900V SC2E5-350L Ceramic Discharge Tube with Max. Spark-over Impulse Voltage 1KV/μs

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SC2E5-350L
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Delivery Time: 5-8 work days
- Supply Ability: 1000000

Product Specification

- Storage Temperature: -40°C~+90°C
- DC Spark-over Voltage @100V/μs: 360V±20%
- Min. Insulation Resistance: 1GΩ (@100V)
- Mounting Type: THT
- Advantages: 1. Before Breakdown (conduction), It Is Equivalent To An Open Circuit, With A Large Resistance And No Or Very Small Leakage Current; 2. After Breakdown (conduction), It Is Equivalent To A Short Circuit, Which Can Pass A Large Current With A Very Small Volt
- Disadvantages: 1. Since Gas Ionization Requires A Certain Amount Of Time, The Response Speed Is Slow. The Response Time Is Generally 0.2~0.3μs (200~300ns). And The Fastest Is

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Product Description

Product Description:

Our hydrogen gas discharge tube has a few disadvantages that are worth noting. Firstly, the response speed is relatively slow due to the gas ionization process, with a response time of 0.2~0.3μs (200~300ns), and the fastest is about 0.1μs (100ns). Before it is turned on, there will be Sharp pulses with larger amplitudes that may leak through and have no protective effect. Additionally, the breakdown voltage has poor consistency and large dispersion, generally ±20%, and only a few specific values.
However, the advantages outweigh the disadvantages. Our Gas Discharge Tube has a Max. Spark-over Impulse Voltage of 900V @1KV/μs and 800V @100V/μs, making it a reliable protection solution for sensitive electronic circuits. It has a storage temperature range of -40°C~+90°C and a minimum insulation resistance of 1GΩ (@100V).
Don't compromise the safety and performance of your electronic circuits. Choose our Gas Discharge Tube for reliable circuit board protection.

Features:

Product Name: Lightning Arrester Axial Leaded Ceramic Gas Discharge Tube 900V SC2E5-350L GDT Electronic Component
Max. Impulse Discharge Current: 10KA
DC Spark-over Voltage @100V/μs: 350V±20%
Application:
- Industrial power supply
- Communication power supply
- Inverter power supply
- UPS uninterrupted power supply
- Regulated power supply
- Driving power supply
- Switching power supply
- Power module
- Isolator
- Inverter
- Medical equipment

Datasheet: SC2E5_v91.1.pdf
This GDT gas discharge tube product is designed to provide circuit board protection and GDT surge protection. It has a maximum impulse discharge current of 20KA and a DC Spark-over Voltage of 600V±20% at 100V/μs. It is suitable for various applications, including industrial power supply, communication power supply, inverter power supply, UPS uninterrupted power supply, regulated power supply, driving power supply, switching power supply, power module, isolator, inverter, and medical equipment.

Technical Parameters:

Datasheet	SC2E5_v91.1.pdf
Application	Industrial power supply, communication power supply, inverter power supply, UPS uninterrupted power supply, regulated power supply, driving power supply, switching power supply, power module, isolator, inverter, medical equipment
Length	φ5.5*6mm
Max. Spark-over Impulse Voltage @1KV/μs	900V
Mounting Type	THT
Nom. Impulse Discharge Current	5KA
Storage Temperature	-40°C~+90°C

Product Name	Lightning Arrester Axial Leaded Ceramic Gas Discharge Tube 900V SC2E5-350L GDT Electronic Component
Product Category	Gas Discharge Tube
Disadvantages	1. Since gas ionization requires a certain amount of time, the response speed is slow. The response time is generally 0.2~0.3μs (200~300ns), and the fastest is about 0.1μs (100ns). Before it is turned on, there will be a Sharp pulses with larger amplitudes leak through and have no protective effect; 2. The breakdown voltage has poor consistency and large dispersion, generally ±20%; 3. The breakdown voltage has only a few specific values;

Applications:

With a maximum spark-over impulse voltage of 900V and a maximum impulse discharge current of 10KA, this Gas Discharge Tube is more than capable of handling the demands of a range of different applications. It is also designed with THT mounting type, making it easy to install and secure in your circuit board.
Whether you're working in the telecommunications industry, industrial automation, or any other field where circuit board protection is critical, the SC2E5-350L Gas Discharge Tube is a reliable and effective choice. Plus, with its UL, REACH, RoHS, and ISO certifications, you can be confident that it meets the highest standards for quality and safety.
Product Application Occasions and Scenarios

There are a wide range of applications where the SC2E5-350L Gas Discharge Tube can be used to protect circuit boards. Here are just a few examples:

Telecommunications equipment, including routers, switches, and modems

Industrial control systems, such as PLCs and motor drives

Solar and wind power systems

Lightning protection systems for buildings and other structures

Consumer electronics, such as TVs and home appliances

With a minimum order quantity of 1000PCS and a delivery time of 5-8 work days, the SC2E5-350L Gas Discharge Tube is readily available for your circuit board protection needs. And with a supply ability of 1000000, you can be sure that SOCAY has the capacity to meet even the largest orders. Contact us today to learn more about pricing and how we can meet your specific requirements!

Support and Services:

The Gas Discharge Tube product technical support and services include:

Assistance with product selection and application

Product and application troubleshooting

Technical documentation and specifications

Custom design and development

Training and education on product use and installation

Repair and maintenance services

Packing and Shipping:

Product Packaging:
- Each Gas Discharge Tube is individually packed in a plastic bag.
- The plastic bags are then placed in a cardboard box with cushioning material to prevent damage during shipping.

Shipping:
- The Gas Discharge Tubes are shipped via standard ground shipping.
- Shipping fees may vary depending on the destination and order quantity.

FAQ:

Q: What is the brand name of this Gas Discharge Tube product?
A: The brand name of this product is SOCAY.
Q: What is the model number of this Gas Discharge Tube product?
A: The model number of this product is SC2E5-350L.
Q: What certifications does this Gas Discharge Tube product have?
A: This product is certified by UL, REACH, RoHS, and ISO.
Q: Where is this Gas Discharge Tube product made?
A: This product is made in Shenzhen, Guangdong, China.
Q: What is the minimum order quantity for this Gas Discharge Tube product?
A: The minimum order quantity for this product is 1000PCS.
Q: What is the delivery time for this Gas Discharge Tube product?
A: The delivery time for this product is 5-8 work days.
Q: Is the price of this Gas Discharge Tube product negotiable?
A: Yes, the price of this product is negotiable.
Q: What is the supply ability of this Gas Discharge Tube product?
A: The supply ability of this product is 1000000PCS.

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