

SOCAY PPTC SCF200-0603RZB PTC Resettable Fuse For Overcurrent 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: SCF200-0603RZB
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Surface Mount
- I Hold: 2.0A
- I Trip: 4.0A
- V Max: 5.0vdc
- I Max: 50.0A
- P Dtyp.: 0.5W
- Current: 8.0A
- Time: 5.0Se C.
- R Min: 0.012Ω
- R1 Max: 0.06Ω
- Highlight: **SOCAY PPTC Resettable Fuse,
Overcurrent Protection PPTC Resettable Fuse**

Product Description

SOCAY PPTC SCF200-0603RZB PTC Resettable Fuse For Overcurrent Protection

PPTC Resettable Fuse DATASHEET: [SCF0603RZB Series_v2404.1.pdf](#)

Product Description:

The Surface Mount PPTC Resettable Fuse is equipped with R max capability, ensuring protection against high current events. With a range of I hold from 2.0A and I trip at 4.0A, this fuse is capable of protecting a wide range of electronic devices and systems from damage due to overcurrent events. This makes it an ideal choice for use in power supplies, consumer electronics, and other applications where overcurrent protection is critical.

The Surface Mount PPTC Resettable Fuse is designed to provide reliable protection against overcurrent events without the need for replacement after a fault. The PPTC technology used in this fuse allows for automatic reset after the fault is cleared, which means minimal downtime for your equipment and reduced maintenance costs over time.

Overall, the Surface Mount PPTC Resettable Fuse is a reliable and efficient solution for overcurrent protection in electronic applications. With its R max capability, range of I hold and I trip values, and automatic reset functionality, it is an ideal choice for a wide range of applications. Its radial lead package and surface mount package options provide flexibility in installation and maintenance, making it a versatile and valuable addition to any electronic system.

Features:

Product Name: PPTC Resettable Fuse

RoHS Compliant & Halogen Free

Faster tripping, 0603 Dimension, Surface mountable, Solid state

Operation Current: 0.5A ~ 3.0A

Maximum Voltage: 6V

Operating Temperature: -40 ~ +85

Introducing the Radial Lead PPTC Resettable Fuse. This product features PTC Polymer for a maximum voltage and a maximum resistance of 0.06Ω. With a radial lead design and a maximum radial resistance, this fuse is the perfect solution for your circuit protection needs.

Technical Parameters:

Attribute	Specification
Component Name	PPTC Resettable Fuse
Package	Surface Mount
I Hold	2.0A
I Trip	4.0A
V Max	6.0Vdc
I Max	50.0A
P dtyp.	0.5W
Current	8.0A
Time	5.0Sec.
R Min	0.012Ω
R1 Max	0.06Ω

Applications:

One of the key benefits of this Leaded PPTC Resettable Fuse is its ability to protect against overcurrent events. It has a maximum current rating of 0.06Ω, making it well-suited for applications where there is a risk of excessive current flow. Its resettable feature means that it can be used multiple times, making it a more cost-effective alternative to traditional fuses.

This PPTC Resettable Fuse is a multifuse, meaning that it can protect against multiple overcurrent events before requiring replacement. It has a P dtyp. rating, which means that it is a polymer-based device that is highly resistant to shocks and vibrations. This makes it ideal for use in applications where there is a risk of mechanical stress.

The SOCAY PPTC Resettable Fuse is also highly versatile in terms of its applications. It can be used in a wide range of scenarios where overcurrent protection is required. For example, it can be used in consumer electronics such as laptops and smartphones, as well as in automotive applications and industrial machinery. Its Radial Leaded design means that it is easy to install and can be used in a variety of different configurations.

When it comes to purchasing this product, SOCAY has set a minimum order quantity of 5000pcs. However, the price is negotiable, and the delivery time is typically 5-8 work days. This PPTC Resettable Fuse is a reliable, high-quality product that offers excellent protection against overcurrent events. Its polymer-based design and multifuse capabilities make it a versatile and cost-effective solution for a wide

range of applications.

Overall, if you're looking for a high-quality, reliable Surface Mount PPTC Resettable Fuse, the SOCAY Radial Leaded PPTC Resettable Fuse with a model number of 0603 and a V max rating of PTC Polymer is an excellent choice.

FAQ:

Frequently Asked Questions (FAQs) for SOCAY SCF200-0603RZB PPTC Resettable Fuse:

Q1: What is a PPTC resettable fuse?

A PPTC resettable fuse is a passive electronic component that acts as a circuit protection device. It is designed to protect electrical equipment from overcurrent and short circuits by limiting the amount of current flowing through them. Unlike traditional fuses, PPTC resettable fuses can be reset and reused, providing a cost-effective solution for circuit protection.

Q2: What is the brand name of the PPTC resettable fuse?

The brand name of the PPTC resettable fuse is SOCAY. SOCAY is a reputable manufacturer of electronic components and is known for producing high-quality and reliable products.

Q3: Where is the SOCAY SCF200-0603RZB PPTC resettable fuse made?

The SOCAY 0603 PPTC resettable fuse is made in Shenzhen, Guangdong, China. Shenzhen is a major hub for electronics manufacturing and is known for producing high-quality and innovative products.

Q4: What certifications does the SOCAY SCF200-0603RZB PPTC resettable fuse have?

The SOCAY 0603 PPTC resettable fuse has UL, REACH, RoHS, and ISO certifications. These certifications ensure that the product meets internationally recognized safety and environmental standards.

Q5: What is the minimum order quantity and delivery time for the SOCAY SCF200-0603RZB PPTC resettable fuse?

The minimum order quantity for the SOCAY 0603 PPTC resettable fuse is 5000pcs. The delivery time is 5-8 work days. Prices are negotiable depending on the order quantity and other factors.



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