



Axial Leaded Gas Discharge Tube 350V GDT SC2E5-350LL Low Insertion Loss

Our Product Introduction

for more products please visit us on socaydiode.com

Basic Information

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



Product Specification

- Product Name: Gas Discharge Tube
- Size: $\phi 5.5 \times 6\text{mm}$
- DC Spark-over Voltage @100V/ μs : $350\text{V} \pm 20\%$
- Max. Spark-over Impulse Voltage @100V/ μs : 800V
- Max. Spark-over Impulse Voltage @1KV/ μs : 900V
- Min. Insulation Resistance: $1\text{G}\Omega$ (@50V DC)
- Max. Capacitance: 1.0pF
- Arc Voltage @1A: 15V
- Nom. Max. Impulse Discharge Current Impulse Discharge Current: 5KA
- Max. Impulse Discharge Current: 10KA
- Nom. Alternating Discharge 5A



More Images



350V Axial Leaded GDT SC2E5-350LL, Low Insertion Loss Gas Discharge Tube

Description

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.

Part Number	Marking	DC Spark-over Voltage	Maximum Impulse Spark-over Voltage		Minimum Insulation Resistance	Maximum Capacitance	Arc Voltage	Service Life			
			@100V/S	@100V/µs				@1KV/µs	@1MHz	@1A	Nominal Impulse Discharge Current
									@8/20µs ±5 times	@8/20µs 1 time	@50Hz 1 Sec 10 times
SC2E5-75LL SC2E5-75L	SOCAY 75L	75V±20%	<500V	<600V	1 GΩ (at 25V)	<1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-90LL SC2E5-90L	SOCAY 90L	90V±20%	<500V	<600V	1 GΩ (at 50V)	<1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-150LL SC2E5-150L	SOCAY 150L	150V±20%	<500V	<600V	1 GΩ (at 50V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-230LL SC2E5-230L	SOCAY 230L	230V±20%	<600V	<700V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-250LL SC2E5-250L	SOCAY 250L	250V±20%	<700V	<800V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-300LL SC2E5-300L	SOCAY 300L	300V±20%	<800V	<900V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-350LL SC2E5-350L	SOCAY 350L	350V±20%	<800V	<900V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-420LL SC2E5-420L	SOCAY 420L	420V±20%	<900V	<1000V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-470LL SC2E5-470L	SOCAY 470L	470V±20%	<900V	<1000V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-600LL SC2E5-600L	SOCAY 600L	600V±20%	<1100V	<1200V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-800LL SC2E5-800L	SOCAY 800L	800V±20%	<1200V	<1400V	1 GΩ (at 100V)	<1.0pF	~20V	5KA	10KA	5A	100A

Notes:

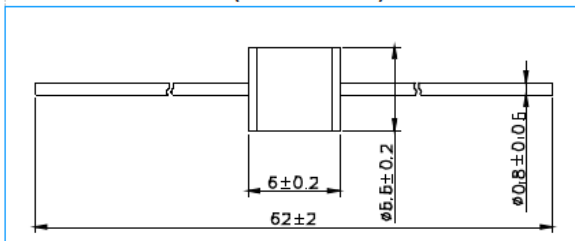
- 1). Terms in accordance with IEC 60287-1-2 and GB/T 9043-2008
- 2). At delivery AQL 0.65 level II, DIN ISO 2859

Part Number	Marking	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	@100 V/μs	@1K V/μs		@1MHz	@1A	@8/20μs ±5 times	@8/20μs 1 time	@50Hz 1 Sec	@10/100μs 300 times
SC2E5-75LL	SOCAY7	75V±20%	500V	600V	1 GΩ (at 25V)	1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-75L	5L										
SC2E5-90LL	SOCAY9	90V±20%	500V	600V	1 GΩ (at 50V)	1.0pF	~15V	5KA	10KA	5A	100A
SC2E5-90L	0L										
SC2E5-150LL	SOCAY1	150V±20%	500V	600V	1 GΩ (at 50V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-150L	50L										
SC2E5-230LL	SOCAY2	230V±20%	600V	700V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-230L	30L										
SC2E5-250LL	SOCAY2	250V±20%	700V	800V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-250L	50L										
SC2E5-300LL	SOCAY3	300V±20%	800V	900V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-300L	00L										
SC2E5-350LL	SOCAY3	350V±20%	800V	900V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-350L	50L										
SC2E5-420LL	SOCAY4	420V±20%	900V	1000V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-420L	20L										
SC2E5-470LL	SOCAY4	470V±20%	900V	1000V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-470L	70L										
SC2E5-600LL	SOCAY6	600V±20%	1100V	1200V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-600L	00L										
SC2E5-800LL	SOCAY8	800V±20%	1200V	1400V	1 GΩ (at 100V)	1.0pF	~20V	5KA	10KA	5A	100A
SC2E5-800L	00L										
Notes: 1). Terms in accordance with ITU-T K.12 and GB/T 9043-2008 2). At delivery AQL 0.65 level , DIN ISO 2859											

Dimensions (Unit: mm)

Axial Leaded Devices (SC2E5-XXXLL)



Materials	Nickel-plated with Tinplated wires	
Product Marking	SOCAY XXXL XXX -Nominal voltage L -5KA	
Glow to Arc Transition Current	< 0.5 Amps	
Glow Voltage	~60 Volts	
Storage and Operational Temperature	-40 to +90°C	
Climatic category (IEC 60068-1)	40/90/21	
Weight	SC2E5-XXXLL	~1.0g
	SC2E5-XXXL	~0.85g

 **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