

Basic Information

- Place of Origin:
- Brand Name:

SOCAY®

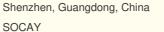
Our Product Introduction

for more products please visit us on socaydiode.com

- UL,REACH,RoHS,ISO Certification:
- Model Number:
- Minimum Order Quantity:
- 2500PCS • Price: Negotiable

socaydiode.com

• Delivery Time:



UL 2-Electrode GDT, 2-Electrode GDT 2KA

Shenzhen Socay Electronics Co., Ltd.

SC1812-90CSMD

5-8 work days

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- Product Name:
- Gas Discharge Tube • Size: 3.2*2.7*4.5mm • DC Spark-over Voltage 90V±20% @100V/µs: • Max. Spark-over Impulse 600V Voltage @100V/µs: • Max. Spark-over Impulse 700V Voltage @1KV/µs: • Min. Insulation Resistance: 1GΩ (@50V DC) • Max. Capacitance: 1.0pF • Arc Voltage @1A: 15V • Nom. Impulse Discharge 2KA Current: • Operating Temperature: -40°C~+90°C • Storage Temperature: -40°C~+90°C



More Images

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• Highlight:



Product Description

2-Electrode Gas Discharge Tube (GDT) SC1812-90CSMD, Surface Mount Device, UL Recognized

DATASHEET: SC1812_v2106.1.pdf

Part Number	DC Spark- over Voltage			n	Maximum Capacitan ce		Nominal Impulse Discharge Current	
	@100V/S	@100V/µ s	@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	
SC1812-400CSMD	400V±20%	900V	1000V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA	
SC1812-420CSMD	420V±20%	900V	1000V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA	
SC1812-470CSMD	470V±20%	900V	1000V	1 GΩ (at 100V DC)	1.0pF	~15V	2 KA	
SC1812-600CSMD	600V±20%	1100V	1200V	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

Descriptions:

Gas discharge Tubes (GDT) are classical components for protecting the installations of the telecommunications. It is essential that IT and telecommunications systems -with their high-grade but sensitive electronic circuits - be protected by arresters. The 1812 series GDT offers high surge ratings in a miniature package. It's designed for surface mounting on PCB with small size 4.5x3.2x2.7mm. Low insertion loss is perfectly suited to broadband equipment applications. The capacitance does not vary with voltage, and will not cause operational problems with ADSL2+, where capacitance variation across Tip and Ring is undesirable. These devices are extremely robust and are able to divert a 500A pulse in a miniature package 1812 without destruction.



Features:

Non-Radioactive RoHS compliant Ultra low capacitance (<1.0 pF) UL recognized Excellent response to fast rising transients 2KA surge capability tested with 8/20µs

Applications: Communication equipment CATV equipment Test equipment Data lines Power supplies Telecom SLIC protection Broadband equipment ADSL equipment, including ADSL2+ XDSL equipment Satellite and CATV equipment General telecom equipment

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