maximum Repetitive Peak Reverse Voltage: 30V
- Peak Forward Surge Current: 50A

## Product Description

### Product Description:

With a maximum average forward current of 2A, these Schottky Barrier Rectifiers are capable of delivering reliable performance even in demanding applications. The maximum forward voltage of just 0.5V ensures that power loss is kept to a minimum, helping to extend the life of your components.

These Schottky Barrier Rectifiers are designed to operate in a wide range of temperatures, with an operating junction temperature range of -55 To +150 . This makes them ideal for use in a variety of different environments and applications, ensuring reliable performance even under challenging conditions.

With a maximum DC blocking voltage of 30V and a maximum RMS voltage of 21V, these Schottky Barrier Rectifiers are able to handle a range of different voltages, making them a versatile choice for a wide range of applications.

So if you're looking for high-quality Schottky Barrier Rectifiers for your next electronic project, look no further than our Surface Mount Schottky Barrier Rectifiers. With their high efficiency, low power loss, and reliable performance, these Schottky Barrier Rectifiers are the perfect choice for a wide range of different applications.

### Features:

Product Name: Schottky Barrier Diode

Package: DO-214AA(SMB)

Operating Junction Temperature Range: -55 To +150

Maximum RMS Voltage: 21V

Maximum DC Blocking Voltage: 30V

Maximum Average Forward Current: 2A

Keywords: Schottky Barrier Rectifiers, Diodes, Surface Mount Schottky Barrier Rectifiers

### Technical Parameters:

| Product Attribute                       | Value         |
|-----------------------------------------|---------------|
| Package                                 | DO-214AA(SMB) |
| Maximum Forward Voltage                 | 0.5V          |
| Maximum RMS Voltage                     | 21V           |
| Operating Junction Temperature Range    | -55 To +150   |
| Maximum DC Blocking Voltage             | 30V           |
| Maximum Average Forward Current         | 2A            |
| Maximum Repetitive Peak Reverse Voltage | 30V           |
| Peak Forward Surge Current              | 50A           |

This is a table of technical parameters for a Surface Mount Schottky Barrier Rectifiers diode electronic component.

### Applications:

SOCAY SS23B Schottky Barrier Diode is a high-quality, low voltage rectifier diode that is designed to protect electronic devices from electrostatic discharge (ESD). This product is made in Shenzhen, China and is certified by REACH, RoHS, and ISO. The SS23B Schottky Barrier Diode has a maximum DC blocking voltage of 30V, a peak forward surge current of 50A and a maximum repetitive peak reverse voltage of 30V. The maximum forward voltage of this product is 0.5V and the maximum average forward current is 2A.

The SOCAY SS23B Schottky Barrier Diode is an electrostatic product that is suitable for a wide range of applications. It is commonly used in electronic devices such as smartphones, tablets, laptops, and other portable devices. The product can also be used in other applications such as power supplies, battery charging, and LED lighting. The SS23B Schottky Barrier Diode is ideal for use in circuits that require low voltage rectification.

The SS23B Schottky Barrier Diode is available in a DO-214AA(SMB) package, making it easy to install and use. The minimum order quantity for this product is 3000PCS/REEL. The product is lightweight and compact, making it easy to integrate into a variety of electronic devices.

Overall, the SOCAY SS23B Schottky Barrier Diode is a high-quality, electrostatic diode that is suitable for a wide range of applications. With its low voltage rectification capabilities, it is an ideal choice for circuits that require protection against electrostatic discharge. Its compact size and easy installation make it a popular choice for manufacturers of electronic devices.

### FAQ:

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

A: The brand name of this Schottky Barrier Diode product is SOCAY.

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

A: The model number of this Schottky Barrier Diode product is SS23B.

Q: Where is this Schottky Barrier Diode product manufactured?

A: This Schottky Barrier Diode product is manufactured in Shenzhen, China.

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

A: This Schottky Barrier Diode product has REACH, RoHS, and ISO certifications.

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

A: The minimum order quantity for this Schottky Barrier Diode product is 3000PCS/REEL.

Q: What is the packaging detail for this Schottky Barrier Diode product?

A: The packaging detail for this Schottky Barrier Diode product is DO-214AA(SMB).



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