



Socay 150V Maximum Voltage Schottky Diode SS515A Metal Silicon Junction

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS515A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Peak Forward Surge Current: 150A
- Maximum RMS Voltage: 105V
- Maximum Repetitive Peak Reverse Voltage: 150V
- Maximum DC Blocking Voltage: 150V
- Typical Junction Capacitance: 300pF
- Package: DO-214AC(SMA)
- Operating Junction Temperature Range: -55 To +150
- Maximum Average Forward Current: 5A

Product Description

Product Description:

The Schottky Barrier Diode has a maximum average forward current of 5A, making it suitable for a wide range of applications. Whether you need it for power supplies, battery chargers, or other electronic devices, this diode can provide the necessary current to keep your devices running smoothly.

The package of this product is DO-214AC(SMA), which is a surface mount package that is easy to install and saves space on your printed circuit board. This makes it ideal for use in small electronic devices where space is limited.

The operating junction temperature range of this diode is -55 to +150 , allowing it to operate effectively in a wide range of environments. Whether you need it for industrial or consumer applications, this diode can withstand high temperatures and continue to deliver reliable performance.

The typical junction capacitance of this diode is 300pF, which means it can handle high-frequency signals with ease. This makes it perfect for use in radio frequency applications, where fast switching times and high-frequency signals are common.

In summary, our Schottky Barrier Diode is a low voltage rectifier diode that is a surface mounted diode triode transistor. It has a maximum average forward current of 5A, a DO-214AC(SMA) package, an operating junction temperature range of -55 to +150 , and a typical junction capacitance of 500pF. Whether you need it for power supplies, battery chargers, or other electronic devices, this diode is the perfect choice for reliable and efficient performance.

Features:

Product Name: Schottky Barrier Diode

Maximum Average Forward Current: 5A

Typical Junction Capacitance: 300pF

Operating Junction Temperature Range: -55 To +150

Peak Forward Surge Current: 150A

Package: DO-214AC(SMA)

Type: Surface Mount Schottky Barrier Rectifiers

Usage: Surface mounted Diode

Technical Parameters:

Parameter	Value
Peak Forward Surge Current	150A
Maximum DC Blocking Voltage	150V
Maximum Average Forward Current	5A
Package	DO-214AC(SMA)
Maximum RMS Voltage	105V
Maximum Repetitive Peak Reverse Voltage	150V
Operating Junction Temperature Range	-55 To +150
Typical Junction Capacitance	300pF

This Schottky Barrier Diode product features a high forward surge current of 150A, making it suitable for applications requiring a robust semiconductor diode triode transistor with electrostatic diode properties. It has a maximum DC blocking voltage of 40V and a maximum average forward current of 5A. The package is DO-214AC(SMA) and it has a maximum RMS voltage of 105V. The maximum repetitive peak reverse voltage is also 150V. It operates within a junction temperature range of -55 to +150 and has a typical junction capacitance of 300pF.

Applications:

The SOCAT SS515A Schottky Barrier Diode is ideal for various applications such as rectification and detection in power supplies, DC-DC converters, and voltage clamping circuits. It can also be used in battery charging, reverse polarity protection, and other electronic devices. The diode can handle a maximum average forward current of 5A and a maximum rms voltage of 28V. Its operating junction temperature range is -55 to +150 , making it suitable for use in extreme weather conditions.

The SOCAT SS515A comes in DO-214AC(SMA) packaging, and the minimum order quantity is 5000PCS/REEL. The diode has a maximum repetitive peak reverse voltage of 150V and a peak forward surge current of 150A. Its high efficiency and low power loss make it an excellent choice for various electronic applications.

In summary, the SOCAT SS515A Schottky Barrier Diode is a reliable and efficient diode triode transistor that can be used in various electronic devices. Its high-quality manufacturing in Shenzhen, China, and certifications such as REACH, RoHS, and ISO ensure its safety and reliability. It is ideal for rectification and detection in power supplies, DC-DC converters, and voltage clamping circuits, as well as battery charging and reverse polarity protection.

Customization:

SOCAY offers product customization services for the SS515A Schottky Barrier Diode. This high forward surge current semiconductor is a low voltage rectifier diode that is surface mounted. The SS515A is manufactured in Shenzhen, China and comes with REACH, RoHS, and ISO certifications. The minimum order quantity for this diode is 5000 pieces per reel and it is packaged in DO-214AC(SMA). The operating junction temperature range for the SS515A is -55 to +150 . It has a maximum average forward current of 5A, a maximum RMS voltage of 105V, and a maximum repetitive peak reverse voltage of 150V.

FAQ:

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

A: The brand name is SOCAY.

Q: What is the model number of the diode?

A: The model number is SS515A.

Q: Where is the diode manufactured?

A: The diode is made in Shenzhen, China.

Q: What certifications does the diode have?

A: The diode is certified by REACH, RoHS, and ISO.

Q: What is the minimum order quantity for the diode?

A: The minimum order quantity is 5000PCS/REEL.

Q: What is the packaging for the diode?

A: The diode is packaged in DO-214AC(SMA).



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