



Socay SS35A Compact Schottky Barrier Diode in DO-214AC Package with 50V Maximum Repetitive Peak Reverse Voltage

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS35A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Typical Junction Capacitance: 500pF
- Package: DO-214AC(SMA)
- Operating Junction Temperature Range: -65 To +125
- Peak Forward Surge Current: 100A
- Maximum RMS Voltage: 35V
- Maximum Repetitive Peak Reverse Voltage: 50V
- Maximum DC Blocking Voltage: 50V
- Maximum Average Forward Rectified Current: 3A

Product Description

Product Description:

Our Schottky Barrier Diode products are designed to handle high forward surge current of up to 100A, making them ideal for applications that require high power density and reliability. The Maximum Repetitive Peak Reverse Voltage is 50V, which ensures that the diodes can handle a wide range of voltage levels. Additionally, the Operating Junction Temperature Range of -65 To +125 makes them suitable for use in a wide range of environments.

One of the key features of our Schottky Barrier Diode products is their Typical Junction Capacitance of 500pF. This ensures that they can handle high-frequency signals with ease, making them ideal for use in high-frequency applications. The Maximum Average Forward Rectified Current is 3A, which means that they can handle a wide range of current levels.

In summary, our Schottky Barrier Diode products are high forward surge current semiconductors that provide excellent performance in rectification applications. They are designed to handle a wide range of voltage levels and can be used in a wide range of environments. Their Typical Junction Capacitance of 500pF makes them ideal for use in high-frequency applications, and their Maximum Average Forward Rectified Current of 3A ensures that they can handle a wide range of current levels. If you are looking for high-quality Schottky Barrier Diode products, look no further than our range of products.

Features:

Product Name: Schottky Barrier Diode

Diodes

Surface mounted Diode

High forward surge current Semiconductor

Typical Junction Capacitance: 500pF

Maximum Repetitive Peak Reverse Voltage: 50V

Maximum RMS Voltage: 35V

Maximum DC Blocking Voltage: 50V

Peak forward Surge Current: 100A

Technical Parameters:

| Product Attribute | Value |
|---|---|
| Product Name | Surface Mount Schottky Barrier Rectifiers |
| Package | DO-214AC(SMA) |
| Typical Junction Capacitance | 500pF |
| Maximum DC Blocking Voltage | 50V |
| Maximum Repetitive Peak Reverse Voltage | 50V |
| Peak Forward Surge Current | 100A |
| Maximum RMS Voltage | 35V |
| Operating Junction Temperature Range | -65 To +125 |
| Maximum Average Forward Rectified Current | 3A |
| Product Type | Electrostatic Diode |
| Other Names | Bridge Rectifier Diode |

Applications:

The SS35A is a surface-mounted diode that can withstand a wide range of operating junction temperatures, from -65 to +125. It has a maximum DC blocking voltage of 50V and a maximum RMS voltage of 35V, making it perfect for use in power management circuits.

One of the key features of the SS35A is its high forward surge current capability of up to 100A. This makes it an excellent choice for use in circuits that require a high surge current, such as in power supplies and motor control circuits.

The SS35A also has a maximum average forward rectified current of 3A, which makes it suitable for use in low voltage applications. Its DO-214AC (SMA) packaging details also make it easy to install and use in a wide range of circuits.

This diode is commonly used in a variety of applications, including in power supplies, voltage regulators, battery chargers, and DC-DC converters. It can also be used in various electronic devices, including televisions, computers, and mobile phones.

So if you're looking for a reliable and high-quality diode that can withstand a wide range of temperatures and deliver high forward surge current, the SOCAT SS35A Schottky Barrier Diode is the perfect choice for you. With a minimum order quantity of 5000pcs/reel, you can easily get your hands on this high-performance semiconductor device and enjoy its benefits in your circuits and electronic devices.

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 Schottky Barrier Diode?

A: The model number of this Schottky Barrier Diode is SS35A.

Q: Where is this Schottky Barrier Diode manufactured?

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

Q: What certifications does this Schottky Barrier Diode have?

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

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

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

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

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



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