2KA Surge Capability Gas Discharge Tube SC1812-350CSMD Square Outline GDT

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL,REACH,RoHS,ISO
- Model Number: SC1812-350CSMD
- Minimum Order Quantity: 2500PCS
- Price: Negotiable
- Delivery Time: 5-8 work days

Product Specification

- Product Name: Gas Discharge Tube
- Size: 3.2*2.7*4.5mm
- DC Spark-over Voltage @100V/μs: 350V±20%
- Max. Spark-over Impulse Voltage @100V/μs: 800V
- Max. Spark-over Impulse Voltage @1KV/μs: 900V
- Min. Insulation Resistance: 1GΩ (@50V DC)
- Max. Capacitance: 1.0pF
- Arc Voltage @1A: 15V
- Nom. Impulse Discharge Current: 2KA
- Operating Temperature: -40°C~+90°C
- Storage Temperature: -40°C~+90°C
- Highlight: **2KA Gas Discharge Tube**,

Product Description

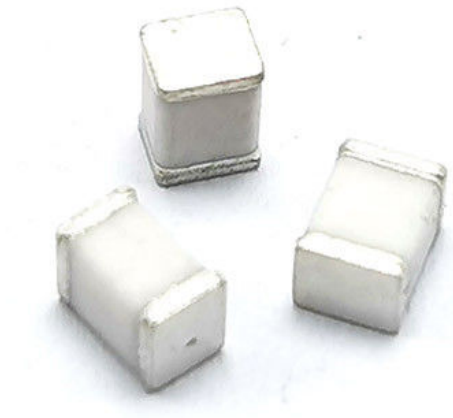
2KA Surge Capability Gas Discharge Tube (GDT) SC1812-350CSMD, Square Outline

DATASHEET: SC1812_v2106.1.pdf

Part Number	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage		Minimum Insulation Resistance	Maximum Capacitance	Arc Voltage	Nominal Impulse Discharge Current
	@100V/S	@100V/μs	@1KV/μs		@1MHz	@1A	@8/20μs ±5 times
SC1812-75CSMD	75V±30%	600V	700V	1 GΩ (at 50V DC)	1.0pF	~15V	2 KA
SC1812-90CSMD	90V±20%	600V	700V	1 GΩ (at 50V DC)	1.0pF	~15V	2 KA
SC1812-150CSMD	150V±20%	600V	700V	1 GΩ (at 50V DC)	1.0pF	~15V	2 KA
SC1812-200CSMD	200V±20%	600V	750V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA
SC1812-230CSMD	230V±20%	600V	750V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA
SC1812-300CSMD	300V±20%	800V	900V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA
SC1812-350CSMD	350V±20%	800V	900V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA

Notes:
Terms in accordance with ITU-T K.12 and GB/T 9043-2008
At delivery AQL 0.65 level , DIN ISO 2859

SOCAY®



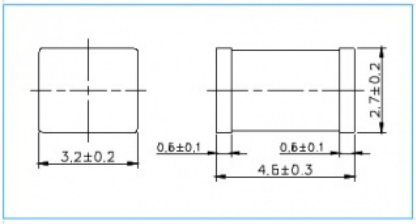
Descriptions:

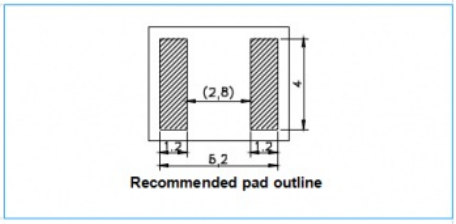
Gas discharge tube is one of the most widely used lightning protection devices, whether it is AC, current power supply lightning protection or various signals lightning protection, play a very good protection role. Its main characteristics are: large through flow, small electrode capacitance, high insulation resistance, breakdown voltage optional range, but slow reaction speed (high residual voltage).

Applications:
driving power supply,
switching power supply,
power module, isolator, i
nverter, medical equipment,

485 converter,
communication products (optical terminal machine,
MODEL, communication base station),
stabilizer, security products, lightning arrester.

Device Dimensions (Unit: mm)





SOCAY® **Shenzhen Socay Electronics Co., Ltd.**

+8618126201429 sylvia@socay.com socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City, GuangDong Province, China