

## 5 $\mu$ A TSS Diodes P0300TA Providing Surge Protection For Electrical Components

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: P0300TA
- Minimum Order Quantity: 5000PCS/REEL



### Product Specification

- Maximum Leakage Current: Less Than 5 $\mu$ A
- Tss Name: Thyristor Surge Suppressors (TSS)
- Package Size: DO-214AC/SMA
- Item: TSS DIODES
- Vt @ 2.2A: 4V Max
- Vdrm: 25V Min
- Highlight: **Electrical Components TSS Diodes,  
5 $\mu$ A TSS Diodes, P0300TA TSS Diodes**

## Product Description

### Product Description:

These devices are designed to provide high-power surge protection in a compact and lightweight package. The TSS diodes are available in DO-214AC/SMA packages, making them easy to install in a wide range of applications. These devices are also available in different voltage ratings to suit different applications.

The TSS diodes are constructed using high-quality materials that ensure long-term reliability and performance. These devices are designed to provide excellent clamping performance, which means they can suppress fast-rising transients without introducing significant voltage overshoot. This makes them ideal for protecting sensitive electronic equipment from damaging electrical surges.

The TSS diodes are also designed to provide low-leakage performance, which means they can protect sensitive electronics from low-level transients that can cause long-term damage. The low-leakage performance of these devices is achieved through advanced manufacturing processes and high-quality materials.

The TSS diodes are also designed to provide high-temperature performance, which means they can operate reliably in high-temperature environments. This makes them ideal for use in applications where high-temperature performance is required, such as in industrial environments.

Overall, the TSS diodes are an essential component of electrical surge protection devices, providing reliable and efficient surge protection in a compact and lightweight package. These devices are highly versatile and can be used in a wide range of applications, including power supplies, communication systems, and industrial equipment.

### Applications:

SOCAY's Thyristor Surge Suppressors (TSS) Model Number P0080TA is a surge protection device that helps to protect sensitive equipment from the damaging effects of electrical surges and spikes. It is designed to suppress the transient voltage spikes that can occur in power supply lines, communication lines, and other electronic circuits.

The Thyristor Surge Suppressors (TSS) are an essential component for applications that require high reliability and protection against voltage surges. It is widely used in the following product application occasions and scenarios:

[Industrial control systems](#)

[Telecommunications equipment](#)

[Medical equipment](#)

[Consumer electronics](#)

[Automotive electronics](#)

[Security systems](#)

The SOCAY Thyristor Surge Suppressors (TSS) are manufactured in Shenzhen, Guangdong, China and are certified with REACH, RoHS, and ISO. The minimum order quantity for this product is 5000PCS/REEL.

The package size for the TSS is DO-214AC/SMA, making it easy to install in a variety of applications. The TSS Diodes are a type of thyristor surge suppressor that is designed to provide high surge current protection and low on-state voltage.

Overall, the Thyristor Surge Suppressors (TSS) from SOCAY are an essential component for any electronic system that requires protection against voltage surges. With its high reliability and excellent surge protection capabilities, it is the ideal choice for any application that demands the highest level of protection for sensitive electronic equipment.

### FAQ:

**Q: What is the brand name of this Thyristor Surge Suppressor?**

A: The brand name of this Thyristor Surge Suppressor is SOCAY.

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

A: The model number of this Thyristor Surge Suppressor is P0300TA.

**Q: Where is this Thyristor Surge Suppressor made?**

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

**Q: What certifications does this Thyristor Surge Suppressor have?**

A: This Thyristor Surge Suppressor has REACH, RoHS, and ISO certifications.

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

A: The minimum order quantity for this Thyristor Surge Suppressor is 5000PCS/REEL.



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