

Socay 3A Surge Current SS38B Schottky Barrier Rectifiers DO-214AA(SMB) Package

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS38B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



Product Specification

- Maximum Average Forward Current: 3A
- Package: DO-214AA(SMB)
- Maximum DC Blocking Voltage: 80V
- Maximum Forward Voltage: 0.8V
- Peak Forward Surge Current: 80A
- Operating Junction Temperature Range: -55 To +125
- Maximum Repetitive Peak Reverse Voltage: 80V
- Maximum RMS Voltage: 56V

Product Description

Product Description:

The Schottky Barrier Diode is available in a DO-214AA(SMB) package, which is a surface mount package that is easy to install and offers excellent thermal performance. This package is ideal for use in high-volume manufacturing applications where space is at a premium.

The Schottky Barrier Diode has a peak forward surge current rating of 80A, which means that it can handle short-term surges of current without being damaged. This makes it ideal for use in applications where high currents are required, such as in power supplies and motor control circuits.

The maximum repetitive peak reverse voltage of the Schottky Barrier Diode is 80V, which means that it can handle reverse voltage spikes without being damaged. This makes it ideal for use in applications where voltage spikes are common, such as in automotive and industrial applications.

The maximum forward voltage of the Schottky Barrier Diode is 0.8V, which means that it has a very low voltage drop when current is flowing through it. This makes it ideal for use in applications where low power loss is critical, such as in battery-powered devices and portable electronics.

The operating junction temperature range of the Schottky Barrier Diode is -65 to +175 , which means that it can operate in a wide range of temperatures without being damaged. This makes it ideal for use in applications where temperature extremes are common, such as in automotive and industrial applications.

In summary, the Schottky Barrier Diode is a type of diode triode transistor that is ideal for use in a variety of electronic circuits. It is a low voltage rectifier diode that is available in a DO-214AA(SMB) package, and it has a peak forward surge current rating of 80A, a maximum repetitive peak reverse voltage of 80V, a maximum forward voltage of 0.8V, and an operating junction temperature range of -65 to +175 . It is ideal for use in applications where low power loss and high efficiency are critical factors, such as in battery-powered devices, portable electronics, power supplies, and motor control circuits.

Features:

Product Name: Schottky Barrier Diode

Diode Electronic Component

Maximum Average Forward Current: 3A

Peak Forward Surge Current: 80A

Package: DO-214AA(SMB)

Maximum Forward Voltage: 0.8V

Maximum RMS Voltage: 56V

Electrostatic Diode

Technical Parameters:

Product:	Schottky Barrier Diode
Package:	DO-214AA(SMB)
Maximum Average Forward Current:	3A
Maximum DC Blocking Voltage:	80V
Maximum Forward Voltage:	0.8V
Operating Junction Temperature Range:	-65 To +175
Maximum RMS Voltage:	56V
Peak Forward Surge Current:	80A
Maximum Repetitive Peak Reverse Voltage:	80V

Applications:

With a peak forward surge current of 80A and a maximum repetitive peak reverse voltage of 80V, these diodes are capable of handling even the most demanding applications with ease. They also feature a maximum RMS voltage of 56V and a maximum average forward current of 3A, ensuring that they can provide consistent, reliable performance in a wide range of scenarios.

Whether you're working in the electronics industry or in another field that requires high-quality diodes, the SS38B is the perfect choice.

These diodes are certified by REACH, RoHS, and ISO, so you can be confident in their safety and reliability. Plus, with a minimum order quantity of 3000PCS/REEL and packaging details of DO-214AA(SMB), they're easy to order and store.

So if you're looking for a top-quality diode that can provide reliable performance in a wide range of scenarios, look no further than the SS38B from SOCAT. Order yours today and experience the difference for yourself!

Customization:

With a maximum average forward current of 3A, maximum DC blocking voltage of 80V, and maximum forward voltage of 0.8V, this low voltage rectifier diode is perfect for a variety of applications. Whether you're designing a new electronic product or repairing an existing one, the SOCAT SS38B Schottky Barrier Diode is a reliable choice.

Please note that the minimum order quantity for this product is 3000PCS/reel. It comes packaged in DO-214AA(SMB) packaging and has

a peak forward surge current of 80A. If you need any additional product customization services, please don't hesitate to contact us for more information.

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 SS38B.

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 by 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 details for the Schottky Barrier Diode?

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



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