SC600 Series Electronic PPTC Resettable Fuse SC600-200SW0D 400V Maximum Voltage

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SC600-200SW0D
- Minimum Order Quantity: 500PCS
- Price: Negotiable
- Delivery Time: 5-8 work days

Product Specification

- Name: PPTC Resettable Fuse
- Package Type: Radial Lead
- Operation Current: 0.2A
- I Trip: 0.4A
- Maximum Voltage: 400V
- I Max: 3A
- P Dtyp.: 1.5W
- Maximum Time To Trip Current: 1.0A
- Maximum Time To Trip Time: 10.0Sec
- Resistance Min: 5.0Ω
- Resistance Max: 9.0Ω
- Resistance 1max: 14.0Ω
- Highlight: **PPTC Resettable Fuse 400V**, **Electronic PPTC Resettable Fuse**,

More Images

Product Description

SC600 Series PPTC Resettable Fuse SC600-200SW0D Fast Delivery Time

PPTC Resettable Fuse DATASHEET: SC600-200SW0D_v98.1.pdf

Electrical Parameters:

Part Number	I_{hold} (A)	I_{trip} (A)	V_{max} (Vdc)	I_{max} (A)	P_{dtyp} (W)	Maximum Time To Trip		Resistance		
Resettable Polymer PPTC						Current (A)	Time (S)	R_{min} (Ω)	R_{max} (Ω)	$R1_{max}$ (Ω)
SC600-200SW0D	0.20	0.40	400	3.0	1.5	1.0	10.0	5.0	9.0	14.0

I_{hold}= PPTC Resettable Fuse Hold current: maximum current at which the device will not trip at 25 still air.
I_{trip}= PPTC Resettable Fuse 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}= PPTC Resettable Fuse 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.

PPTC Resettable Fuse Features:

u RoHS Compliant and Halogen-Free
u Radial leaded Devices
u Cured,flame retardant epoxy polymer insulating material meets UL94V-0 requirements
u PPTC Resettable Fuse Operation Current: 0.20A, Maximum Voltage: 400Vdc, Operating Temperature: -40 to +85

PPTC Resettable Fuse Applications:

u USB hubs, ports and peripherals
u Power ports
u IEEE1394 ports
u Motor protection
u Computers and peripherals
u General electronics

Temperature Rerating Chart – I_{hold} (A):

Ambient Operation Temperature	-40	-20	0	23	30	40	50	60	70	85
Percentage Reduction	145%	130%	120%	100%	95%	88%	80%	71%	66%	56%

Test Procedures and Requirement:

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

PPTC Resettable Fuse Physical Specifications:

Lead Material	0.03-1.85A Tin-plated Copper clad steel 2.50-5.00A Tin-plated Copper
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

PPTC Resettable Fuse Packaging Quantity:

Part Number	Quantity (pcs/reel)
SC600-200SW0D	500

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