



SC3E8-600H Gas Discharge Tube GDT Classical Components For Protecting Circuit

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: SC3E8-600H
- Minimum Order Quantity: 1000PCS
- Price: Negotiable
- Delivery Time: 2-3weeks
- Supply Ability: 1000000



Product Specification

- Other Name: Gdt Arrester
- Length: $\phi 8 \times 10\text{mm}$
- Material: Ceric ceramic
- DC Spark-over Voltage @100V/ μs : $600\text{V} \pm 20\%$
- Foot: 3 Pin Electrode
- Max. Spark-over Impulse Voltage @100V/ μs : 500V
- Max. Spark-over Impulse Voltage @1KV/ μs : 600V
- Arc Voltage @1A: 15V
- Nom. Impulse Discharge Current: 10KA
- Max. Impulse Discharge Current: 20KA
- Highlight: SC3E8-600H Gas Discharge Tube, Circuit Gas Discharge Tube,



Product Description

Gas Discharge Tube SC3E8-600H, Classical Components for Protecting the Circuit

DATASHEET: [SC3E8_v2308.1.pdf](#)

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
								@8/20μs ⁴⁾ ±5 times	@8/20μs ⁴⁾ 1 time	@50Hz ⁴⁾ 1 Sec 10 times	@10/1000μs ⁴⁾ 300 times
SC3E8-75HM SC3E8-75HMF SC3E8-75HP SC3E8-75H	SOCAY 75H	75V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-90HM SC3E8-90HMF SC3E8-90HP SC3E8-90H	SOCAY 90H	90V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-150HM SC3E8-150HMF SC3E8-150HP SC3E8-150H	SOCAY 150H	150V±20%	500V	600V	1 GΩ (at 50V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-230HM SC3E8-230HMF SC3E8-230HP SC3E8-230H	SOCAY 230H	230V±20%	600V	700V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-250HM SC3E8-250HMF SC3E8-250HP SC3E8-250H	SOCAY 250H	250V±20%	600V	700V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-300HM SC3E8-300HMF SC3E8-300HP SC3E8-300H	SOCAY 300H	300V±20%	800V	900V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-350HM SC3E8-350HMF SC3E8-350HP SC3E8-350H	SOCAY 350H	350V±20%	800V	900V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-420HM SC3E8-420HMF SC3E8-420HP SC3E8-420H	SOCAY 420H	420V±20%	900V	1000V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-470HM SC3E8-470HMF SC3E8-470HP SC3E8-470H	SOCAY 470H	470V±20%	900V	1000V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-600HM SC3E8-600HMF SC3E8-600HP SC3E8-600H	SOCAY 600H	600V±20%	1100V	1200V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A
SC3E8-800HM SC3E8-800HMF SC3E8-800HP SC3E8-800H	SOCAY 800H	800V±20%	1200V	1400V	1 GΩ (at 100V)	1.5pF	~25V	20KA	25KA	20A	200A

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
- 3). Tip or ring electrode to center electrode
- 4). Total current through center electrode, half value through tip respectively ring electrode

GDT Classification

Surface Mount(package size):1206,1210,1812
 DIP:2-Electrode,3-Electrode
 DC Voltage:75V~800V
 High DC Voltage :1000V~6000V
 Current:0.5KA~20KA
 Response Time≤100NS,SWITH components.

Applications:

Industrial power supply,
communication power supply,
inverter power supply,
UPS uninterrupt power supply,
regulated power supply,
driving power supply,
switching power supply, power module

FAQ

Q: May we get some samples?

A: Of course,samples are available.

Q: What is product lead time?

A: For GDT,TVS and ESD,lead time will take 2-3 weeks.For TSS,MOV,MLV,NTC,and PPTC,lead time will take 3-4weeks.Accurate lead time will be further confirmed when we know your specific requirement.

Q: Do you support customization?

A: Yes,we do.



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