SOCAY PPTC Radial Lead Resettable Polymer PTCs SC135-900SZ0D For Reliable Component Protection

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SC135-900SZ0D
- Minimum Order Quantity: 5000pcs
- 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: 120Vdc
- I Max: 20A
- P Dtyp.: 5.5W
- Current: 4.5A
- Time: 15.0S
- R Min: 0.3Ω
- R1 Max: 0.8Ω
- Highlight: **Reliable Component Protection PPTC**, **Radial Lead PPTC**, **SC135-900SZ0D PPTC**

Product Description

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PPTC Resettable Fuse DATASHEET:

Product Description:

Our Radial Lead PPTC Resettable Fuse offers a range of hold currents from 0.9A to 1.8A, making it a versatile choice for a variety of applications. Whether you need protection for a low-power circuit or a high-power circuit, this fuse can provide the necessary protection without compromising performance.

The Radial Lead PPTC Resettable Fuse is designed to be easy to install and use. With its radial package, this fuse is easy to mount on a circuit board, and the leads are easy to solder for a secure connection. Plus, the PTC Polymer technology used in this fuse allows for reliable protection against over-current events.

At the heart of this component is the PPTC Resettable Fuse, which is designed to provide reliable protection against over-current events. This fuse can be reset multiple times, making it a cost-effective solution for applications where protection is required but replacement fuses are not practical.

With a maximum voltage of Vmax, the Radial Lead PPTC Resettable Fuse is ideal for a range of applications, including automotive, consumer electronics, and industrial equipment. Whether you are designing a new product or need to replace a fuse in an existing circuit, our Radial Lead PPTC Resettable Fuse is an excellent choice for reliable, long-lasting protection.

Features:

RoHS Compliant and Halogen Free

Radial Leaded Devices

Cured, flame-retardant epoxy polymer insulation meets UL94V-0 requirements

Operation Current: 0.90 A, Maximum Voltage: 120 Vdc, Operating Temperature: -40 to +8

Technical Parameters:

Component Name	PPTC Resettable Fuse
I hold	0.9A
I trip	1.8A
V max	120Vdc
I max	20A
P dtyp.	5.5W
Current	4.5A
Time	15.0S
Rmin	0.3Ω
R1 max	0.8Ω

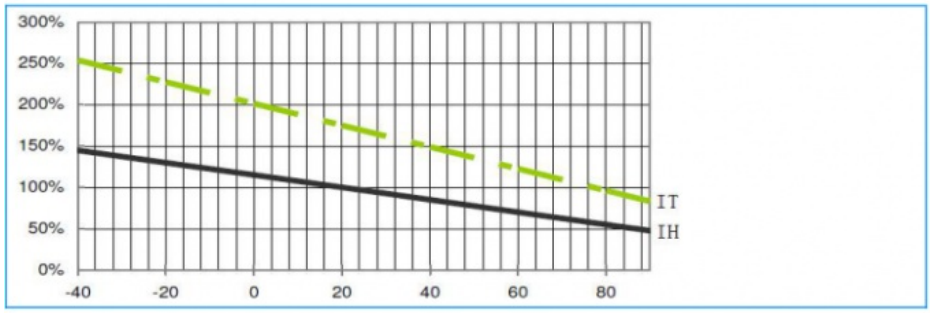
This is a table of technical parameters for the Radial Leaded PPTC Resettable Fuse product.

Electrical Parameters

Part Number	I_{hold} (A)	I_{trip} (A)	V_{max} (Vdc)	I_{max} (A)	P_{dtyp} (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (S)	R_{min} (Ω)	$R1_{max}$ (Ω)
SC135-900SZ0D	0.90	1.80	120	20	5.5	4.50	15.0	0.30	0.80

I_{hold}= Hold current: maximum current at which the device will not trip at 25℃ still air.
I_{trip}= Trip current: minimum current at which the device will always at 25℃ 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_{dtyp}= Typical power dissipation: typical amount of power dissipated by the device when in state air environment.
R_{min}= Minimum device resistance at 25℃ prior to tripping.
R_{max}= Maximum device resistance at 25℃ prior to tripping.
$R1_{max}$= Maximum resistance of device at 25℃ measured one hour after tripping.
Caution: Operation beyond the specified rating may result in damage and possible arcing and flame.

Temperature Derating Curve



Applications:

This Leaded PPTC Resettable Fuse is a suitable choice for a range of occasions and scenarios. It offers reliable overcurrent protection for electronic devices such as battery chargers, power adapters, and computer peripherals. It can also be used in automotive electronics, telecommunications, and consumer electronics.
The SC135-900SZ0D is available for purchase with a minimum order quantity of 5000pcs, and the price is negotiable. It has a delivery time of 5-8 work days, making it a great choice for urgent projects.
Overall, the SC135-900SZ0D from SOCAY is an ideal solution for overcurrent protection in electronic devices. Its Radial Leaded PPTC Resettable Fuse configuration, along with its various certifications, makes it a reliable and safe choice for various applications.

FAQ:

Q: What is the brand name of the PPTC Resettable Fuse product?
A: The brand name of the PPTC Resettable Fuse product is SOCAY.
Q: What is the model number of the PPTC Resettable Fuse product?
A: The model number of the PPTC Resettable Fuse product is SC135-900SZ0D.
Q: Where is the PPTC Resettable Fuse product manufactured?
A: The PPTC Resettable Fuse product is manufactured in Shenzhen, Guangdong, China.
Q: What certifications does the PPTC Resettable Fuse product have?
A: The PPTC Resettable Fuse product has UL, REACH, RoHS, and ISO certifications.
Q: What is the minimum order quantity for the PPTC Resettable Fuse product?
A: The minimum order quantity for the PPTC Resettable Fuse product is 5000pcs.
Q: What is the price and delivery time for the PPTC Resettable Fuse product?
A: The price for the PPTC Resettable Fuse product is negotiable, and the delivery time is 5-8 work days.

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