



## SOCAY TSS Diodes P1800TA 10/700μS 2KV Low Voltage Overshoot Thyristor Surge Suppressors

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: P1800TA
- Minimum Order Quantity: 5000PCS/REEL



### Product Specification

- Tss Name: Thyristor Surge Suppressors (TSS)
- Item: TSS DIODES
- Component: Thyristor Surge Suppressors
- Description: Thyristor Surge Suppressors (TSS)
- Maximum Leakage Current: Less Than 5μA
- Package Size: DO-214AC/SMA
- Highlight: **2KV Thyristor Surge Suppressors, Low Voltage Overshoot Thyristor Surge Suppressors, P1800TA Thyristor Surge Suppressors**

## Product Description

### Product Description:

Thyristor Surge Suppressor (TSS) P1800TA is designed to provide superior performance and reliability under high surge current conditions. TSS DIODES are a type of Thyristor Surge Suppressors that come in a DO-214AC/SMA package size. These components are made up of a thyristor and a zener diode, which work together to provide protection against voltage surges. The Thyristor Surge Suppressors work by clamping the voltage to a safe level when a surge occurs. The thyristor conducts current during the surge, while the zener diode maintains a constant voltage. Together, they provide a fast response time and high surge capability. TSS DIODES are commonly used in power supplies, motor control, and other industrial applications. They are also used in telecommunication systems, medical equipment, and automotive electronics. The small package size of DO-214AC/SMA makes them suitable for space-constrained applications.

Thyristor Surge Suppressors (TSS) offer several advantages over other surge protection devices. They are low cost, have a high surge capability, and are easy to install. They also have a longer lifespan compared to other devices, making them a cost-effective solution for protecting sensitive equipment.

In conclusion, Thyristor Surge Suppressors (TSS) are an essential component in protecting sensitive electronic equipment from voltage surges and transients. TSS DIODES are a type of Thyristor Surge Suppressors that come in a DO-214AC/SMA package size and are used in a variety of industrial and electronic applications. They offer superior performance, reliability, and cost-effectiveness compared to other surge protection devices.

### Applications:

The TSS diodes are ideal for use in a variety of applications, including power supplies, automotive electronics, industrial controls, telecommunications equipment, and more. They are designed to provide optimal protection against voltage transients and overvoltage conditions, ensuring that sensitive electronic components and circuits are not damaged by electrical surges.

The Thyristor Surge Suppressors can be used in a wide range of scenarios, including power distribution systems, telecommunications networks, and industrial control systems. They are also suitable for use in residential and commercial electrical systems to protect sensitive electronic devices such as computers, TVs, and home theater systems from power surges.

The TSS diode P1800TA comes in a DO-214AC/SMA package size and have a maximum leakage current of less than 5 $\mu$ A, making them highly efficient in protecting against electrical surges. They are available for purchase with a minimum order quantity of 5000PCS/REEL. Overall, if you are looking for a reliable and efficient surge protection device for your sensitive electronic equipment, the Thyristor Surge Suppressors from SOCAY are an ideal choice. Their high-quality construction, low leakage current, and certification by REACH, RoHS, and ISO make them a top choice for anyone in need of surge protection.

### FAQ:

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

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 P1800TA.

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

A: This product is manufactured in **Shenzhen, Guangdong, China**.

**Q: Does this product have any certifications?**

A: Yes, this product has **REACH, RoHS, and ISO** certifications.

**Q: What is the minimum order quantity for this product?**

A: The minimum order quantity for this product is **5000PCS/REEL**.



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