



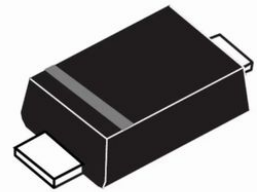
## Current 2.0A Schottky Barrier Diode Low Forward Voltage 0.55V SOD-123FL Wide Temperature Range -50-125.C

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGDONG,China
- Brand Name: Socay
- Model Number: SBD204D1
- Minimum Order Quantity: 3000PCS
- Price: Negotiable
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram



### Product Specification

- Maximum Average Forward Rectified Current: 2.0A
- Vdc: 40V
- Maximum Forward Voltage At IF=2A: 0.55V
- Maximum RMS Voltage: 28V
- Operating Temperature: -50-+125°C
- Ifsm: 50A
- Spq: 3000pcs
- Storage Temperature Range: -50-+150°C
- Highlight: **2.0A Schottky Barrier Diode, Wide Temperature Range Schottky Barrier Diode**

## Product Description

### Product Description:

The Schottky Barrier Diode has a thermal resistance of 85 /W which allows it to operate at high temperatures without overheating. This feature makes it ideal for use in applications where high temperatures are common, such as in automotive or industrial electronics. The operating temperature range for this diode is -50 to +125°C which allows it to function in a wide range of environments.

The Schottky Barrier Diode has an SPQ of 3000pcs which makes it ideal for use in high volume production environments. The diode is small and compact which makes it easy to integrate into various types of circuits. It is also available in a range of different packages which makes it easy to select the right package for your specific application.

The Schottky Barrier Diode is a reliable and efficient diode that is ideal for use in a variety of different applications. Whether you need a diode for a bridge rectifier diode or a diode triode transistor, the Schottky Barrier Diode is the perfect choice. With its low forward voltage, high current capacity, and high temperature resistance, this diode will provide reliable performance in even the most demanding applications.

### Features:

Product Name: Schottky Barrier Diode

Maximum Forward Voltage at IF=2A: 0.55V

Spq: 3000pcs

Maximum RMS Voltage: 28V

Operating Temperature: -50-+125°C

Storage Temperature Range: -50-+150°C

Product Type: Electronic Component Diode

Other Names: Electrostatic Diode, Diodes

### Applications:

The SBD204D1 is made in Guangdong, China and has a maximum reverse voltage rating of 40V, making it suitable for use in low voltage applications. It has a high forward surge current rating of 50A, which makes it ideal for use in power supplies, rectification circuits, and battery charging circuits where there is a high current surge during start-up.

The SBD204D1 has a thermal resistance of 85 /W, which means it can dissipate heat efficiently and operate at high temperatures without overheating. This makes it suitable for use in high-temperature environments such as automotive and industrial applications.

The Socay SBD204D1 comes in a standard spq of 3000pcs, making it easy to source and stock. It is a reliable and cost-effective solution for high current and low voltage applications.

### Support and Services:

The Schottky Barrier Diode product offers the following technical support and services:

- Product selection assistance
- Application support and circuit design recommendations
- Customized product development
- Product data and specifications
- Technical documentation and application notes
- Product testing and quality assurance
- Product reliability and failure analysis
- Technical training and seminars
- Customer service and support

### 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 SBD204D1.

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

**A:** This Schottky Barrier Diode was manufactured in GUANGDONG, China.

**Q:** What is the maximum voltage rating of this Schottky Barrier Diode?

**A:** The maximum voltage rating of this Schottky Barrier Diode is 40V.

**Q:** What is the maximum current rating of this Schottky Barrier Diode?

**A:** The maximum current rating of this Schottky Barrier Diode is 2A.



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