

SOCAY PPTC Surface Mount Resettable Fuses SCF050-12-0805RB with Polymer Multifuse

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: SCF050-12-0805RB
- Minimum Order Quantity: 5000pcs
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Surface Mount
- I Hold: 0.5A
- I Trip: 1.0A
- V Max: 12.0Vdc
- I Max: 40.0A
- P Dtyp.: 0.5W
- Current: 8.0A
- Time: 0.1Sec.
- R Min: 0.15Ω
- R Max: 0.42Ω
- R1 Max: 0.9Ω
- Highlight: SCF050-12-0805RB PPTC Resettable Fuses

Product Description

SOCAY PPTC Surface Mount Resettable Fuses SCF050-12-0805RB with Polymer Multifuse

PPTC Resettable Fuse DATASHEET: [SCF050-12-0805RB_v2106.1.pdf](#)

Product Description:

Our Surface Mount PPTC Resettable Fuse is designed to withstand a wide range of current levels, with I hold ranging from 0.5A to 1.0A. This makes it a versatile option for a broad range of electronic devices.

In addition to its other features, our Surface Mount PPTC Resettable Fuse also has a high resistance at R max 0.42Ω, ensuring that your electronics stay protected even in the event of a sudden power surge.

This Surface Mount PPTC Resettable Fuse is also classified as a Multifuse, meaning it can be used in multiple applications and can be easily replaced if needed.

Overall, our Surface Mount PPTC Resettable Fuse is a reliable and versatile choice for electronic overcurrent protection. Its low resistance at R min, high resistance at R max, and wide range of I hold make it suitable for a variety of electronic applications.

Features:

Product Name: PPTC Resettable Fuse

Low zero power resistance: polymer PTC has low impedance, low power loss and low surface temperature during normal operation.

Fast overcurrent protection: polymer PTC due to its own material properties, in the overcurrent state response speed is much faster than other overcurrent protection devices.

Self-locking operation: Polymer PTC in the overcurrent protection state, with a very small current locked in the high resistance state, only cut off the power supply or overcurrent disappears, will restore the low resistance state.

Automatic reset: Polymer PTC reset itself after overcurrent protection (troubleshooting), no need to dismantle and replace, commonly known as self-repeating fuse.

High current resistance: Polymer PTC has excellent resistance to high current, some specifications can withstand 100A current impact.

Technical Parameters:

Component Name	PPTC Resettable Fuse
Package	Surface Mount
I Hold	0.5A
I Trip	1.0A
V Max	12.0Vdc
I Max	40.0A
P dtyp.	0.5W
Current	8.0A
Time	0.1 Sec.
R Min	0.15Ω
R Max	0.42Ω
R1 Max	0.9Ω

Applications:

The SOCAY 0805 PPTC Resettable Fuse has a V max of PTC Polymer, which provides a reliable and safe protection for electronic devices. It has a current range of 0.5A - 40A, an I max of 9.0Ω, and an I hold range of 0.5A - 1.0A. With these specifications, this product is able to prevent overcurrent and overvoltage situations that may cause damage to electronic devices.

The SOCAY 0805 PPTC Resettable Fuse can be used in various application occasions and scenarios, such as electronic appliances, medical equipment, security systems, automotive electronics, and power supply systems. It is a surface mount device, which means that it can be easily installed on the surface of a printed circuit board without the need for additional leads. Additionally, it is a cost-effective solution for protecting electronic devices and does not require a replacement after being tripped.

In addition to the SOCAY 0805 PPTC Resettable Fuse, we also offer other types of PPTC Resettable Fuses such as leaded PPTC resettable fuse and radial lead PPTC resettable fuse. These fuses are suitable for various electronic devices and power supply systems and provide reliable protection against overcurrent and overvoltage situations. If you would like to know more about our products or would like to place an order, please contact us.

FAQ:

Here are the frequently asked questions and answers for SOCAY 0805 PPTC Resettable Fuse:

Q: What is SOCAY 0805 PPTC Resettable Fuse?

A: SOCAY 0805 PPTC Resettable Fuse is a type of resettable fuse that is used to protect electrical circuits from overcurrent and short circuits. It is a surface mount device that is designed to be used in a variety of electronic devices and applications.

Q: What is the place of origin of SOCAY 0805 PPTC Resettable Fuse?

A: SOCAY 0805 PPTC Resettable Fuse is made in Shenzhen, Guangdong, China.

Q: What certifications does SOCAY 0805 PPTC Resettable Fuse have?

A: SOCAY 0805 PPTC Resettable Fuse is certified by UL, REACH, RoHS, and ISO, ensuring that it meets the highest standards of quality and safety.

Q: What is the minimum order quantity for SOCAY 0805 PPTC Resettable Fuse?

A: The minimum order quantity for SOCAY 0805 PPTC Resettable Fuse is 5000pcs.

Q: What is the delivery time for SOCAY 0805 PPTC Resettable Fuse?

A: The delivery time for SOCAY 0805 PPTC Resettable Fuse is 5-8 work days. However, this may vary depending on the quantity ordered and the destination of the shipment.

Q: Is the price of SOCAY 0805 PPTC Resettable Fuse negotiable?

A: Yes, the price of SOCAY 0805 PPTC Resettable Fuse is negotiable. Please contact us to discuss pricing and any other questions you may have.



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