



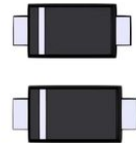
## Surface Mount Schottky Barrier Rectifiers 2A 85.C/W Low Power Loss, High Efficiency SOD-123FL

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: GUANGDONG,China
- Brand Name: Socay
- Certification: RoHS
- Model Number: SBD215D1
- Minimum Order Quantity: 3000PCS
- Price: Negotiable
- Packaging Details: Tape & Reel
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram



### Product Specification

- Maximum RMS Voltage: 105V
- Vdc: 150V
- Thermal Resistance: 85 /W
- Spq: 3000pcs
- Maximum Average Forward Rectified Current: 2.0A
- Storage Temperature Range: 0.85V
- Operating Temperature: -50-+125°C
- Vrrm: 150V
- Highlight: **Surface Mount Schottky Barrier Rectifiers,  
2A Schottky Barrier Rectifiers,  
High Efficiency Schottky Barrier Rectifiers**

## Product Description

### Product Description:

With a Vdc rating of 150V, our Schottky Barrier Diode is capable of handling moderate voltage levels in your circuits. This product comes in a Standard SPQ of 3000pcs, making it an ideal choice for bulk orders.

Our Schottky Barrier Diode boasts a Maximum Forward Voltage of 0.95V at IF=2A - a feature that ensures minimal voltage drop across the diode. This translates to higher efficiency and better performance. The Maximum Average Forward Rectified Current of 2.0A is also a standout feature, as it can handle high current levels without compromising the diode's performance.

Our product is designed to withstand high temperatures, thanks to its superior thermal design. This makes it ideal for use in high-temperature environments where other diodes may fail. The Schottky Barrier Diode's Vrrm rating of 150V also ensures that it can handle high voltage spikes, making it a reliable choice for your circuits.

Our Surface Mount Schottky Barrier Rectifiers are easy to install and feature a compact design, making them perfect for use in space-limited applications. This product is suitable for use in a wide range of electronic applications, including power supplies, converters, and inverters. With its high-performance features, our Schottky Barrier Diode is a perfect choice for DIY hobbyists and professional engineers alike.

### Features:

Product Name: Schottky Barrier Diode

Thermal Resistance: 85 /W

Spq: 3000pcs

Operating Temperature: -50-+125°C

Maximum RMS Voltage: 105V

Storage Temperature Range: -50-+150°C

Keywords: Low Voltage Rectifier Diode, Surface Mount Schottky Barrier Rectifiers

### Applications:

With an operating temperature range of -50-+125°C and a Vdc of 150V, the SBD215D1 is designed to withstand even the harshest conditions. Its maximum RMS Voltage of 105V and Maximum Forward Voltage at IF=2A of 0.95V make it an ideal choice for a wide range of scenarios.

Whether you're working on a new electronic project or need a reliable Surface Mount Schottky Barrier Rectifiers for your business, the SBD215D1 is the perfect choice. With an SPQ of 3000pcs, you can be sure that you'll always have the parts you need on hand.

So why wait? Order your Surface Mount Schottky Barrier Rectifiers today and experience the reliability and performance that only Socay can deliver!

### Support and Services:

The Schottky Barrier Diode product technical support and services include:

- Providing technical assistance and support for product selection, application, and use.
- Offering customized solutions to meet specific customer needs and requirements.
- Providing product documentation, including datasheets, application notes, and user manuals.
- Offering training and educational resources to help customers better understand the product and its applications.
- Providing warranty and repair services for any defective or malfunctioning products.

### FAQ:

#### Q: What is a Schottky Barrier Diode?

A Schottky Barrier Diode (SBD) is a semiconductor device that utilizes the Schottky barrier for rectification purposes. It is a high-speed switching diode that has lower forward voltage drop than a regular diode.

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

The brand name of this Schottky Barrier Diode is Socay.

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

The model number of this Schottky Barrier Diode is SBD215D1.

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

This Schottky Barrier Diode is manufactured in GUANGDONG, China.

#### Q: What are the applications of this Schottky Barrier Diode?

This Schottky Barrier Diode is commonly used in high-frequency rectification, voltage clamping, and other electronic circuits that require fast switching and low forward voltage drop.

