

Socay Surface Mount Schottky Rectifiers SS22B High Surge Capacity Compact 0.5V Forward Voltage

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS22B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



Product Specification

- Maximum DC Blocking Voltage: 20V
- Maximum Repetitive Peak Reverse Voltage: 20V
- Maximum Average Forward Current: 2A
- Maximum Forward Voltage: 0.5V
- Peak Forward Surge Current: 50A
- Operating Junction Temperature Range: -55 To +150
- Package: DO-214AA(SMB)
- Maximum RMS Voltage: 14V

Product Description

Product Description:

One of the key features of this diode is its maximum DC blocking voltage of 20V. This means that it is capable of blocking high DC voltages and preventing them from causing damage to your electronic circuits. Additionally, the diode has a maximum repetitive peak reverse voltage of 20V, which ensures that it can withstand high levels of reverse voltage without failing. Another important attribute of this diode is its wide operating junction temperature range of -55 to +150 . This feature makes it ideal for use in a wide range of applications, even in extreme temperature conditions. Whether you need to use it in a hot or cold environment, this diode is up to the task.

The Schottky Barrier Diode also has a maximum RMS voltage of 14V, which means that it is capable of handling high levels of AC voltage without failing. This is an important feature if you need to use the diode in applications that involve AC voltage.

Finally, the diode has a maximum forward voltage of 0.5V, making it highly efficient and effective at conducting current in the forward direction. This feature ensures that the diode is able to perform at a high level while minimizing power loss.

Overall, the Schottky Barrier Diode is an excellent choice for anyone looking for a high-quality semiconductor electronic component diode. Its superior performance and reliability make it ideal for a wide range of applications, and its high forward surge current ensures that it can handle even the most demanding projects with ease.

Features:

Product Name: Schottky Barrier Diode

Maximum DC Blocking Voltage: 20V

Maximum Average Forward Current: 2A

Peak Forward Surge Current: 50A

Maximum RMS Voltage: 14V

Maximum Repetitive Peak Reverse Voltage: 20V

This Schottky Barrier Diode is a type of Schottky Barrier Rectifiers, which is designed for surface mounting. With a maximum DC blocking voltage of 20V and a maximum average forward current of 2A, it is suitable for a wide range of applications. Additionally, it can handle a peak forward surge current of 50A, a maximum RMS voltage of 14V, and a maximum repetitive peak reverse voltage of 20V. This makes it a reliable and efficient choice for your circuit needs.

Whether you need a Surface Mount Schottky Barrier Rectifiers or a Surface mounted Diode, this product is a great option that provides high performance and durability.

Technical Parameters:

Package:	DO-214AA(SMB)
Operating Junction Temperature Range:	-55 To +150
Maximum Forward Voltage:	0.5V
Peak Forward Surge Current:	50A
Maximum Repetitive Peak Reverse Voltage:	20V
Maximum RMS Voltage:	14V
Maximum DC Blocking Voltage:	20V
Maximum Average Forward Current:	2A

Applications:

The SS22B is a surface mounted diode with a maximum DC blocking voltage of 20V, making it perfect for use in low voltage circuits. Its maximum forward voltage of 0.5V ensures low power loss and high efficiency. Meanwhile, its maximum repetitive peak reverse voltage of 20V and peak forward surge current of 50A make it a durable and reliable choice for your circuits.

Whether you're building a bridge rectifier or need an electrostatic diode for your circuit, the SS22B is a versatile choice that will meet your needs. It operates in a wide temperature range of -55 to +150 , making it suitable for use in a range of applications and scenarios.

When it comes to packaging, the SS22B comes in DO-214AA(SMB) packaging, with a minimum order quantity of 3000PCS/REEL, ensuring you have the components you need for your project.

Overall, the SOCAY SS22B Schottky Barrier Diode is a reliable, efficient, and versatile choice for your electronic circuits, whether you're building a bridge rectifier or need an electrostatic diode for your circuit. Contact us today to place your order!

FAQ:

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

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

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

A: The model number of the Schottky Barrier Diode is SS22B.

Q: Where is the Schottky Barrier Diode manufactured?

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

Q: What certifications does the Schottky Barrier Diode have?

A: The Schottky Barrier Diode is certified with REACH, RoHS, and ISO.

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

A: The minimum order quantity for the Schottky Barrier Diode is 3000PCS/REEL.

Q: What is the packaging detail of the Schottky Barrier Diode?

A: The packaging detail of the Schottky Barrier Diode is DO-214AA(SMB).



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