



## SS24B Surface Mount Schottky Barrier Rectifiers Low Voltage 40V Peak Reverse Voltage

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS24B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Operating Junction Temperature Range: -55 To +150
- Maximum Forward Voltage: 0.5V
- Peak Forward Surge Current: 50A
- Maximum DC Blocking Voltage: 40V
- Maximum Repetitive Peak Reverse Voltage: 40V
- Maximum RMS Voltage: 28V
- Package: DO-214AA(SMB)
- Maximum Average Forward Current: 2A

## Product Description

### Product Description:

Our Schottky Barrier Diode also has a maximum repetitive peak reverse voltage of 40V and a maximum DC blocking voltage of 40V. This ensures that the diode can handle reverse voltage spikes and block any unwanted currents.

One of the most impressive features of our diode is its high forward surge current semiconductor. With a peak forward surge current of 50A, this diode is perfect for applications that require a sudden surge of current. This high surge current capability ensures that the diode can handle any unexpected spikes in current without causing any damage.

In summary, our Schottky Barrier Diode is a top-of-the-line, low voltage rectifier diode that is perfect for a wide range of applications. With a DO-214AA(SMB) package, a maximum RMS voltage of 28V, a maximum repetitive peak reverse voltage of 40V, a maximum DC blocking voltage of 40V, and a peak forward surge current of 50A, this diode is the perfect choice for anyone looking for a reliable and high-quality solution to their low voltage rectification needs.

### Features:

Product Name: Schottky Barrier Diode

Maximum Average Forward Current: 2A

Maximum DC Blocking Voltage: 40V

Maximum Forward Voltage: 0.5V

Package: DO-214AA(SMB)

Maximum Repetitive Peak Reverse Voltage: 40V

Product Type: Surface Mount Schottky Barrier Rectifiers

Special Features: High forward surge current Semiconductor

### Technical Parameters:

Maximum RMS Voltage	28V
Peak Forward Surge Current	50A
Maximum Forward Voltage	0.5V
Package	DO-214AA(SMB)
Maximum Repetitive Peak Reverse Voltage	40V
Operating Junction Temperature Range	-55 To +150
Maximum Average Forward Current	2A
Maximum DC Blocking Voltage	40V

This Schottky Barrier Diode is a high forward surge current semiconductor device with a surface mounted diode package type (DO-214AA/SMB). It can be used as a bridge rectifier diode.

### Applications:

The diode is ideal for use in a range of applications, including in power supplies, voltage clamping, and reverse polarity protection. It is also suitable for use in battery charging and discharging, as well as in rectification circuits. The diode is also commonly used in automotive applications, where it provides excellent reliability and performance.

The SOCAY SS24B Schottky Barrier Diode is available in reels of 3000 pieces and is packaged in DO-214AA(SMB). The diode has a maximum repetitive peak reverse voltage of 40V, a maximum average forward current of 2A, and a peak forward surge current of 50A. It also has a maximum DC blocking voltage of 40V and an operating junction temperature range of -55 to +150 , making it suitable for use in a wide range of environments and applications.

Whether you are building a power supply, voltage clamping circuit, or need reverse polarity protection, the SOCAY SS24B Schottky Barrier Diode is an excellent choice. With its high-quality construction, compact size, and exceptional performance, this diode is sure to meet all your needs and exceed your expectations. So why wait? Order your SOCAY SS24B Schottky Barrier Diodes today and experience the difference for yourself!

### FAQ:

#### Frequently Asked Questions (FAQs) about SOCAY SS24B Schottky Barrier Diode

What is the model number of this Schottky Barrier Diode?

The model number is SS24B.

What is the brand name of this product?

The brand name is SOCAY.

Where is this product manufactured?

This product is manufactured in Shenzhen, China.

What certifications does this product have?

This product is certified with REACH, RoHS, and ISO.

What is the minimum order quantity for this product?

The minimum order quantity is 3000 pieces per reel.

What is the packaging detail of this product?

The packaging detail is DO-214AA (SMB).

