



## Socay SS34B Rectifier Diode 80A Peak Forward Surge Current in DO-214AA 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: SS34B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Package: DO-214AA(SMB)
- Maximum Forward Voltage: 0.5V
- Maximum Repetitive Peak Reverse Voltage: 40V
- Maximum Average Forward Current: 3A
- Maximum RMS Voltage: 28V
- Operating Junction Temperature Range: -55 To +150
- Peak Forward Surge Current: 80A
- Maximum DC Blocking Voltage: 40V

## Product Description

### Product Description:

Our Schottky Barrier Diode has a maximum forward voltage of 0.5V, which ensures a low power loss and high efficiency. This Electrostatic Diode is designed to operate within a wide range of temperatures, from -55 to +150 . This temperature range is perfect for applications that require stability and high performance even in extreme environments.

Our Schottky Barrier Diode also has a maximum repetitive peak reverse voltage of 40V, which ensures a high level of reliability and durability. With its maximum RMS voltage of 28V, you can be sure that our Schottky Barrier Diode will provide you with consistent and reliable performance.

Our Schottky Barrier Diode comes in a DO-214AA(SMB) package, which is a surface-mount package that is perfect for high-density applications. This package is designed to provide a high level of mechanical strength and reliability, making it ideal for applications that require high durability and strength.

In summary, our Schottky Barrier Diode is a high-quality electronic component diode that is designed to provide low voltage drop and fast switching action. Its maximum forward voltage of 0.5V ensures high efficiency, while its wide operating temperature range makes it perfect for extreme environments. Its maximum repetitive peak reverse voltage of 40V and maximum RMS voltage of 28V ensure a high level of reliability and durability. Its DO-214AA(SMB) package provides high mechanical strength and reliability, making it ideal for high-density applications. Get your Schottky Barrier Diode today and experience its high performance and reliability for yourself!

### Features:

Product Name: Schottky Barrier Diode

Maximum Average Forward Current: 3A

Package: DO-214AA(SMB)

Maximum DC Blocking Voltage: 40V

Operating Junction Temperature Range: -55 To +150

Peak Forward Surge Current: 80A

This Schottky Barrier Diode is a type of diode that is used as a Schottky barrier rectifier or bridge rectifier diode. It has a maximum average forward current of 3A and a peak forward surge current of 80A. The package is DO-214AA(SMB) and it has a maximum DC blocking voltage of 40V. It operates within the temperature range of -55 to +150 .

### Technical Parameters:

Technical Parameters	Values
Product Type	Diodes - Schottky Barrier Diode
Operating Junction Temperature Range	-55 To +150
Maximum Average Forward Current	3A
Maximum RMS Voltage	28V
Maximum DC Blocking Voltage	40V
Maximum Forward Voltage	0.5V
Maximum Repetitive Peak Reverse Voltage	40V
Package	DO-214AA(SMB)
Peak Forward Surge Current	80A

This product is a Schottky Barrier Diode used as a low voltage rectifier diode. It can also be referred to as a diode triode transistor.

### Applications:

The SS34B Schottky Barrier Diode can be used in a variety of applications, including voltage clamping, switching power supplies, reverse current protection, and freewheeling diodes. It is also suitable for use in electronic circuits that require low forward voltage drop and high surge current capability.

This electronic component diode is manufactured in Shenzhen, China, and is certified with REACH, RoHS, and ISO standards. It has a maximum forward voltage of 0.5V and a peak forward surge current of 80A, making it ideal for high current applications. The maximum repetitive peak reverse voltage and maximum DC blocking voltage of 40V ensure that the diode can withstand high voltage applications. The SOCA Y SS34B Schottky Barrier Diode is available in packaging details of DO-214AA(SMB) and has a minimum order quantity of 3000PCS/REEL. It has a maximum average forward current of 3A, which makes it suitable for use in various electronic devices with high current requirements.

Overall, the SS34B Schottky Barrier Diode is a crucial diode electronic component that is widely used in the electronic industry. Its high efficiency, reliability, and compatibility make it an excellent choice for various applications.

### Customization:

The operating junction temperature range for our Schottky Barrier Diodes is between -55 to +150 , and the maximum forward voltage is 0.5V. They have a maximum average forward current of 3A and a maximum repetitive peak reverse voltage of 40V.

Our Schottky Barrier Diodes are packaged in DO-214AA(SMB) and have a minimum order quantity of 3000PCS/REEL.

If you require Product Customization Services for Diodes, Diode Triode Transistor or any other product, please contact us.

#### FAQ:

**Q: What is the brand name of this product?**

A: The brand name of this product is SOCAY.

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

A: The model number of this product is SS34B.

**Q: Where is this product made?**

A: This product is made in Shenzhen, China.

**Q: Does this product have any certifications?**

A: Yes, this product is certified by REACH, RoHS, and ISO.

**Q: What is the minimum order quantity for this product?**

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

**Q: What is the packaging for this product?**

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



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