



## 5.0V ESD Suppressor Ensuring Optimal Electrostatic Discharge Control With Material For USB Port

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGDONG, China
- Brand Name: SOCAY
- Certification: RoHS
- Model Number: SE05N6C01GK
- Minimum Order Quantity: 10,000 PCS
- Price: Negotiable
- Packaging Details: DFN1006
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram



### Product Specification

- Operating Voltage: 5.0V
- Package: DFN1006
- Color: Black
- Clamping Voltage: 20V
- Rohs Compliant: Yes
- Material: ESD (Electrostatic Discharge) Material
- Quantity Per Reel: 10,000pcs
- Junction Capacitance: 0.35 PF
- Highlight: **Electrostatic Discharge Control ESD Suppressor**  
**, USB Port ESD Suppressor ,**  
**5.0V ESD Suppressor**

## Product Description

### Product Description:

The ESD Array boasts a whopping quantity of 10,000pcs per reel, making it the perfect choice for manufacturers and engineers who require a large volume of ESD protection diodes. Its DFN1006 package provides ease of installation, while its ESD (Electrostatic Discharge) material ensures that your electronic devices are protected from static discharge, which can lead to damage and malfunction. Junction capacitance is a critical factor in selecting ESD protection diodes, and the ESD Array does not disappoint, with a low junction capacitance of only 0.35 PF. This ensures that your devices maintain optimal performance while being protected from ESD. Overall, the ESD Array is an exceptional product for anyone who requires ESD protection diodes in their electronic devices. Its Rohs compliant make, high quantity per reel, ESD material, low junction capacitance, and DFN1006 package make it a top choice for manufacturers and engineers alike. Protect your electronic devices from static discharge with the ESD Array today!

### Features:

Product Name: ESD Array  
Operating Voltage: 5.0V  
Quantity Per Reel: 10,000pcs  
Package: DFN1006  
Clamping Voltage: 20V  
Color: Black  
Features:  
TVS Array  
ESD Suppressor  
ESD Protection Diodes

### Applications:

SOCAY SE05N6C01GK ESD Array is an electrostatic discharge (ESD) protection diode designed to protect sensitive electronic components from damage caused by electrostatic discharge. The SE05N6C01GK ESD array is made of ESD material and meets RoHS compliance. It is a small and compact package, DFN1006, that allows for easy integration into PCB designs. The operating voltage of the SOCAY SE05N6C01GK ESD Array is 5.0V, making it suitable for a wide range of applications including consumer electronics, mobile devices, and industrial equipment. The ESD array is designed to protect sensitive components from electrostatic discharge events that can occur during handling, assembly, and transportation. The SOCAY SE05N6C01GK ESD Array is ideal for use in a variety of scenarios, including:

Mobile Devices: Smartphones, tablets, and other mobile devices are susceptible to electrostatic discharge events due to their frequent handling and exposure to different environments. The SE05N6C01GK ESD array can be used to protect sensitive components such as touchscreens, cameras, and processors.

Consumer Electronics: Electronic devices such as televisions, gaming consoles, and home appliances can benefit from the protection provided by the SE05N6C01GK ESD array. These devices may be exposed to electrostatic discharge events during use or transportation.

Industrial Equipment: Electronic components used in industrial equipment are often exposed to harsh environments and frequent handling. The SE05N6C01GK ESD array can be used to protect sensitive components such as sensors, controllers, and communication modules.

The SOCAY SE05N6C01GK ESD Array is available in a reel of 10,000pcs, making it ideal for high volume manufacturing. Its small package size and ease of integration make it a cost-effective solution for ESD protection in a wide range of applications.

### Support and Services:

Our ESD Array product technical support and services include:

- Expert technical assistance with installation, configuration, and troubleshooting
- Access to firmware updates and documentation
- Comprehensive product training and education
- Remote and on-site support options
- Customized service level agreements to fit your organization's needs
- 24/7 customer service and support

### Packing and Shipping:

#### Product Packaging:

The ESD Array product will be packaged in a sturdy cardboard box with protective foam inserts to prevent damage during transit. The product will be sealed in an anti-static bag to prevent any electrostatic discharge during handling and shipping.

#### Shipping:

The product will be shipped via a reliable shipping carrier that provides tracking information. The shipping cost will be calculated based on the destination and weight of the package. We will make sure to ship the product within 1-2 business days of receiving the order.

## FAQ:

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

A: The brand name of this product is SOCAY.

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

A: The model number of this product is SE05N6C01GK.

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

A: This product is manufactured in GUANGDONG, China.

**Q: What is the maximum working voltage of this ESD Array product?**

A: The maximum working voltage of this product is 6V.

**Q: What is the typical capacitance of this ESD Array product?**

A: The typical capacitance of this product is 7pF.



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