

## Socay Schottky Barrier Diode SS320B Average Forward Current 3A Maximum RMS Voltage 140V

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS320B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum Average Forward Current: 3A
- Maximum Forward Voltage: 0.9V
- Maximum RMS Voltage: 140V
- Peak Forward Surge Current: 80A
- Maximum DC Blocking Voltage: 200V
- Operating Junction Temperature Range: -65 To +175
- Maximum Repetitive Peak Reverse Voltage: 200V
- Package: DO-214AA(SMB)

## Product Description

### Product Description:

The Schottky Barrier Diode is available in the DO-214AA (SMB) package, which is a surface mount package that allows for easy and quick installation on printed circuit boards. This makes it an ideal choice for applications where space is limited, such as in portable devices and other compact electronic systems.

Our diode boasts a maximum forward voltage of just 0.9V, which means that it can conduct current with very little voltage drop across the diode. This makes it an excellent choice for use in power supplies, rectifiers, and other applications where low power loss is critical.

The Schottky Barrier Diode is designed to operate in a wide range of temperatures, with an operating junction temperature range of -65 to +175. This makes it suitable for use in a variety of environments, including industrial and automotive applications.

With a maximum RMS voltage of 140V, our Schottky Barrier Diode is ideal for use in low voltage applications, such as in battery-powered devices and other low voltage systems.

Our Schottky Barrier Diode is part of our range of Schottky Barrier Rectifiers, which are designed to provide high efficiency and low power loss in a variety of applications. These diodes are widely used in power electronics, telecommunications, and a variety of other industries. Choose our Schottky Barrier Diode for your next project and experience the benefits of a high-performance diode that is designed to meet your power switching needs.

### Features:

Product Name: Schottky Barrier Diode

Type: Surface mounted Diode

Package: DO-214AA(SMB)

Maximum Forward Voltage: 0.9V

Maximum Repetitive Peak Reverse Voltage: 200V

Maximum RMS Voltage: 140V

Operating Junction Temperature Range: -65 To +175

Usage: Bridge Rectifier Diode, Electronic Component Diode

### Technical Parameters:

Parameter	Value
Electronic Component Diode Type	Schottky Barrier Rectifiers
Maximum DC Blocking Voltage	200V
Maximum Repetitive Peak Reverse Voltage	200V
Maximum RMS Voltage	140V
Maximum Forward Voltage	0.9V
Maximum Average Forward Current	3A
Peak Forward Surge Current	80A
Operating Junction Temperature Range	-65 To +175
Package	DO-214AA(SMB)

### Applications:

With a maximum RMS voltage of 140V, maximum DC blocking voltage of 200V, and a maximum average forward current of 3A, the SOCAY SS320B Schottky Barrier Diode is a powerful electronic component that can handle a wide range of applications. Whether you're working on a DIY project or a commercial application, this diode electronic component is the perfect choice.

Thanks to its peak forward surge current of 80A, the SOCAY SS320B Schottky Barrier Diode is capable of handling sudden spikes in voltage, making it ideal for high-stress applications. The diode electronic component also has a maximum forward voltage of 0.9V, which ensures that it operates efficiently without consuming too much power.

Whether you're looking for an electronic component diode for a power supply unit or a diode triode transistor for a circuit, the SOCAY SS320B Schottky Barrier Diode is the perfect choice. It comes with certifications such as REACH, RoHS, and ISO, which means that it meets the highest quality standards. Plus, with a minimum order quantity of 3000PCS/REEL and packaging details of DO-214AA(SMB), you can easily order the amount you need and get it delivered to you quickly.

So, if you're looking for a reliable and high-performance diode electronic component, the SOCAY SS320B Schottky Barrier Diode is the perfect choice. Place your order today and experience the difference!

### FAQ:

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

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

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

A: The model number of the Schottky Barrier Diode is SS320B.

Q: Where is the Schottky Barrier Diode manufactured?

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

Q: What certifications does the Schottky Barrier Diode have?

A: The Schottky Barrier Diode is certified with REACH, RoHS, and ISO.

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

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

Q: What are the packaging details for the Schottky Barrier Diode?

A: The packaging details for the Schottky Barrier Diode are DO-214AA(SMB).



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