



350V Gas Discharge Tube Arrester Surface Mount GDT For Communication Equipment

Our Product Introduction

Basic Information

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



Product Specification

- Product Name: Gas Discharge Tube
- Size: 5*5*4.2mm
- DC Spark-over Voltage @100V/μs: 350V±20%
- Max. Spark-over Impulse Voltage @100V/μs: 700V
- Max. Spark-over Impulse Voltage @1KV/μs: 800V
- Min. Insulation Resistance: 1GΩ (@50V DC)
- Max. Capacitance: 1.0pF
- Arc Voltage @1A: 15V
- Nom. Max. Impulse Discharge Current Impulse Discharge Current: 5KA
- Operating Temperature: -40°C~+90°C
- Storage Temperature: -40°C~+90°C
- Max. Impulse Discharge Current: 10KA



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Product Description

350V Gas Discharge Tube Arresters SC2E5-350LSMD, Surface Mount GDT Suitable for Communication Equipment

DATASHEET: [SC2E5-SMD_v2110.1.pdf](#)

Part Number	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage		Minimum Insulation Resistance	Maximum Capacitance	Arc Voltage	Service Life			
							Nominal Impulse Discharge Current	Max Impulse Discharge Current	Nominal Alternating Discharge Current	Impulse Life
	@100V/S	@100V/μs	@1KV/μs		@1MHz	@1A	@8/20μs ±5 times	@8/20μs 1 time	@50Hz 1 Sec 10 times	@10/100μs 300 times
SC2E5-75LSMD	75V±20%	500V	650V	1 GΩ (at 50V DC)	1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-90LSMD	90V±20%	500V	650V	1 GΩ (at 50V DC)	1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-150LSMD	150V±20%	500V	650V	1 GΩ (at 50V DC)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-200LSMD	200V±20%	500V	650V	1 GΩ (at 100V DC)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-230LSMD	230V±20%	600V	700V	1 GΩ (at 100V DC)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-300LSMD	300V±20%	700V	800V	1 GΩ (at 100V DC)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-350LSMD	350V±20%	700V	800V	1 GΩ (at 100V DC)	1.0pF	~20V	5KA	10KA	5A	100A

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

Descriptions:

These protective components are also indispensable in other sectors, In AC power transmission systems, they are often used with current-limiting varistors, In customer premises equipment such as DSL modems, WLAN routers, TV sets and cable modems In air-conditioning equipment, the integral black-box concept offers graduated protection by combining arresters with varistors, PTC, diodes and inductor.



Features

- ◆ Non-Radioactive
- ◆ RoHS compliant
- ◆ Low insertion loss
- ◆ Excellent response to fast rising transients
- ◆ Ultra low capacitance
- ◆ 5KA surge capability tested with 8/20 μ s pulse as defined by IEC 61000-4-5

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
- ◆ Consumer electronics