



SS34A Schottky Barrier Diode 28V Maximum RMS Voltage 100A Peak Forward Surge Current

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS34A
- Minimum Order Quantity: 5000 PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Maximum Average Forward Rectified Current: 3A
- Operating Junction Temperature Range: -65 To +125
- Typical Junction Capacitance: 500pF
- Peak Forward Surge Current: 100A
- Maximum Repetitive Peak Reverse Voltage: 40V
- Maximum DC Blocking Voltage: 40V
- Package: DO-214AC(SMA)
- Maximum RMS Voltage: 28V

Product Description

Product Description:

The Schottky Barrier Diode has a maximum RMS voltage of 28V, which makes it suitable for use in low voltage applications. It has a maximum average forward rectified current of 3A, which allows it to handle moderate power loads without overheating. The diode is packaged in a DO-214AC (SMA) package, which is a surface-mount device that is easy to install and requires minimal board space. The Schottky Barrier Diode has a maximum repetitive peak reverse voltage of 40V, which means that it can block reverse voltage up to this level without breaking down. It also has a peak forward surge current of 100A, which allows it to handle high surge currents without getting damaged. These features make it suitable for use in various applications such as power supplies, battery charging circuits, and voltage regulators.

Diodes are essential components in electronic circuits, and the Schottky Barrier Diode is one of the most commonly used types of diodes. It is widely used in various applications due to its fast switching speed, low power loss, and high surge current capability. It is also known for its low forward voltage drop, which makes it suitable for use in low voltage circuits.

Features:

Product Name: Schottky Barrier Diode

Maximum Repetitive Peak Reverse Voltage: 40V

Peak forward Surge Current: 100A

Maximum DC Blocking Voltage: 40V

Maximum Average Forward Rectified Current: 3A

Maximum RMS Voltage: 28V

This product belongs to the category of Diodes and Schottky Barrier Rectifiers. It can also be classified as a Diode Triode Transistor.

Technical Parameters:

Parameter	Value
Electrostatic Diode Type	Schottky Barrier Diode
Maximum Repetitive Peak Reverse Voltage	40V
Maximum DC Blocking Voltage	40V
Package	DO-214AC(SMA)
Operating Junction Temperature Range	-65 To +125
Typical Junction Capacitance	500pF
Maximum RMS Voltage	28V
Peak Forward Surge Current	100A
Maximum Average Forward Rectified Current	3A

Customization:

The SS34A Schottky Barrier Diode comes in a reel with a Minimum Order Quantity of 5000PCS. The packaging is DO-214AC(SMA).

FAQ:

Frequently Asked Questions about SOCAY SS34A Schottky Barrier Diode:

What is the brand name of this Schottky Barrier Diode?

The brand name of this Schottky Barrier Diode is SOCAY.

What is the model number of this Schottky Barrier Diode?

The model number of this Schottky Barrier Diode is SS34A.

Where is this Schottky Barrier Diode made?

This Schottky Barrier Diode is made in Shenzhen, China.

What certifications does this Schottky Barrier Diode have?

This Schottky Barrier Diode has REACH, RoHS, and ISO certifications.

What is the minimum order quantity for this Schottky Barrier Diode?

The minimum order quantity for this Schottky Barrier Diode is 5000PCS/REEL.

What are the packaging details of this Schottky Barrier Diode?

The packaging details of this Schottky Barrier Diode are DO-214AC(SMA).



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