



SOCAY Innovative Radial Leaded PPTC Resettable Fuse SC30-075CW0D for Next-generation Electronics

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: SC30-075CW0D
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

- Component Name: PPTC Resettable Fuse
- Package: Radial Lead
- I Hold: 0.75A
- I Trip: 1.5A
- V Max: 30Vdc
- I Max: 40A
- P Dtyp.: 0.8W
- Current: 3.75A
- Time: 20.0S
- Rmin: 0.14Ω
- R Max: 0.2Ω
- R1 Max: 0.3Ω
- Highlight: **Radial Leaded PPTC Resettable Fuse**

Product Description

SOCAY Innovative Radial Leaded PPTC Resettable Fuse SC30-075CW0D for Next-generation Electronics

PPTC Resettable Fuse DATASHEET: [SC30-075CW0D_v205.1.pdf](#)

Product Description:

Our PPTC Resettable Fuses are available in a range of current ratings, from 0.75A to 1.5A, making them suitable for a wide range of applications. Whether you're working with low-power devices or high-power systems, we have a PPTC Resettable Fuse that will meet your needs.

Our PPTC Resettable Fuses are also available in a variety of package types, including Radial Leaded PPTC Resettable Fuses and Surface Mount PPTC Resettable Fuses. This ensures that you can easily find the right fuse for your specific application, whether you're looking for a leaded fuse or a surface mount fuse.

Our PPTC Resettable Fuses are built with high-quality materials and are designed to deliver reliable performance over the long term.

They are also easy to install and use, making them a great choice for both professional and DIY applications.

When it comes to selecting a PPTC Resettable Fuse, it's important to choose a product that can deliver the performance and reliability you need. With our selection of Surface Mount PPTC Resettable Fuses, you can be confident that you're getting a product that will meet your needs and exceed your expectations. So why wait? Browse our selection today and find the perfect PPTC Resettable Fuse for your application!

Features:

Product Name: PPTC Resettable Fuse

I trip: 0.75A

I hold: 1.5A

V max: 30Vdc

R min: 0.14V

R1 max: 0.3V

RoHS Compliant and Halogen-Free

Technical Parameters:

Component Name	PPTC Resettable Fuse
Maximum TimeTo Trip Current	3.75A
V max	30Vdc
I trip	1.5A
I hold	0.75A
Maximum TimeTo Trip Time	20S
Packaging Quantity	1000pcs/bag
Soldering Characteristics	Solder ability per MIL-STD-202, Method 208E
Insulating Material	Cured, flame retardant epoxy polymer meets UL 94V-0 requirements
Device Labeling	Marked with 'SC', voltage, current rating

Electrical Parameters

Part Number	I _{hold} (A)	I _{trip} (A)	V _{max} (Vdc)	I _{max} (A)	P _{typ} (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (S)	R _{min} (Ω)	R _{max} (Ω)	R1 _{max} (Ω)
SC30-075CW0D	0.75	1.50	30	40	0.8	3.75	20.0	0.14	0.20	0.30

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_{typ}= 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.

R1_{max}= 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:

The SC30's radial lead design makes it easy to use in a wide range of electronics, from computers to home appliances. With a maximum R1 rating, this Radial Leaded PPTC Resettable Fuse can handle high levels of current, making it ideal for use in power supplies and other high-voltage applications. With a current range of 0.75A to 1.5A, it is suitable for a wide range of devices and can be easily customized to meet your specific needs.

Whether you're looking for a reliable resettable fuse for your home electronics or need a durable solution for industrial applications, the

SC30 PPTC Resettable Fuse from SOCAY is the perfect choice. With an I trip rating of 30A, it provides reliable protection against overloads and short circuits, ensuring that your devices are always safe and secure. So why wait? Order your SC30 PPTC Resettable Fuse today and experience the difference for yourself!

FAQ:

Q: What is the brand name of this resettable fuse?

A: The brand name is SOCAY.

Q: What is the model number of this resettable fuse?

A: The model number is SC30.

Q: Where is this resettable fuse manufactured?

A: This resettable fuse is manufactured in Shenzhen, Guangdong, China.

Q: How does this resettable fuse work?

A: The resettable fuse works by using a polymer-based positive temperature coefficient (PPTC) material that heats up and becomes highly resistive when an overcurrent condition occurs. This causes the current to drop to a safe level, and the PPTC material cools down and becomes conductive again once the overcurrent condition is removed, allowing normal operation to resume.

Q: What applications is this resettable fuse suitable for?

A: This resettable fuse is suitable for a wide range of applications, including consumer electronics, telecommunications equipment, power supplies, battery packs, and more.



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