



## 60pF Typ. C0 1MHz VS 100V/μS 160V Max. TSS DIODES P1300TB With 120V Surge Ratings

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH,RoHS,ISO
- Model Number: P1300TB
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Product Name: Thyristor Surge Suppressors (TSS)
- Abbreviation: TSS DIODES
- VDRM: 120V Min.
- C0@1MHz, 2Vbias: 60pF Typ.
- VS@100V/μS: 160V Max.
- Description: Thyristor Surge Suppressors (TSS)
- Surge Ratings: 3/4KV(10/700μs)
- Package Size: DO-214AC/SMA
- Highlight: **TSS DIODES P1300TB,  
120V Surge Ratings TSS DIODES,  
160V Max. TSS DIODES**

## Product Description

60pF Typ. C0 1MHz VS 100V/μS 160V Max. TSS DIODES P1300TB With 120V Surge

### Ratings

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

### Product Description:

The TSS product is designed to provide reliable protection against electrical surges and transients. It has a VDRM rating of 120V minimum, which ensures that the device can withstand high voltage spikes without being damaged. Additionally, the TSS has a C0@1MHz, 2Vbias rating of 60pF typ., which means that it can effectively suppress high-frequency noise and interference that can damage sensitive electronic components.

The TSS product is a DC surge protection device that is ideal for use in a wide range of electronic applications, including telecommunications, industrial automation, and power distribution systems. It can be used to protect a variety of electronic devices, including microprocessors, power supplies, and communication equipment, from damage caused by electrical surges and transients. In summary, the Thyristor Surge Suppressors (TSS) are electrical surge protection devices that provide reliable protection against electrical surges and transients. They are available in a DO-214AC/SMA package size and have surge ratings of 3/4KV (10/700μs). The TSS product has a VDRM rating of 120V minimum and a C0@1MHz, 2Vbias rating of 60pF typ., making it an ideal choice for protecting sensitive electronic equipment from damage caused by electrical disturbances.

### Features:

Product Name: Thyristor Surge Suppressors (TSS)

Surge Ratings: 3/4KV(10/700μs)

VS@100V/μS: 160V Max.

Package Size: DO-214AC/SMA

Description: Thyristor Surge Suppressors (TSS)

Keywords: Thyristor Surge Suppressors, DC Surge Protection Device, Electrical Surge Protection Devices

### Technical Parameters:

Description	Thyristor Surge Suppressors (TSS)
Abbreviation	TSS DIODES
Package Size	DO-214AC/SMA
C0@1MHz, 2Vbias	60pF Typ.
VDRM	120V Min.
VS@100V/μS	160V Max.
Surge Ratings	3/4KV(10/700μs)
Product Name	Thyristor Surge Suppressors (TSS)

Keywords: Ethernet Surge Protection Devices, Ethernet Surge Protection Devices, DC Surge Protection Device

### Applications:

Our TSS diodes, model number P1300TB, are designed and manufactured in Shenzhen, Guangdong, China with the utmost attention to quality and performance. They are certified to meet REACH, RoHS, and ISO standards, ensuring compliance with environmental regulations and quality management practices.

Our TSS diodes are the perfect surge protection device for a variety of applications and scenarios. Here are just a few:

Network equipment: Protect your important network equipment, such as routers, switches, and modems, from damage caused by power surges.

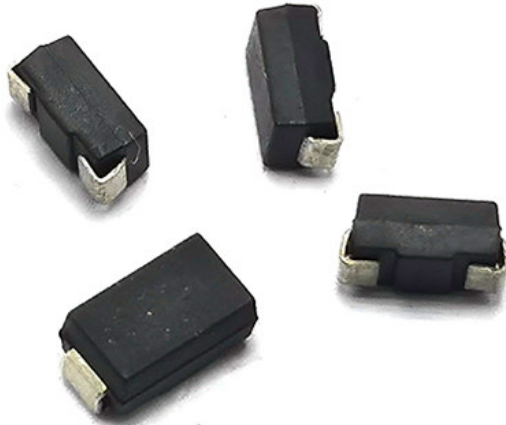
Telecommunications: Keep your telephone and communication lines safe from voltage spikes and surges.

Industrial control systems: Protect your sensitive industrial control systems from electrical noise and interference.

Our TSS diodes feature a C0@1MHz, 2Vbias of 60pF Typ. and VS@100V/μS of 160V Max., making them a reliable and efficient choice for surge protection. They are available in DO-214AC(SMA) packaging and can be ordered in quantities of 5000PCS/REEL or more. Don't take chances with your valuable equipment. Invest in SOCAY's Thyristor Surge Suppressors for reliable and effective surge protection.

### Customization:

Our TSS DIODES provide Ethernet Surge Protection Devices, Surge Protection Device, and DC Surge Protection Device. With VS@100V/μS of 160V Max. and C0@1MHz, 2Vbias of 60pF Typ., our surge ratings are 3/4KV(10/700μs).



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