



## SOCAY Surface Mount PPTC Resettable Fuse SCF030-16-0805RB PTCs

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: SCF030-16-0805RB
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Surface Mount
- I Hold: 0.3A
- I Trip: 0.75A
- V Max: 16Vdc
- I Max: 40A
- P Dtyp.: 0.5W
- Current: 8.0A
- Time: 0.1Sec.
- R Min: 0.2Ω
- R 1max: 1.2Ω
- Highlight: Surface Mount PPTC Resettable Fuse,  
SCF030-16-0805RB PPTC Resettable Fuse,

## Product Description

### SOCAY Surface Mount PPTC Resettable Fuse SCF030-16-0805RB PTCs

**PPTC Resettable Fuse DATASHEET:** [SCF030-16-0805RC\\_v910.1.pdf](#)

#### Product Description:

The PPTC Resettable Fuse is available in a range of current ratings from 0.3A to 0.75A. It is designed to hold the rated current without opening the circuit. However, if the current exceeds the rated value, the PPTC Resettable Fuse trips and opens the circuit to protect the device from damage.

The PPTC Resettable Fuse has a trip current rating of 0.75A. This means that it can withstand a surge current of up to 0.75A without tripping. This feature makes it ideal for applications where there is a possibility of high surge currents.

The PPTC Resettable Fuse is available in a surface mount package. This means that it can be easily mounted on the surface of a PCB, making it ideal for applications where space is limited. The surface mount package also ensures that the component is securely attached to the PCB, reducing the risk of damage to the component.

The PPTC Resettable Fuse is made of PTC polymer, which is a type of thermistor that exhibits a sharp increase in resistance when its temperature exceeds a certain value. This feature is what makes the PPTC Resettable Fuse a resettable device. When the current in the circuit exceeds the rated value, the temperature of the PTC polymer increases, causing the resistance to increase and the circuit to open. Once the current is removed, the PTC polymer cools down, and the resistance decreases, allowing the circuit to close again.

The PPTC Resettable Fuse is also available in a radial-leaded package. The radial-leaded PPTC Resettable Fuse is designed to be used in applications where the component needs to be mounted vertically. The radial-leaded package also makes it easy to replace the component if it fails.

The PPTC Resettable Fuse is a reliable and cost-effective protection device for electronic circuits. It is designed to protect devices from overcurrent and overvoltage conditions, making it ideal for a wide range of applications. Whether you need a surface mount or radial-leaded PPTC Resettable Fuse, you can be sure that you are getting a high-quality component that will provide reliable protection for your circuit.

#### Features:

Product Name: PPTC Resettable Fuse

Resettable over current and over temperature protection

Low resistance

Small size of 0805u Fast time-to-trip

Small footprint RoHS compliant

#### Technical Parameters:

| Component Name | PPTC Resettable Fuse |
|----------------|----------------------|
| Package        | Surface Mount        |
| I Hold         | 0.3A                 |
| I Trip         | 0.75A                |
| V Max          | 16.0Vdc              |
| I Max          | 40.0A                |
| P dtyp.        | 0.5W                 |
| Current        | 8.0A                 |
| Time           | 0.1 Sec.             |
| R Min          | 0.20Ω                |
| R1 Max         | 1.20Ω                |

#### Applications:

Made in Shenzhen, Guangdong, China, this product is certified by UL, REACH, RoHS, and ISO, ensuring its quality and safety. With a minimum order quantity of 5000pcs and a negotiable price, this product is perfect for both individual and commercial use.

The SOCAY 0805 PPTC Resettable Fuse is designed to protect your devices from overcurrent and overtemperature events. Its I trip of 100A and time of surface mount make it an ideal choice for various applications.

This PPTC Resettable Fuse has a component name of PTC Polymer and a maximum resistance (I max) of 1.2Ω, making it efficient and reliable. It is available in three different types: Leaded PPTC Resettable Fuse, Radial Lead PPTC Resettable Fuse, and Radial Lead PPTC Resettable Fuse. This makes it easy to choose the one that best suits your needs.

The SOCAY 0805 PPTC Resettable Fuse is perfect for various application occasions and scenarios. It can be used in various electronic devices, including power supplies, computers, telecommunication equipment, and more. It is also suitable for battery packs, motors, and transformers.

If you need a high-quality PPTC Resettable Fuse that is reliable and efficient, the SOCAY 0805 PPTC Resettable Fuse is an excellent choice. With a delivery time of 5-8 work days, you can get your hands on this product in no time. Order now and protect your devices from

overcurrent and overtemperature events!

## FAQ:

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

A1: The brand name of this product is SOCAY.

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

A2: The model number of this product is SCF030-16-0805RB.

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

A3: This product is manufactured in Shenzhen, Guangdong, China.

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

A4: This product has UL, REACH, RoHS, and ISO certifications.

**Q5: What is the minimum order quantity for the PPTC Resettable Fuse?**

A5: The minimum order quantity for this product is 5000pcs.

**Q6: What is the price of the PPTC Resettable Fuse?**

A6: The price of this product is negotiable.

**Q7: How long does it take to deliver the PPTC Resettable Fuse?**

A7: The delivery time for this product is 5-8 work days.



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