

## SOCAY PTC Polymer Multifuse SC135-500CW0B Radial Resettable Fuse for Circuit Protection

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SC135-500CW0B
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Radial Lead
- I Hold: 0.5A
- I Trip: 1.0A
- V Max: 130Vdc
- I Max: 10A
- P Dtyp.: 1.0W
- Current: 1.5A
- Time: 15.0S
- R Min: 0.5Ω
- R Max: 1.6Ω
- R1 Max: 3.5Ω
- Highlight: Radial Resettable Fuse PTC Polymer Multifuse

## Product Description

### SOCAY PTC Polymer Multifuse SC135-500CW0B Radial Resettable Fuse for Circuit Protection

**PPTC Resettable Fuse DATASHEET:SC135-500CW0B\_v204.1.pdf**

#### Product Description:

One of the key features of the PPTC Resettable Fuse is its radial leaded design. This allows for easy installation and replacement in a variety of applications, including consumer electronics, automotive systems, and industrial equipment.

With its R max capability, this fuse can handle high current surges and provide reliable protection for sensitive electronic components. The PPTC Resettable Fuse also has a V max rating of PTC Polymer, which means it can withstand high voltage levels without compromising its performance.

In addition to its robust protection capabilities, the PPTC Resettable Fuse is also designed for surface mount applications. This makes it an ideal choice for space-constrained designs and applications where PCB real estate is at a premium.

Overall, the Radial Leaded PPTC Resettable Fuse is a versatile and dependable component that offers superior protection and easy installation in a wide range of applications. Whether you are designing a new electronic device or replacing a faulty fuse in an existing system, the PPTC Resettable Fuse is an excellent choice for your circuit protection needs.

#### Features:

RoHS Compliant and Halogen-Free

Radial leaded Devices

Cured, flame retardant epoxy polymer insulating material

meets UL94V-0 requirements

Operation Current: 0.50A, Maximum Voltage: 130Vdc,

Operating Temperature: -40 to +85

#### Technical Parameters:

| Component Name | PPTC Resettable Fuse |
|----------------|----------------------|
| I hold         | 0.5A                 |
| I trip         | 1.0A                 |
| V max          | 130Vdc               |
| I max          | 10A                  |
| P dtyp.        | 1.0W                 |
| Current        | 1.5A                 |
| Time           | 15.0S                |
| Rmin           | 0.5Ω                 |
| R max          | 1.6Ω                 |
| R1 max         | 3.5Ω                 |

#### Electrical Parameters

| Part Number   | I hold (A) | I trip (A) | V max (Vdc) | I max (A) | P dtyp (W) | Maximum Time To Trip |          | Resistance |           |           |
|---------------|------------|------------|-------------|-----------|------------|----------------------|----------|------------|-----------|-----------|
|               |            |            |             |           |            | Current (A)          | Time (S) | R min (Ω)  | R max (Ω) | R1max (Ω) |
| SC135-500CW0B | 0.50       | 1.00       | 130         | 10        | 1.0        | 1.50                 | 15.00    | 0.50       | 1.60      | 3.50      |

I hold= Hold current: maximum current at which the device will not trip at 25°C still air.

I trip= Trip current: minimum current at which the device will always at 25°C still air.

V max= Maximum voltage device can withstand without damage at rated current.

I max= Maximum fault current device can withstand without damage at rated voltage.

T trip=Maximum time to trip(s) at assigned current.

P dtyp= Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

R min= Minimum device resistance at 25°C prior to tripping.

R max= Maximum device resistance at 25°C prior to tripping.

R1max= Maximum resistance of device at 25°C measured one hour after tripping.

Caution: Operation beyond the specified rating may result in damage and possible arcing and flame.

#### Applications:

Designed for a wide range of applications, the SOCAY SC135 PPTC Resettable Fuse is the perfect choice for protecting your electronic devices from overcurrent, overvoltage, and short-circuit events. With a minimum order quantity of 5000pcs, this fuse is highly customizable and can be tailored to your specific needs.

Whether you need a radial leaded PPTC resettable fuse for consumer electronics, automotive applications, or industrial machinery, the SOCAY SC135 PPTC Resettable Fuse is up to the task. Its compact size and high reliability make it ideal for a wide range of product

application occasions and scenarios.

With a wide range of I hold capabilities, from 0.5A to 1A, the SOCAY SC135 PPTC Resettable Fuse is the perfect choice for any application that requires a high level of protection against overcurrent events. And with its radial leaded package, this fuse is easy to install and can be integrated into your existing product design with ease.

So if you're looking for a high-quality, reliable, and customizable radial leaded PPTC resettable fuse, look no further than the SOCAY SC135 PPTC Resettable Fuse. With a negotiable price and delivery time of just 5-8 work days, you can get the protection you need for your electronic devices without breaking the bank or waiting weeks for delivery.

## FAQ:

**Q1: What is the brand name of the PPTC Resettable Fuse?**

A1: The brand name of the PPTC Resettable Fuse is SOCAY.

**Q2: What is the model number of the PPTC Resettable Fuse?**

A2: The model number of the PPTC Resettable Fuse is SC135-500CW0B.

**Q3: Where is the PPTC Resettable Fuse manufactured?**

A3: The PPTC Resettable Fuse is manufactured in Shenzhen, Guangdong, China.

**Q4: What certifications does the PPTC Resettable Fuse have?**

A4: The PPTC Resettable Fuse is certified by UL, REACH, RoHS, and ISO.

**Q5: What is the minimum order quantity for the PPTC Resettable Fuse and its delivery time?**

A5: The minimum order quantity for the PPTC Resettable Fuse is 5000pcs and the delivery time is 5-8 work days. The price is negotiable.



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