



100V Maximum DC Blocking Voltage SOCAY Schottky Barrier Rectifiers S110A

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS110A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Maximum RMS Voltage: 70V
- Peak Forward Surge Current: 40A
- Maximum Repetitive Peak Reverse Voltage: 100V
- Storage Temperature Range: -65 To +125
- Average Rectified Current At TA=75 : 1A
- Operating Junction Temperature Range: -65 To +125
- Maximum DC Blocking Voltage: 100V
- Package: DO-214AC(SMA)

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Product Description

Product Description:

One of the standout features of these Schottky Barrier Rectifiers is the average rectified current at $T_A=75$, which is 1A. This makes them ideal for use in power supplies, battery chargers, and other high current applications. The operating junction temperature range of -65 to +125 ensures that these diodes can operate in even the harshest of environments.

These Schottky Barrier Rectifiers are designed to offer superior performance and reliability. They are manufactured using high quality materials and are subjected to rigorous testing to ensure that they meet our high standards for quality and performance. Whether you are working on a new project or upgrading an existing circuit, these diodes are sure to exceed your expectations.

Features:

Product Name: Schottky Barrier Diode

Type: Electrostatic Diode

Mounting Type: Surface mounted Diode

Maximum DC Blocking Voltage: 100V

Average Rectified Current at $T_A=75$: 1A

Storage Temperature Range: -65 To +125

Maximum Repetitive Peak Reverse Voltage: 20V

Maximum RMS Voltage: 70V

Usage: Low Voltage Rectifier Diode

Technical Parameters:

Electronic Component Diode	
Operating Junction Temperature Range	-65 To +125
Peak forward Surge Current	40A
Maximum RMS Voltage	70V
Maximum DC Blocking Voltage	100V
Storage Temperature Range	-65 To +125
Package	DO-214AC(SMA)
Average Rectified Current at $T_A=75$	1A
Maximum Repetitive Peak Reverse Voltage	100V
Electrostatic Diode	
Diode Triode Transistor	

Applications:

One of the application scenarios for the SS110A is in electronic circuits that require a low forward voltage drop. This is because the Schottky barrier diode has a low voltage drop when conducting current in the forward direction. This makes it ideal for use in rectification circuits, voltage clamping circuits, and freewheeling diodes.

The SS110A diode is also useful in scenarios that involve high-frequency switching. This is because of its fast switching speed and low reverse recovery time. It is used in power supplies, DC-DC converters, and other applications that require high-frequency switching.

The SS110A is also useful in scenarios that require protection against electrostatic discharge (ESD). It can be used in circuits that protect sensitive electronic components from ESD damage. This makes it a suitable choice for use in portable electronic devices, such as smartphones, tablets, and laptops.

The SS110A Schottky Barrier Diode has a maximum repetitive peak reverse voltage of 100V, a maximum RMS voltage of 70V, and a maximum DC blocking voltage of 100V. It has an average rectified current of 1A at $T_A=75$ and a peak forward surge current of 40A. The diode is available in packaging details of DO-214AC (SMA), and the minimum order quantity is 5000PCS/REEL.

Customization:

Product Customization Services for the Schottky Barrier Diode:

Brand Name: SOCAY

Model Number: SS110A

Place of Origin: Shenzhen, China

Certification: REACH, RoHS, ISO

Minimum Order Quantity: 5000PCS/REEL

Packaging Details: DO-214AC(SMA)

Package: DO-214AC(SMA)

Operating Junction Temperature Range: -65 To +125

Storage Temperature Range: -65 To +125

Peak forward Surge Current: 40A

Maximum DC Blocking Voltage: 100V

This Schottky Barrier Diode is a high forward surge current semiconductor, commonly used as an electrostatic diode.

FAQ:

Q1: What is the brand name of the Schottky Barrier Diode?

A1: The brand name of the Schottky Barrier Diode is SOCAY.

Q2: What is the model number of the Schottky Barrier Diode?

A2: The model number of the Schottky Barrier Diode is SS110A.

Q3: Where is the Schottky Barrier Diode manufactured?

A3: The Schottky Barrier Diode is manufactured in Shenzhen, China.

Q4: What certifications does the Schottky Barrier Diode have?

A4: The Schottky Barrier Diode has REACH, RoHS, and ISO certifications.

Q5: What is the minimum order quantity for the Schottky Barrier Diode?

A5: The minimum order quantity for the Schottky Barrier Diode is 5000PCS/REEL and it is packaged in DO-214AC(SMA).



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