



## SS26B Schottky Barrier Diode 2A Forward Current 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: SS26B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum RMS Voltage: 42V
- Maximum Average Forward Current: 2A
- Package: DO-214AA(SMB)
- Maximum DC Blocking Voltage: 60V
- Peak Forward Surge Current: 50A
- Maximum Repetitive Peak Reverse Voltage: 60V
- Maximum Forward Voltage: 0.7V
- Operating Junction Temperature Range: -55 To +150

## Product Description

### Product Description:

Our Schottky Barrier Diode is engineered to provide a maximum average forward current of 2A. This attribute makes it an ideal choice for use in power supply circuits, switching circuits, and voltage regulation circuits. It is designed to operate within a wide range of junction temperatures, ranging from -55 to +150 . This range makes it suitable for use in a variety of environmental conditions.

The Schottky Barrier Diode is characterized by its low forward voltage drop, which makes it an ideal choice for use in low voltage applications. It provides a maximum forward voltage of 0.7V, making it an ideal choice for use in circuits that require low power consumption. Additionally, this diode is designed to provide a fast switching speed, enabling it to switch on and off quickly, which makes it an ideal choice for use in high-frequency applications.

In summary, our Schottky Barrier Diode is a high-performance diode triode transistor that is suitable for a wide range of applications. Its maximum repetitive peak reverse voltage of 60V, peak forward surge current of 50A, maximum average forward current of 2A, and operating junction temperature range of -55 to +150 make it a versatile product that can be used in a variety of environmental conditions. Its low forward voltage drop of 0.7V and fast switching speed make it an ideal choice for use in low voltage and high-frequency applications.

### Features:

Product Name: Schottky Barrier Diode

Maximum Repetitive Peak Reverse Voltage: 60V

Maximum RMS Voltage: 42V

Maximum Forward Voltage: 0.7V

Package: DO-214AA(SMB)

Peak Forward Surge Current: 50A

Product Type: Diode Electronic Component

Category: Low Voltage Rectifier Diode

Classification: Diode Triode Transistor

### Technical Parameters:

Product Attribute	Value
Type	Schottky Barrier Rectifiers
Product Category	Electronic Component Diode
Peak Forward Surge Current	50A
Maximum Repetitive Peak Reverse Voltage	60V
Maximum Average Forward Current	2A
Package	DO-214AA(SMB)
Maximum Forward Voltage	0.7V
Operating Junction Temperature Range	-55 To +150
Maximum RMS Voltage	42V
Maximum DC Blocking Voltage	60V

### Applications:

The SOCAY SS26B Schottky Barrier Diode is designed to handle peak forward surge currents of up to 50A, making it an ideal choice for products that require high current handling capabilities. Its maximum forward voltage of 0.7V ensures low power loss and high efficiency, while its operating junction temperature range of -55 to +150 allows it to perform under extreme conditions.

This diode is suitable for a wide range of product application scenarios, including but not limited to:

Solar panels and inverters

Switching power supplies

Battery chargers

DC-DC converters

LED lighting

The SOCAY SS26B Schottky Barrier Diode is commonly used in Schottky barrier rectifiers, as well as in combination with other diode triode transistors. Its maximum repetitive peak reverse voltage of 60V ensures reliable performance and protection against voltage spikes.

With its high current handling capabilities, low power loss, and reliable performance, the SOCAY SS26B Schottky Barrier Diode is a top choice for engineers and manufacturers looking for a high-quality surface mounted diode for their products.

### FAQ:

**Q1: What is the Brand Name of this product?**

A1: The Brand Name of this product is SOCAY.

**Q2: What is the Model Number of this product?**

A2: The Model Number of this product is SS26B.

**Q3: What is the Place of Origin of this product?**

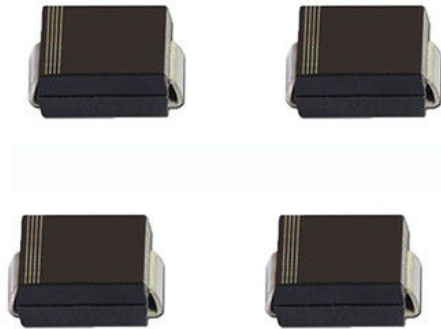
A3: The Place of Origin of this product is Shenzhen, China.

**Q4: What certifications does this product have?**

A4: This product has the following certifications: REACH, RoHS, and ISO.

**Q5: What is the Minimum Order Quantity and Packaging Details of this product?**

A5: The Minimum Order Quantity is 3000PCS/REEL and the Packaging Details is DO-214AA(SMB).



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