

## Advanced Low Leakage Current Surge Protection Device for TSS Diode P3500SA

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: P3500SA
- Minimum Order Quantity: 2500PCS/REEL



### Product Specification

- Component: Thyristor Surge Suppressors
- Maximum Leakage Current: Less Than 5 $\mu$ A
- Description: Thyristor Surge Suppressors (TSS)
- Tss Name: Thyristor Surge Suppressors (TSS)
- Package Size: DO-214AA/SMB
- Item: TSS DIODES
- Highlight: **TSS Diode Surge Protection Device,  
P3500SA Surge Protection Device,  
Low Leakage Current Surge Protection Device**

## Product Description

### Product Description:

The TSS comes in a DO-214AA/SMB package size, which makes it easy to install in various electronic devices. The component used in the TSS is a thyristor surge suppressor, which is a semiconductor device that is designed to limit the voltage spikes and transients that can damage electronic equipment.

The TSS diodes are ideal for use in Ethernet surge protection devices, DC surge protection devices, and other types of electrical surge protection devices. They are capable of withstanding high voltage surges and transients, and have a maximum leakage current of less than 5μA.

The TSS is a reliable and cost-effective solution for protecting electronic equipment from power surges and spikes. It is designed to absorb the energy from voltage spikes and transients, and to protect the electronic equipment from damage.

The TSS is easy to install and can be used in a variety of applications, including Ethernet surge protection devices, DC surge protection devices, and other types of electrical surge protection devices. It is a highly effective solution for protecting sensitive electronic equipment from power surges and spikes, and provides peace of mind for those who rely on electronic devices in their daily lives.

### Applications:

The SOCAP P3500SA Thyristor Surge Suppressors are particularly well-suited for use in Ethernet surge protection devices, ensuring that sensitive networking equipment is protected from voltage spikes and surges. These devices can be used in a range of Ethernet surge protection scenarios, including in industrial settings, data centers, and telecommunications equipment. They are designed to provide reliable protection against voltage spikes and surges, ensuring that networking equipment is protected against damage and downtime. The SOCAP P3500SA Thyristor Surge Suppressors are highly effective at limiting the maximum leakage current, with values less than 5μA. This makes them ideal for use in scenarios where low leakage current is critical, such as in medical equipment, aerospace applications, and other sensitive electronic systems.

The SOCAP P3500SA Thyristor Surge Suppressors come in a DO-214AA/SMB package size, making them easy to integrate into a variety of electronic systems. They are a highly reliable component, designed to provide long-lasting protection against transient voltage spikes and surges.

Overall, the SOCAP P3500SA Thyristor Surge Suppressors are an excellent choice for anyone looking for reliable surge protection devices for Ethernet surge protection devices and other sensitive electronic systems. Their high-quality design, low leakage current, and easy integration make them an ideal choice for a wide range of applications.

### FAQ:

#### Frequently Asked Questions about SOCAP Thyristor Surge Suppressors

##### **Q: What is a Thyristor Surge Suppressor?**

A: A Thyristor Surge Suppressor is a device that is used to protect electronic circuits from voltage spikes or surges. It is designed to limit the voltage that is applied to a circuit, preventing damage to sensitive components.

##### **Q: What is the model number of the SOCAP Thyristor Surge Suppressor?**

A: The model number of the SOCAP Thyristor Surge Suppressor is P3500SA.

##### **Q: Where is the SOCAP Thyristor Surge Suppressor made?**

A: The SOCAP Thyristor Surge Suppressor is made in Shenzhen, Guangdong, China.

##### **Q: Does the SOCAP Thyristor Surge Suppressor have any certifications?**

A: Yes, the SOCAP Thyristor Surge Suppressor is REACH, RoHS, and ISO certified.

##### **Q: What is the minimum order quantity for the SOCAP Thyristor Surge Suppressor?**

A: The minimum order quantity for the SOCAP Thyristor Surge Suppressor is 2500PCS/REEL.

