DO-214AC Package Electrostatic Diode Schottky Barrier Rectifiers SS215A With High Surge Capability

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen,China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: SS215A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)

Product Specification

- Storage Temperature Range: -65 To +125
- Package: DO-214AC(SMA)
- Maximum RMS Voltage: 105V
- Average Rectified Current At TA=75 : 2A
- Maximum DC Blocking Voltage: 150V
- Operating Junction Temperature Range: -65 To +125
- Peak Forward Surge Current: 50A
- Maximum Repetitive Peak Reverse Voltage: 150V

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Product Description

Product Description:

Our Schottky Barrier Diode is a bridge rectifier diode that is designed to handle high forward surge current, making it an ideal choice for use in power supplies, DC-DC converters, and other industrial applications.
This diode has an average rectified current of 2A at TA=75 , which means it can handle a high amount of power without overheating. It has an operating junction temperature range of -65 to +125 , ensuring that it can function effectively in extreme temperature conditions.
The Schottky Barrier Diode comes in a DO-214AC(SMA) package, which is a surface mount package that is easy to install and use. It is a compact and lightweight package, making it perfect for use in space-constrained applications.
Overall, our Schottky Barrier Diode is a high-quality semiconductor device that is designed to provide efficient and reliable performance. Its high forward surge current handling capability and low forward voltage drop make it an ideal choice for use in a wide range of industrial and commercial applications.

Features:

Product Name: Schottky Barrier Diode
Peak Forward Surge Current: 50A
Maximum Repetitive Peak Reverse Voltage: 150V
Package: DO-214AC(SMA)
Maximum DC Blocking Voltage: 150V
Maximum RMS Voltage: 105V
Features: Surface Mount Schottky Barrier Rectifiers, Bridge Rectifier Diode, Schottky Barrier Rectifiers

Technical Parameters:

Technical Parameter	Value
Electrostatic Diode	Schottky Barrier Diode
Maximum DC Blocking Voltage	150V
Average Rectified Current at TA=75	2A
Package	DO-214AC(SMA)
Storage Temperature Range	-65 To +125
Peak forward Surge Current	50A
Maximum RMS Voltage	105V
Maximum Repetitive Peak Reverse Voltage	150V
Operating Junction Temperature Range	-65 To +125
Surface Mount Schottky Barrier Rectifiers	Surface Mount Schottky Barrier Rectifiers

Applications:

The SS215A Schottky Barrier Diode has an average rectified current of 2A at TA=75 , making it suitable for a variety of applications where a reliable and efficient diode is required. This diode can handle maximum DC blocking voltage of 20V, and maximum repetitive peak reverse voltage of 150V. It has a storage temperature range of -65 to +125 , making it suitable for use in a wide range of environments.
This diode is perfect for use in a variety of applications, such as power supplies, voltage regulators, and battery chargers. It is also commonly used in electronic devices such as televisions, computers, and smartphones. The SS215A Schottky Barrier Diode is a key component in diode circuits, and is essential for ensuring the proper functioning of these circuits.
The SS215A Schottky Barrier Diode is a reliable and efficient component that is ideal for use in a wide range of applications. It is a popular choice for engineers and designers who require a high-quality diode that meets international standards for safety and quality. With its high rectified current, maximum DC blocking voltage, and maximum repetitive peak reverse voltage, the SS215A Schottky Barrier Diode is a versatile component that is essential for any diode circuit.

Customization:

Originating from Shenzhen, China, this diode has a maximum repetitive peak reverse voltage and DC blocking voltage of 150V. It has been certified by REACH, RoHS, and ISO, ensuring its quality and safety.

The SS215A Schottky Barrier Diode has a minimum order quantity of 5000PCS/REEL and is packaged in a DO-214AC(SMA). It has an average rectified current of 2A at TA=75 and an operating junction temperature range of -65 to +125 .

If you require product customization services for the SS215A Schottky Barrier Diode, please contact us for more information.

FAQ:

Q1: What is the brand name of this Schottky Barrier Diode?
A1: The brand name of this Schottky Barrier Diode is SOCAY.
Q2: What is the model number of this Schottky Barrier Diode?
A2: The model number of this Schottky Barrier Diode is SS215A.
Q3: Where is this Schottky Barrier Diode manufactured?
A3: This Schottky Barrier Diode is manufactured in Shenzhen, China.
Q4: Does this Schottky Barrier Diode come with any certifications?
A4: Yes, this Schottky Barrier Diode is certified with REACH, RoHS, and ISO.
Q5: What is the minimum order quantity for this Schottky Barrier Diode?
A5: The minimum order quantity for this Schottky Barrier Diode is 5000PCS/REEL and it is packaged in DO-214AC(SMA).

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