



1A Efficient Low Forward Voltage 150V Electronic Component Diode Schottky Barrier Rectifiers

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS115A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Package: DO-214AC(SMA)
- Maximum Repetitive Peak Reverse Voltage: 150V
- Average Rectified Current At $T_A=75^\circ\text{C}$: 1A
- Operating Junction Temperature Range: -65°C To $+125^\circ\text{C}$
- Storage Temperature Range: -65°C To $+125^\circ\text{C}$
- Maximum DC Blocking Voltage: 150V
- Peak Forward Surge Current: 40A
- Maximum RMS Voltage: 105V

Product Description

Product Description:

With a maximum RMS voltage of 105V, this Schottky Barrier Diode can handle high voltages without any issues. It is designed to operate within a wide temperature range of -65 to +125, making it suitable for use in extreme environments. This ensures that the diode operates optimally, even in harsh conditions, without any risk of overheating or failure.

The peak forward surge current of this Schottky Barrier Diode is an impressive 40A. This means that it can handle sudden surges in current without any damage or failure. This makes it ideal for use in applications where sudden current spikes are common, such as in power supplies and motor control systems.

The maximum DC blocking voltage of this Schottky Barrier Diode is 150V, making it an excellent choice for use in low voltage applications. This diode is highly efficient and can prevent the flow of current in one direction while allowing it to flow freely in the opposite direction.

This Schottky Barrier Diode has a storage temperature range of -65 to +125. This means that it can be stored in extreme temperatures without any risk of damage or failure. It is also designed to be compact and easy to install, making it a great choice for a wide range of applications.

Overall, our Schottky Barrier Diode is a reliable and high-performance electronic component diode that can be used in a variety of applications. Its impressive specifications and robust design make it an excellent choice for use in electronic devices and systems that require efficient and dependable performance.

Features:

Product Name: Schottky Barrier Diode

Maximum Repetitive Peak Reverse Voltage: 150V

Operating Junction Temperature Range: -65 To +125

Peak Forward Surge Current: 40A

Maximum RMS Voltage: 105V

Average Rectified Current at TA=75 : 1A

High forward surge current Semiconductor

Schottky Barrier Rectifiers

High forward surge current Semiconductor

Technical Parameters:

Product Attribute	Value
Diode Electronic Component	Surface Mount Schottky Barrier Rectifiers
Storage Temperature Range	-65 To +125
Package	DO-214AC(SMA)
Peak Forward Surge Current	40A
Maximum DC Blocking Voltage	150V
Maximum Repetitive Peak Reverse Voltage	150V
Maximum RMS Voltage	105V
Average Rectified Current at TA=75	1A
Operating Junction Temperature Range	-65 To +125

Applications:

These diodes are electrostatic diodes that are designed to provide a low forward voltage drop and high switching speed. This makes them ideal for use in high-frequency circuits where fast switching times are critical. They are also designed to provide excellent thermal stability and high efficiency.

The SS115A Schottky Barrier Diodes are manufactured in Shenzhen, China and are certified to meet REACH, RoHS, and ISO standards. They are available in a minimum order quantity of 5000PCS/REEL and are packaged in DO-214AC(SMA) package.

The maximum RMS voltage for the SS115A is 105V, while the maximum DC blocking voltage is 150V. The diodes have a peak forward surge current of 40A and a storage temperature range of -65 to +125. These features make them suitable for use in a wide range of applications, including power supplies, voltage regulators, and other electronic circuits.

Overall, the SOCAY SS115A Schottky Barrier Diode is a high-performance, reliable, and efficient electronic component that is well-suited for a variety of applications. Whether you are designing a power supply or a voltage regulator, these diodes are an excellent choice that will provide superior performance and reliability.

Customization:

Our Schottky Barrier Diode has a Maximum RMS Voltage of 105V and a Maximum Repetitive Peak Reverse Voltage of 150V. At TA=75, the Average Rectified Current is 1A and the Peak Forward Surge Current is 40A.

For your convenience, the Schottky Barrier Diode comes packaged in DO-214AC(SMA) and is available for a minimum order quantity of 5000PCS/REEL.

Trust SOCAY for your Bridge Rectifier Diode needs. Order today!

FAQ:

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

A: The brand name of this product is SOCAY.

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

A: The model number of this product is SS115A.

Q: Where is this Schottky Barrier Diode product manufactured?

A: This product is manufactured in Shenzhen, China.

Q: Does this Schottky Barrier Diode product have any certifications?

A: Yes, this 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 product is 5000PCS/REEL.

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

A: The packaging details for this product is DO-214AC(SMA).



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