

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 μA 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.



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