



## 20V Bi-directional ESD Protection Array Diode 5000pcs Per Reel for Advanced Electronics

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGDONG, China
- Brand Name: SOCAY
- Certification: RoHS
- Model Number: SE05D5S01GY
- Minimum Order Quantity: 5,000 PCS
- Price: Negotiable
- Packaging Details: SOD-523
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram



### Product Specification

- Rohs Compliant: Yes
- Package: SOD-523
- Junction Capacitance: 15 PF
- Quantity Per Reel: 5,000pcs
- Operating Voltage: 5.0V
- Material: ESD (Electrostatic Discharge) Material
- Color: Black
- Highlight: **20V ESD Protection Array Diode ,  
Bi-directional ESD Array Diode**

## Product Description

### Product Description:

One of the key features of our ESD Array product provides excellent protection against electrostatic discharge. This means that your electronic devices will be well-protected from static electricity and other harmful electrical surges that can cause damage to sensitive components. In addition, the junction capacitance of 15 PF ensures that the device operates at peak performance, providing reliable and consistent protection over time.

Our ESD Array product also comes with an impressive quantity per reel of 5,000pcs, making it a cost-effective solution for large-scale manufacturing and production. Whether you're building consumer electronics or industrial machinery, this product is the perfect choice for protecting your devices from electrostatic discharge and other forms of electrical damage.

With an operating voltage of 5.0V, our ESD Array product is compatible with a wide range of electronic devices. Whether you're working with microcontrollers, sensors, or other sensitive components, this device will provide reliable and consistent protection against ESD and other forms of electrical damage.

In summary, our ESD Array product is a top-of-the-line ESD protection diode that offers superior performance, reliability, and value. Whether you're a manufacturer, a designer, or an end-user, this product is the perfect choice for protecting your electronic devices from electrostatic discharge and other forms of electrical damage. So why wait? Order your ESD Array product today and experience the peace of mind that comes with knowing your devices are well-protected!

### Features:

Product Name: ESD Array

Rohs Compliant: Yes

Small body outline dimensions: 0.063" × 0.032" (1.6×0.8 mm)

Protects one bi-directional I/O line

Low clamping voltage

Material: ESD (Electrostatic Discharge) Material

Low leakage current

Package: SOD-523

Quantity Per Reel: 5,000pcs

### Applications:

The SOCAE SE05D5S01GY ESD Array is ideally suited for use in a wide range of applications, including consumer electronics, automotive, industrial, medical, and telecommunications. The product is designed to provide reliable ESD protection for sensitive electronic components such as microprocessors, memory modules, and communication interfaces. The TVS Array is also suitable for use in portable electronic devices such as smartphones, tablets, and laptops.

The SOCAE SE05D5S01GY ESD Array is available in a reel that contains 5,000pcs of the product. The device is black in color and has an operating voltage of 5.0V. The package is SOD-523, which is a compact and easy-to-use package that is suitable for use in a wide range of applications.

This ESD Array is a reliable and cost-effective solution for protecting sensitive electronic equipment from ESD events. The device is easy to install and provides a high level of protection against electrostatic discharge. The SOCAE SE05D5S01GY ESD Array is an ideal choice for engineers and designers who need to protect sensitive electronic components from ESD events and other voltage surges.

In summary, the SOCAE SE05D5S01GY ESD Array is a highly reliable and effective solution for protecting sensitive electronic equipment from ESD events. This TVS Array is suitable for use in a wide range of applications, and its compact design makes it easy to install. If you are looking for a cost-effective and reliable solution for ESD protection, then the SOCAE SE05D5S01GY ESD Array is the perfect choice.

### Support and Services:

Our ESD Array product comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experienced professionals is available to assist with any technical issues that may arise, including installation, configuration, and troubleshooting. Additionally, we offer regular firmware updates and maintenance services to ensure that your ESD Array stays up-to-date and operates at peak performance levels.

### Packing and Shipping:

Product Packaging:

The ESD Array product will be packaged in a sturdy cardboard box to ensure safe transportation. The product will be wrapped in bubble wrap to protect it from any damage during shipping.

Shipping:

We offer free standard shipping for the ESD Array product. The product will be shipped via a reputable courier service and will arrive within 5-7 business days. For urgent orders, we offer expedited shipping at an additional cost.

### FAQ:

**Q1: What is the brand name of this ESD Array product?**

A1: The brand name of this ESD Array product is SOCAE.

**Q2: What is the model number of this ESD Array product?**

A2: The model number of this ESD Array product is SE05D5S01GY.

**Q3: Where is this ESD Array product manufactured?**

A3: This ESD Array product is manufactured in Guangdong, China.

**Q4: What is the function of this ESD Array product?**

A4: This ESD Array product is designed to protect sensitive electronic components from electrostatic discharge (ESD).

**Q5: What is the maximum voltage rating of this ESD Array product?**

A5: The maximum voltage rating of this ESD Array product is 6 volts.



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