



## SOCAY 200V Schottky Rectifiers in DO-214AC Package SBD220D1 Schottky Barrier Diode

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Socay
- Certification: REACH, RoHS, ISO
- Model Number: SBD220D1
- Minimum Order Quantity: 3000 PCS/REEL
- Packaging Details: per 7" plastic Reel



### Product Specification

- Average Rectified Current: 2A
- Maximum RMS Voltage: 140V
- Operating Junction Temperature And Storage Temperature Range: -55 To +125
- Maximum DC Blocking Voltage: 200V
- Maximum Forward Voltage At  $I_F=1A$ : 0.95V
- Maximum Repetitive Peak Reverse Voltage: 200V

## Product Description

### Product Description:

Our Schottky Barrier Diode has an average rectified current of 2A, making it an ideal choice for high-current applications. With a maximum forward voltage of 0.95V at  $I_F=2A$ , this diode ensures minimal energy loss and high efficiency. Another key feature of our Schottky Barrier Diode is its low reverse leakage current of 30 $\mu A$  at VRRM. This ensures that the diode maintains a low power dissipation even at high temperatures. Furthermore, the Schottky Barrier Diode has a typical junction capacitance rating of 155pF at  $V_R=0V$ . This makes it an electrostatic diode that is suitable for applications that require high-frequency performance. Overall, our Schottky Barrier Diode is a versatile and reliable diode that is ideal for a wide range of electronic applications. With its high efficiency, low power dissipation, and excellent performance at high frequencies, this diode is a top choice for any project where a high-performance diode is needed.

### Features:

Product Name: Schottky Barrier Diode  
Typical Junction Capacitance Rating at  $V_R=0V$ : 155pF  
Maximum DC Blocking Voltage: 200V  
Maximum RMS Voltage: 140V  
Maximum Repetitive Peak Reverse Voltage: 200V  
Maximum Forward Voltage at  $I_F=2A$ : 0.5V  
Product Type: Bridge Rectifier Diode  
Category: Diode Electronic Component  
Package Type: Surface Mount Schottky Barrier Rectifiers

### Technical Parameters:

Schottky Barrier Rectifiers	
Surface mounted Diode	
Diode Triode Transistor	
Operating Junction Temperature and Storage Temperature Range	-55 To +150
Maximum Repetitive Peak Reverse Voltage	200V
Maximum DC Blocking Voltage	200V
Average Rectified Current	2A
Maximum Forward Voltage at $I_F=1A$	0.95V
Maximum RMS Voltage	140V

### FAQ:

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

A: The brand name of this Schottky Barrier Diode is Socay.

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

A: The model number of this Schottky Barrier Diode is SBD220D1.

**Q: Where is this Schottky Barrier Diode manufactured?**

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

**Q: What certifications does this Schottky Barrier Diode have?**

A: This Schottky Barrier Diode has certifications for REACH, RoHS, and ISO.

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

A: The minimum order quantity for this Schottky Barrier Diode is 3000PCS/REEL and it is packaged per 7" plastic Reel.

