

Shenzhen, Guangdong, China

SOCAY Multifuse PPTC Resettable Fuse SC135-2500CZ0D Radial Lead Resettable Polymer PTCs

Basic Information

- Place of Origin:
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SC135-2500CZ0D
- Minimum Order 5000pcs Quantity:
- Price: Negotiable
- Delivery Time: 5-8 work days



Product Specification

Component Name:	PPTC Resettable Fuse
Package:	Radial Lead
• I Hold:	2.5A
• I Trip:	5.0A
• V Max:	120Vdc
• I Max:	20A
• P Dtyp.:	2.0W
Current:	12.5A
• Time:	35.0S
• R Min:	0.075Ω
• R1 Max:	0.24Ω

SOCAY Multifuse PPTC Resettable Fuse SC135-2500CZ0D Radial Lead Resettable Polymer PTCs PPTC Resettable Fuse DATASHEET:SC135-2500CZ0D_v207.1 .pdf

Product Description:

The PPTC Resettable Fuse is a Surface Mount Time component that functions by using a polymer-based material. This material has the ability to change its resistance from low to high when exposed to high levels of current, which in turn limits the current flow and provides protection to the device.

Our Radial Leaded PPTC Resettable Fuse has a trip current of 5A, ensuring that it provides a fast response to any overcurrent situation, and has a quick recovery time to ensure the device can continue to function as expected. The Radial Lead package provides easy installation and allows for effective heat dissipation, which further enhances the safety and efficiency of the device. Whether you are designing a new product or looking to upgrade the protection features of an existing device, the Radial Lead PPTC Resettable Fuse is the ideal choice. With its high trip current, quick recovery time, and easy installation, this fuse provides reliable and efficient protection for your device.

Features:

Product Name: PPTC Resettable Fuse

RoHS Compliant and Halogen-Free

Radial leaded Devices Cured, flame retardant epoxy polymer insulating materialmeets UL94V-0 requirements Operation Current: 2.5 A, Maximum Voltage: 120 Vdc, Operating Temperature: -40 to +85

Technical Parameters:

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P dtyp.	2.0W		
Current	12.5A		
Time	35.0S		
Rmin	0.075Ω		
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Electrical Parameters

Part Number I hold (A)	L (A)	I _{sip} (A)	V max	Louis	Payo	Maximum Time To Trip		Resistance	
	1 800 (24)	(Vdc)	(A)	(W)	Current (A)	Time (S)	R _{min} (Ω)	R1 _{max} (Ω)	
SC135-2500CZ0D	2.5	5.0	120	20	2.0	12.5	35.0	0.075	0.24

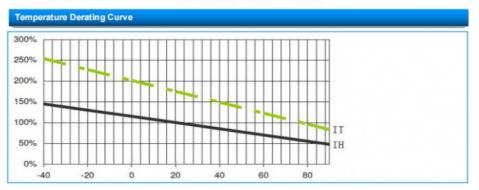
Hold current: maximum current at which the device will not trip at 25°C still air

I me 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 mp=Maximum time to trip(s) at assigned current R_{mp}= Typical power dissipation: typical amount of power dissipated by the device when in state air environment. R_{mn}= Minimum device resistance at 25℃ prior to tripping. R_{max}= Maximum device resistance at 25℃ prior to tripping.

 $R1_{max} = Maximum resistance of device at 25\% measured one hour after tripping. Caution: Operation beyond the specified rating may result in damage and possible arcing and flame.$



Applications:

The SC135-2500CZ0D is suitable for a wide range of product application occasions and scenarios. It can be used in power supplies, computers, telecommunications, consumer electronics, and automotive electronics. This Radial Lead PPTC Resettable Fuse is also suitable for battery chargers, portable devices, and LCD/LED displays.

Overall, the SC135-2500CZ0D is a reliable and cost-effective solution for your PPTC Resettable Fuse needs. Its high-quality standards, along with its versatility in application, make it an excellent choice for electronics manufacturers.

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Test	Test Conditions	Accept/Reject Criteria
Resistance	In still air @25±2°C	Rmin≤R≤Rmax
Hold Current	60 min, at I _{hold} , In still air @25±2°C	No trip
Time to Trip	Specified current, V _{max} , @25±2°C	T≤Maximum Time To Trip
Trip Cycle Life	V _{max} , I _{max} , 100 cycles	No arcing or burning
Trip Endurance	Vmax,24hours	No arcing or burning

FAQ:

- Q1. What is the brand name of the PPTC Resettable Fuse product?
- A1. The brand name of the PPTC Resettable Fuse product is SOCAY.
- Q2. What is the model number of the PPTC Resettable Fuse product?
- A2. The model number of the PPTC Resettable Fuse product is SC135-2500CZ0D.
- Q3. Where is the PPTC Resettable Fuse product manufactured?
- A3. The PPTC Resettable Fuse product is manufactured in Shenzhen, Guangdong, China.
- Q4. What certifications does the PPTC Resettable Fuse product have?
- A4. The PPTC Resettable Fuse product has UL, REACH, RoHS, and ISO certifications.
- Q5. What is the minimum order quantity for the PPTC Resettable Fuse product?
- A5. The minimum order quantity for the PPTC Resettable Fuse product is 5000pcs.
- Q6. What is the price of the PPTC Resettable Fuse product?
- A6. The price of the PPTC Resettable Fuse product is negotiable. Q7. What is the delivery time for the PPTC Resettable Fuse product?
- A7. The delivery time for the PPTC Resettable Fuse product is 5-8 work days.

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