



## TSS Diode P1800SA for Effective Surge Suppression Max Leakage Current Less Than 5uA

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: P1800SA
- Minimum Order Quantity: 2500PCS/REEL



### Product Specification

- Description: Thyristor Surge Suppressors (TSS)
- Item: TSS DIODES
- Maximum Leakage Current: Less Than 5μA
- Tss Name: Thyristor Surge Suppressors (TSS)
- Component: Thyristor Surge Suppressors
- Package Size: DO-214AA/SMB
- Highlight: **Effective Surge Suppression TSS Diode P1800SA**  
**, 5uA TSS Diode P1800SA**

## Product Description

### Product Description:

One of the most important features of TSS is its maximum leakage current, which is less than 5 $\mu$ A. This ensures that the device does not interfere with the normal operation of the equipment it is protecting and does not consume excessive amounts of power. This low leakage current also ensures that the device does not generate excessive heat, which can damage the equipment it is protecting.

TSS diodes are a specific type of thyristor surge suppressor that is commonly used to protect Ethernet surge protection devices. Ethernet surge protection devices are used to protect network equipment from power surges and transients that can be caused by lightning strikes or other electrical disturbances. TSS diodes are designed to handle high voltage and high current surges that can be caused by these types of events.

When choosing a TSS diode, it is important to consider the specific requirements of the equipment being protected. Different equipment will have different voltage and current requirements, and different types of TSS diodes will be better suited to different types of equipment. It is also important to consider the environment in which the equipment is located. Equipment that is located in an area with a high risk of lightning strikes will require a more robust TSS diode than equipment located in an area with a lower risk of lightning strikes.

Overall, Thyristor Surge Suppressors (TSS) are an important component of surge protection devices that are used to protect sensitive electronics from power surges and transients. TSS diodes are a specific type of thyristor surge suppressor that is commonly used to protect Ethernet surge protection devices. When choosing a TSS diode, it is important to consider the specific requirements of the equipment being protected and the environment in which the equipment is located.

### Applications:

The P1800SA is a DC Surge Protection Device that is suitable for a variety of applications, including power supplies, motor control circuits, and LED lighting systems, among others. It is especially useful in applications where electrical surges are common, such as industrial and commercial settings. The TSS diodes are designed to be used in conjunction with other electrical surge protection devices to provide comprehensive protection against transient voltage spikes and other electrical disturbances.

The P1800SA is manufactured in Shenzhen, Guangdong, China, and is certified to meet REACH, RoHS, and ISO standards. The minimum order quantity for this product is 2500PCS/REEL, and it is available in a DO-214AA/SMB package size.

Thyristor Surge Suppressors are an essential component in any electrical surge protection system. They are designed to provide reliable protection against voltage spikes and other electrical disturbances that could damage sensitive electronic components. The SOCAP P1800SA is a high-quality TSS diode that provides effective surge protection in a wide range of applications. Whether you are protecting power supplies, motor control circuits, or LED lighting systems, the P1800SA is an excellent choice for ensuring reliable and consistent electrical surge protection.

### Customization: Product Customization Services for Thyristor Surge Suppressors (TSS) - SOCAP

#### P1800SA

Our Thyristor Surge Suppressors (TSS) - SOCAP P1800SA can be customized according to your specific needs. We offer the following customization services:

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Model Number: P1800SA

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Package Size: DO-214AA/SMB

Item: TSS DIODES

TSS Name: Thyristor Surge Suppressors (TSS)

Maximum Leakage Current: Less Than 5 $\mu$ A

Thyristor Surge Suppressors (TSS) are highly effective DC surge protection devices that are ideal for use in a wide range of applications, including Ethernet surge protection devices. Our experienced team of engineers will work closely with you to develop the perfect solution to meet your specific requirements.

### FAQ:

**Q: What is the brand name of the thyristor surge suppressors?**

A: The brand name of the thyristor surge suppressors is SOCAP.

**Q: What is the model number of the thyristor surge suppressors?**

A: The model number of the thyristor surge suppressors is P1800SA.

**Q: Where are the thyristor surge suppressors manufactured?**

A: The thyristor surge suppressors are manufactured in Shenzhen, Guangdong, China.

**Q: What certifications do the thyristor surge suppressors have?**

A: The thyristor surge suppressors have REACH, RoHS, and ISO certification.

**Q: What is the minimum order quantity for the thyristor surge suppressors?**

A: The minimum order quantity for the thyristor surge suppressors is 2500PCS/REEL.

