

## Advanced 5.5V Reverse Breakdown Voltage ESD Suppressor In SOD-323 Package For Enhanced Performance

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGDONG, China
- Brand Name: SOCAY
- Certification: RoHS
- Model Number: SE05D3V01GY
- Minimum Order Quantity: 3000PCS
- Packaging Details: Tape
- Delivery Time: To be negotiated
- Payment Terms: T/T
- Supply Ability: sufficiency



SOD-323

### Product Specification

- Color: Black
- Reverse Breakdown Voltage: 5.5V
- Junction Capacitance: 75 PF
- Package: SOD-323
- Rohs Compliant: Yes
- Clamping Voltage: 12.5V
- Material: ESD (Electrostatic Discharge) Material
- Operating Voltage: 5.0V
- Highlight: **5.5V ESD Suppressor,  
Enhanced Performance ESD Suppressor,  
SOD-323 ESD Suppressor**

## Product Description

### Product Description:

[SE05D3V01GY\\_v2307.1.pdf](#)

With a reverse breakdown voltage of 5.5V, the ESD Array provides reliable protection against electrostatic discharges. It also has a junction capacitance of 75 PF, which helps to reduce the amount of noise in the circuit. This means that the ESD Array is ideal for use in a wide range of electronic devices, including computers, mobile phones, and other portable devices.

The ESD Array is RoHS compliant, which means that it meets the European Union's Restriction of Hazardous Substances directive. This ensures that the product is free from hazardous substances such as lead, mercury, and cadmium, making it environmentally friendly and safe to use.

In addition to its superior protection capabilities, the ESD Array has a clamping voltage of 12.5V, which ensures that the voltage does not exceed the rated voltage of the circuit. This helps to prevent damage to sensitive electronic components and ensures that the device continues to function correctly.

The ESD Array is available in black, making it a perfect match for most electronic devices. Its compact size and lightweight design make it easy to install, and it can be used in a variety of applications, including PCBs, power supplies, and other electronic devices.

In conclusion, the ESD Array is an essential component in any electronic device, providing reliable protection against ESD events and other electrical surges. With its superior protection capabilities, RoHS compliance, and clamping voltage of 12.5V, it ensures optimal device performance and durability. So, if you're looking for a high-quality ESD suppressor, look no further than the ESD Array.

### Features:

Product Name: ESD Array

Material: ESD (Electrostatic Discharge) Material

Color: Black

Package: SOD-323

RoHS Compliant: Yes

Operating Voltage: 5.0V

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

### Applications:

One common use for the SE05D3V01GY is in the protection of sensitive electronic components, such as those found in medical devices or aerospace equipment. These components are often exposed to static electricity during handling or operation, which can cause irreparable damage. By installing ESD suppressors like the SE05D3V01GY, you can ensure that your devices are protected from harmful voltage spikes.

The SE05D3V01GY is also useful in the manufacturing of electronic products, where it can be incorporated into circuit boards to provide ESD protection. This is especially important for products that will be handled frequently or used in harsh environments, as they are more susceptible to damage from static electricity.

Another scenario where the SE05D3V01GY is commonly used is in the automotive industry, where it can protect sensitive electronics from voltage surges caused by the electrical system of a vehicle. This is crucial for ensuring that these devices function properly and don't suffer from premature failure.

Overall, the SOCAY SE05D3V01GY ESD Array is a versatile and reliable solution for ESD protection. With its RoHS certification, black color, and SOD-323 package, it is both environmentally friendly and easy to install. Whether you are a manufacturer of electronic products or simply looking to protect your sensitive equipment, the SE05D3V01GY is an excellent choice.

### Product Attributes:

Brand Name: SOCAY

Model Number: SE05D3V01GY

Place of Origin: GUANGDONG, China

Certification: RoHS

Minimum Order Quantity: 3000PCS

Packaging Details: Tape

Delivery Time: To be negotiated

Payment Terms: T/T

Supply Ability: Sufficiency

Package: SOD-323

Color: Black

RoHS Compliant: Yes

Reverse Breakdown Voltage: 5.5V

Clamping Voltage: 12.5V

### FAQ:

A: The brand name of this product is SOCAY.

Q: What is the model number of this product?

A: The model number of this product is SE05D3V01GY.

Q: Where is this product manufactured?

A: This product is manufactured in GUANGDONG, China.  
Q: Does this product have RoHS certification?  
A: Yes, this product has RoHS certification.  
Q: What is the minimum order quantity for this product?  
A: The minimum order quantity for this product is 3000PCS.  
Q: What is the packaging detail for this product?  
A: The packaging detail for this product is tape.  
Q: What is the delivery time for this product?  
A: The delivery time for this product is to be negotiated.  
Q: What are the payment terms for this product?  
A: The payment terms for this product are T/T.  
Q: Is the supply of this product sufficient?  
A: Yes, the supply of this product is sufficient.



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