



## SOCAY PPTC Resettable Fuse 250Vdc SC250-050CW1D Radial Lead Resettable Polymer PTCs

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SC250-050CW1D
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Radial Lead
- I Hold: 0.05A
- I Trip: 0.1A
- V Max: 250Vdc
- I Max: 3.0A
- P Dtyp.: 1.0W
- Current: 0.25A
- Time: 10.0S
- R Min: 14.0Ω
- R1 Max: 51.0Ω
- Highlight: **SC250-050CW1D PPTC Resettable Fuse,  
Radial Lead PPTC Resettable Fuse,**

## Product Description

### SOCAY PPTC Resettable Fuse 250Vdc SC250-050CW1D Radial Lead Resettable Polymer PTCs

**PPTC Resettable Fuse DATASHEET: [SC250-050CW1D\\_v2209.1.pdf](#)**

#### Product Description:

Our Leaded PPTC Resettable Fuse has a maximum resistance of R1 and can handle a maximum current of 3.0A, ensuring that your device remains protected from overcurrents and short circuits. This fuse is designed for surface mount applications, making it easy to install and use. Additionally, this fuse has a trip current of 0.1A, which means that it can quickly and effectively respond to overcurrent events, further safeguarding your device from damage.

Our Leaded PPTC Resettable Fuse is available in a radial lead package, which makes it easy to install and maintain. The radial lead design ensures that the fuse stays securely in place, even in high-vibration environments, providing a reliable and long-lasting solution for your circuit protection needs.

Overall, our Leaded PPTC Resettable Fuse is an excellent choice for anyone looking for a high-quality, reliable, and easy-to-use circuit protection solution. Whether you're an engineer working on a new product or a technician repairing an existing device, this fuse is sure to meet your needs and exceed your expectations. So why wait? Order your Leaded PPTC Resettable Fuse today and experience the peace of mind that comes with knowing your device is protected.

#### Features:

Product Name: PPTC Resettable Fuse

Component Name: PPTC Resettable Fuse

Type: Radial Lead

The resistance of the material is sensitive to both current and temperature. As the temperature increases, the resistance also increases, and vice versa.

The response speed of the PPTC is relatively slow, typically on the order of tens of milliseconds or even seconds, which is directly proportional to the magnitude of the current flowing through the PPTC.

The property of self-recovery allows for the repeated application of the circuit within its rated range of use.

In its normal operating state, the PPTC exhibits a low resistance and has minimal impact on the circuit.

When applied, PPTC is connected in series to the circuit.

#### Technical Parameters:

Component Name	PPTC Resettable Fuse
I hold	0.05A
I trip	0.1A
V max	250Vdc
I max	3.0A
P dtyp.	1.0W
Current	0.25A
Time	10.0S
Rmin	14.0Ω
R1 max	51.0Ω

#### Applications:

The SOCAY SC250-050CW1D PPTC resettable fuse can be used in a variety of product applications and scenarios. For example, the SC250-050CW1D can be used in power supplies, battery chargers, and other electronics that require protection against overcurrent conditions.

The SC250-050CW1D PPTC resettable fuse is a surface mount device, which makes it easy to install and use. Additionally, the SC250-050CW1D is available in different package sizes, making it easy to integrate into your product design.

The minimum order quantity for the SSC250-050CW1D PPTC resettable fuse is 5000pcs, and the price is negotiable. The delivery time for the SC250-050CW1D PPTC resettable fuse is 5-8 work days.

In addition to the surface mount PPTC resettable fuse, SOCAY also offers leaded PPTC resettable fuses and radial leaded PPTC resettable fuses. These products are also certified by UL, REACH, RoHS, and ISO, and offer the same reliable protection for your product needs.

In summary, the SC250-050CW1D PPTC resettable fuse is a reliable and safe choice for your product needs. With its high current protection and easy installation, the SC250-050CW1D PPTC resettable fuse is perfect for a variety of product applications and scenarios.

## FAQ:

### Frequently Asked Questions about SOCAY SC250-050CW1D PPTC Resettable Fuse:

**Q: What is a PPTC resettable fuse?**

A PPTC resettable fuse is a type of overcurrent protection device that uses a polymer material to limit the current flow in a circuit. It is designed to automatically reset when the fault is cleared.

**Q: What is the brand name of the PPTC resettable fuse?**

The brand name of the PPTC resettable fuse is SOCAY.

**Q: What is the model number of the PPTC resettable fuse?**

The model number of the PPTC resettable fuse is SC250-050CW1D.

**Q: What certifications does the PPTC resettable fuse have?**

The PPTC resettable fuse is certified by UL, REACH, RoHS, and ISO.

**Q: What is the minimum order quantity for the PPTC resettable fuse and what is the delivery time?**

The minimum order quantity for the PPTC resettable fuse is 5000pcs and the delivery time is 5-8 work days. The price is negotiable.



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,  
GuangDong Province, China