

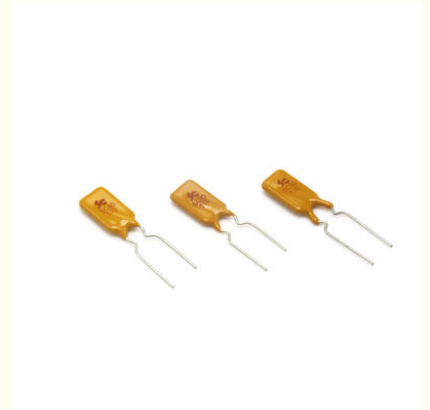
## SOCAY Radial Lead PPTC Resettable Fuse PTCs SC16-090SW0D

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: SC16-090SW0D
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



### Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Radial Lead
- I Hold: 0.9A
- I Trip: 1.8A
- V Max: 16Vdc
- I Max: 40A
- P Dtyp.: 0.6W
- Current: 4.5A
- Time: 1.2S
- Rmin: 90mΩ
- R Max: 160mΩ
- R1 Max: 250mΩ
- Highlight: SC16-090SW0D PPTC Resettable Fuse

## Product Description

### SOCAY Radial Lead PPTC Resettable Fuse PTCs SC16-090SW0D

**PPTC Resettable Fuse DATASHEET:** [SC16-090SW0D\\_v2105.1.pdf](#)

#### Product Description:

Our Radial Lead PPTC Resettable Fuse is designed to protect your electronic devices from overcurrent and overvoltage situations. With a resistance minimum of 90mΩ, it can provide a stable and consistent current range of 0.9A-1.8A.

Our Leaded PPTC Resettable Fuse is easy to install and use, making it a convenient solution for any circuit protection application. Its compact size and lightweight design make it ideal for use in a variety of electronic devices, from computers and laptops to mobile phones and televisions.

Overall, our Leaded PPTC Resettable Fuse is a reliable and cost-effective solution for protecting your electronic devices against overcurrent and overvoltage situations. With its high-quality construction and dependable performance, you can feel confident that your devices are safe and secure.

#### Features:

Product Name: PPTC Resettable Fuse

Dimension: SC16

Current Range: 0.9A-1.8A

Application: Overcurrent Protection

Terminal Pad Materials: Tin-plated Nickel-Copper

Fuse Type: Polymeric

Features: RoHS Compliant and Halogen-Free

Operating Temperature: -40 to +85

#### Technical Parameters:

Current Range	0.9A-1.8A
Operating Temp	-40 ---+85
Resistance Min	90mΩ
Maximum Voltage	V
Shape	Radial
Dimension	SC16
P Dtyp	0.6W
Fuse Type	Polymeric

#### Applications:

Telecommunications equipment: The SC16 fuse can be used in various telecommunication equipment like modems, routers, and switches. Its polymeric fuse type makes it more cost-effective and reliable than traditional fuses, which are prone to burnouts.

Computer peripherals: The SC16 fuse is a perfect fit for computer peripherals such as hard drives, printers, and scanners. Due to its radial lead design, it can be easily mounted on printed circuit boards (PCBs) and provide protection against overcurrent and short circuits.

Automotive electronics: The SC16 fuse can be used in various automotive electronics applications, such as GPS systems, car audio systems, and power windows. With a Operation Current: 0.90A, Maximum Voltage: 16Vdc, it can handle the high voltage and current requirements of automotive electronics.

Medical equipment: The SC16 fuse is a reliable and cost-effective solution for medical equipment that requires overcurrent and short circuit protection. Its tin-plated nickel-copper terminal pad materials ensure that the fuse can withstand the harsh environment of medical equipment.

Consumer electronics: The SC16 fuse can be used in a wide range of consumer electronics applications, such as smart home devices, gaming consoles, and audio systems. Its small size and high reliability make it an ideal choice for space-constrained consumer electronics devices.

Overall, the SOCAY SC16 Leaded PPTC Resettable Fuse is a versatile product that can be used in a variety of applications. Its radial lead design, polymeric fuse type, and high voltage and current ratings make it a reliable and cost-effective solution for electronics manufacturers worldwide.

#### FAQ:

**Q:** What is the brand name of this PPTC Resettable Fuse product?

**A:** The brand name of this product is SOCAY.

**Q:** What is the model number of this PPTC Resettable Fuse product?

**A:** The model number of this product is SC16-090SW0D .

**Q:** Where is the place of origin for this PPTC Resettable Fuse product?

**A:** The place of origin for this product is Shenzhen, Guangdong, China.

**Q:** What is the function of this PPTC Resettable Fuse product?

**A:** This product is designed to provide over-current protection for electronic circuits, and can be reset after the fault is cleared.

**Q:** What is the rated voltage for this PPTC Resettable Fuse product?

**A:** The rated voltage for this product is 16V DC.



**Shenzhen Socay Electronics Co., Ltd.**



+8618126201429



sylvia@socay.com



socaydiode.com

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