

## Socay SS315A Maximum Repetitive Peak Reverse Voltage 150V Schottky Barrier Diode

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS315A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Maximum RMS Voltage: 105V
- Package: DO-214AC(SMA)
- Typical Junction Capacitance: 300pF
- Maximum Repetitive Peak Reverse Voltage: 150V
- Maximum Average Forward Rectified Current: 3A
- Peak Forward Surge Current: 100A
- Maximum DC Blocking Voltage: 150V
- Operating Junction Temperature Range: -65 To +150

## Product Description

### Product Description:

With a peak forward surge current of 100A, these rectifiers can handle high surges of current without damaging the device. Our Schottky Barrier Rectifiers are also designed to operate within a wide temperature range of -65 to +150 , making them suitable for a variety of applications.

The maximum RMS voltage for our Schottky Barrier Rectifiers is 105V, providing ample protection against voltage spikes and surges.

These rectifiers are packaged in a DO-214AC(SMA) package, making them easy to install and use.

Our Schottky Barrier Rectifiers also have a maximum DC blocking voltage of 150V, making them ideal for applications that require high blocking voltage, such as power supplies and voltage regulators.

Overall, our Surface Mount Schottky Barrier Rectifiers are an excellent choice for anyone seeking high performance and reliability. With their high current capability, wide temperature range, and low forward voltage drop, these rectifiers are perfect for a variety of applications. Order yours today and experience the difference that our Schottky Barrier Rectifiers can make in your electronic designs.

### Features:

Product Name: Schottky Barrier Diode

Typical Junction Capacitance: 300pF

Maximum Average Forward Rectified Current: 3A

Maximum Repetitive Peak Reverse Voltage: 150V

Maximum DC Blocking Voltage: 150V

Operating Junction Temperature Range: -65 To +150

This Schottky Barrier Diode product is a type of electronic component diode that can be used as a rectifier. It is a surface mount Schottky Barrier Rectifier that has a typical junction capacitance of 300pF. It can handle a maximum average forward rectified current of 3A and has a maximum repetitive peak reverse voltage of 150V. In addition, it has a maximum DC blocking voltage of 150V, making it suitable for a variety of applications. This product is designed to operate within a wide temperature range of -65 to +150 .

### Technical Parameters:

<b>Electronic Component Diode:</b>	Schottky Barrier Rectifiers
<b>Maximum RMS Voltage:</b>	105V
<b>Maximum Average Forward Rectified Current:</b>	3A
<b>Package:</b>	DO-214AC(SMA)
<b>Operating Junction Temperature Range:</b>	-65 To +150
<b>Peak forward Surge Current:</b>	100A
<b>Maximum Repetitive Peak Reverse Voltage:</b>	150V
<b>Typical Junction Capacitance:</b>	300pF
<b>Maximum DC Blocking Voltage:</b>	150V

### Applications:

The SS315A Schottky Barrier Diode is manufactured in Shenzhen, China, to the highest quality standards. The product is certified to meet international standards, including REACH, RoHS, and ISO, ensuring that it is safe and environmentally friendly. The minimum order quantity for the SS315A is 5000PCS/REEL, and it is packaged in a DO-214AC(SMA) package, making it easy to store and transport.

The SS315A Schottky Barrier Diode has a maximum average forward rectified current of 3A, making it ideal for a wide range of applications. Its typical junction capacitance is 300pF, which ensures that it provides excellent performance and reliability. The operating junction temperature range is -65 to +150 , making it suitable for use in a variety of environments and conditions. Additionally, the product can handle a peak forward surge current of up to 100A, making it ideal for demanding applications.

The SS315A Schottky Barrier Diode is versatile and can be used in a variety of applications, including but not limited to:

Power supplies

Automotive systems

Solar panels

Battery chargers

DC-DC converters

Rectifiers

The SS315A Schottky Barrier Diode is a cost-effective solution for a wide range of applications. Its high performance and reliability make it a popular choice for engineers and manufacturers around the world. If you are looking for top-quality diodes or Schottky Barrier Rectifiers, SOCAY's SS315A is an excellent choice.

### Customization:

- Brand Name: SOCAY
- Model Number: SS315A
- Place of Origin: Shenzhen, China
- Certification: REACH, RoHS, ISO
- Minimum Order Quantity: 5000PCS/REEL

- Packaging Details: DO-214AC(SMA)
- Operating Junction Temperature Range: -65 To +150
- Package: DO-214AC(SMA)
- Maximum DC Blocking Voltage: 150V
- Maximum Average Forward Rectified Current: 3A
- Typical Junction Capacitance: 300pF

Our Schottky Barrier Diode is a surface mounted diode, ideal for use in surface mount Schottky barrier rectifiers and bridge rectifier diodes.

#### FAQ:

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

**A:** The brand name of this Schottky Barrier Diode is SOCAT.

**Q:** What is the model number of this product?

**A:** The model number of this product is SS315A.

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

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

**Q:** What certifications does this product have?

**A:** This product has REACH, RoHS, and ISO certifications.

**Q:** What is the minimum order quantity for this product and what is the packaging details?

**A:** The minimum order quantity for this product is 5000PCS/REEL and the packaging details are DO-214AC(SMA).



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