



## P0640TB Thyristor Surge Suppressors For Voltage Protection 77V Max. Surge Capacity

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: P0640TB
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- VDRM: 58V Min.
- Product Name: Thyristor Surge Suppressors (TSS)
- C0@1MHz, 2Vbias: 80pF Typ.
- Description: Thyristor Surge Suppressors (TSS)
- Package Size: DO-214AC/SMA
- Abbreviation: TSS DIODES
- Surge Ratings: 3/4KV(10/700μs)
- VS@100V/μS: 77V Max.
- Highlight: **Voltage Protection Thyristor Surge Suppressors**  
**, P0640TB Thyristor Surge Suppressors ,**  
**P0640TB**

## Product Description

### P0640TB Thyristor Surge Suppressors For Voltage Protection 77V Max. Surge

#### Capacity

**DATASHEET:** [PXXX0TB\\_v2101.2.pdf](#)

#### Product Description:

The TSS Diodes are commonly used in applications that require high surge current handling capabilities, such as Ethernet Surge Protection Devices, and in power supply systems, industrial equipment, and automotive electronics. The TSS devices are designed to protect against surges caused by lightning strikes, power-line disturbances, and other sources of electrical interference.

The TSS Diodes are available in a compact DO-214AC/SMA package size, making them easy to install and integrate into various electronic systems. The TSS Diodes offer a maximum  $VS@100V/\mu S$  rating of 77V, providing superior protection against surge currents and voltage transients.

The TSS Diodes are reliable and durable, designed to withstand harsh environmental conditions and operate in extreme temperatures. The TSS Diodes are tested and certified to meet the highest industry standards, ensuring optimal performance and protection against electrical surges.

Key Features:

Thyristor Surge Suppressors (TSS)

Also known as DC Surge Protection Devices

Designed to limit voltage and current levels of transient surges

Protects against surges caused by lightning strikes, power-line disturbances, and other sources of electrical interference

Available in a compact DO-214AC/SMA package size

Maximum  $VS@100V/\mu S$  rating of 77V

Reliable and durable, designed to withstand harsh environmental conditions

Tested and certified to meet the highest industry standards

Overall, the Thyristor Surge Suppressors (TSS) are an excellent choice for anyone looking to protect their electronic equipment against the damaging effects of electrical surges. With their compact design, superior performance, and high surge current handling capabilities, the TSS Diodes are an ideal solution for a wide range of applications, including Ethernet Surge Protection Devices, power supply systems, industrial equipment, and automotive electronics.

#### Features:

Product Name: Thyristor Surge Suppressors (TSS)

Surge Ratings: 3/4KV(10/700 $\mu s$ )

$VS@100V/\mu S$ : 77V Max.

VDRM: 58V Min.

$C0@1MHz$ , 2Vbias: 80pF Typ.

Provides surge protection for Ethernet Surge Protection Devices, DC Surge Protection Device, Surge Protection Device

#### Technical Parameters:

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Abbreviation       | TSS DIODES                                                                          |
| Package Size       | DO-214AC/SMA                                                                        |
| $C0@1MHz$ , 2Vbias | 80pF Typ.                                                                           |
| VDRM               | 58V Min.                                                                            |
| $VS@100V/\mu S$    | 77V Max.                                                                            |
| Product Name       | Thyristor Surge Suppressors (TSS)                                                   |
| Surge Ratings      | 3/4KV(10/700 $\mu s$ )                                                              |
| Description        | Surge Protection Device, Thyristor Surge Suppressors (TSS), Surge Protection Device |

#### Applications:

The SOCA Y TSS diodes have a  $VS@100V/\mu S$  rating of 77V Max, which makes them ideal for use in a variety of scenarios. These diodes can be used in applications that require surge suppression and voltage clamping in power supplies, AC/DC converters, and other electronic systems. They are also suitable for use in telecom equipment, data lines, medical devices, and industrial control systems.

The TSS diodes are certified with REACH, RoHS, and ISO, which assures you of their quality and safety. They come in a DO-214AC/SMA package size, which makes them easy to install. The minimum order quantity for these devices is 5000PCS/REEL, and the packaging details are also DO-214AC(SMA).

Thyristor Surge Suppressors are an essential component in any electronic system. With the SOCA Y TSS diodes, you can protect your equipment from voltage transients and power surges. They are a reliable and cost-effective solution to ensure the safety and longevity of your electronic devices.

Choose SOCA Y's Thyristor Surge Suppressors (TSS) for all your DC surge protection device needs. Protect your equipment and ensure

its longevity with these reliable and cost-effective devices.

### Customization:

Brand Name: SOCAY

Model Number: P0640TB

Place of Origin: Shenzhen, Guangdong, China

Certification: REACH, RoHS, ISO

Minimum Order Quantity: 5000PCS/REEL

Packaging Details: DO-214AC(SMA)

Abbreviation: TSS DIODES

Description: Our Thyristor Surge Suppressors (TSS) act as Surge Protection Devices for Ethernet Surge Protection Devices.

Product Name: Thyristor Surge Suppressors (TSS)

Package Size: DO-214AC/SMA

C0@1MHz, 2Vbias: 80pF Typ.

### FAQ:

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

A: The brand name of this product is SOCAY.

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

A: The model number of this product is P0640TB.

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

A: This product is made in Shenzhen, Guangdong, China.

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

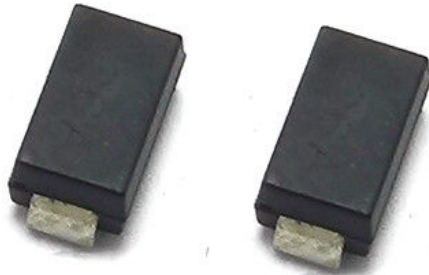
A: This product has REACH, RoHS, and ISO certifications.

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

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

**Q: What are the packaging details for this Thyristor Surge Suppressor?**

A: The packaging details for this product is DO-214AC(SMA).



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