

## 5.0V ESD Suppression For Lower PF Array Application Needs

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, UL94V-0
- Model Number: SR05-4B
- Minimum Order Quantity: 3000PCS
- Price: Negotiable
- Packaging Details: Reel
- Delivery Time: To be negotiated
- Payment Terms: T/T
- Supply Ability: sufficiency




SOT-26

### Product Specification

- Vbr: 6.0V
- Rohs Compliant: Yes
- Package: SOT-26
- Junction Capacitance: 1.0 PF
- Application: SIM Ports, USB 2.0 Power And Data Line Protection
- IR (μA) (Max): 1.0μA
- V<sub>rw</sub>m-Reverse Breakdown Voltage: 5.0V
- Working Voltage: 5.0V
- Highlight: **5.0V ESD Suppression Array ,  
Lower PF ESD Suppression Array**

## Product Description

### Product Description:

[SR05-4B v2305.1.pdf](#)

With a reverse breakdown voltage of 5.0V, the ESD Array is capable of protecting sensitive electronics from high voltage transients. This attribute makes it an essential component for the reliable operation of electronic devices. Its package size of SOT-26 makes it easy to install in circuits.

The ESD Array has a maximum reverse leakage current of 1.0μA which ensures that it does not interfere with the normal functioning of the circuit. This feature allows for the smooth operation of the circuit while providing the required ESD protection.

This ESD Suppressor is designed to work under a working voltage of 5.0V, which makes it compatible with a wide range of electronic devices. With a Vbr of 6.0V, it provides sufficient headroom for protecting electronic devices from voltage transients.

In summary, the ESD Array is a high-performance ESD Protection Diodes that functions as a TVS Array for ESD suppression. Its package size of SOT-26 makes it easy to install in circuits. With a reverse breakdown voltage of 5.0V, a maximum reverse leakage current of 1.0μA, working voltage of 5.0V, and Vbr of 6.0V, it is an ideal component for the reliable operation of electronic devices.

### Features:

Product Name: ESD Array

Package: SOT-26

Junction Capacitance: 1.0 PF

Application: SIM Ports, USB 2.0 Power And Data Line Protection

Rohs Compliant: Yes

Working voltage: 5.0V

Features: Transient Voltage Suppressors for ESD Protection, Transient Voltage Suppressors for ESD Protection, ESD Protection Diodes

### Applications:

The SR05-4B is a RoHS-certified product that meets UL94V-0 standards for flammability. With a reverse breakdown voltage of 5.0V and a Vbr of 6.0V, this ESD array is designed to handle even the most intense voltage spikes and surges. It comes in a compact SOT-26 package, making it easy to integrate into your existing electronics designs.

Ordering is easy - simply place a minimum order of 3000PCS and your ESD arrays will be delivered on a reel for easy handling. Delivery time is negotiable, and payment can be made via T/T. With a supply that's always sufficient, you can trust SOCAY to provide you with the ESD protection you need, exactly when you need it.

The SOCAY SR05-4B ESD Array is perfect for a variety of product application occasions and scenarios. It's ideal for use in consumer electronics, industrial equipment, and telecommunications devices, among others. Whether you're designing new products or retrofitting existing ones, the SR05-4B is the perfect choice for reliable ESD protection.

So why wait? Order your SOCAY SR05-4B ESD Arrays today and enjoy the peace of mind that comes with knowing your electronics are protected by top-of-the-line transient voltage suppressors for ESD protection.

USB 2.0 Power and Data Line Protection

Video Graphics Cards

Monitors and Flat Panel Displays

Digit Video Interface(DVI)

10/100/1000 Ethernet

Notebook Computers

SIM Ports

ATM Interfaces

### FAQ:

**Q: What is the brand name of the ESD Array product?**

A: The brand name of the ESD Array product is SOCAY.

**Q: What is the model number of the ESD Array product?**

A: The model number of the ESD Array product is SR05-4B.

**Q: Where is the ESD Array product manufactured?**

A: The ESD Array product is manufactured in GUANGDONG, China.

**Q: What certifications does the ESD Array product have?**

A: The ESD Array product has RoHS and UL94V-0 certifications.

**Q: What is the minimum order quantity for the ESD Array product?**

A: The minimum order quantity for the ESD Array product is 3000PCS.

**Q: What is the packaging details of the ESD Array product?**

A: The ESD Array product is packaged in reels.

**Q: What is the delivery time for the ESD Array product?**

A: The delivery time for the ESD Array product is to be negotiated.

**Q: What are the payment terms for the ESD Array product?**

A: The payment terms for the ESD Array product is T/T.

**Q: What is the supply ability for the ESD Array product?**

A: The supply ability for the ESD Array product is sufficiency.



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,  
GuangDong Province, China