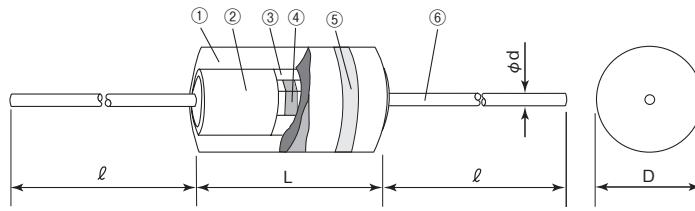


## CIRCUIT PROTECTORS SURGE ABSORBERS SA

### STRUCTURE

- 1 Glass
- 2 Dumet wire
- 3 Special gas
- 4 Special chip
- 5 Marking
- 6 Lead wire



PRODUCT CODE	COATING COLOR	MARKING
SA 05	Clear	Color Code

All these products have Pb-free terminations and meet EU-RoHS requirements

### TYPE DESIGNATION (HOW TO ORDER)

<b>SA</b>	<b>05</b>	<b>C</b>	<b>T52</b>	<b>A</b>	<b>301</b>	<b>N</b>
PRODUCT CODE	SURGE CURRENT CAPACITY 05: 500A	TERMINATION SURFACE MATERIAL C: SnCu	TAPING T52: 52mm taping *Blank*: Bulk *Please see "PACKAGING"	PACKAGING A: Ammo	DC SPARK-OVER VOLTAGE 201: 200V 241: 240V 251: 250V 301: 300V 401: 400V 501: 500V 701: 700V	DC SPARK-OVER VOLTAGE TOLERANCE M: (±20%) N: (±30%)

Contact us when you have control request for environmental hazardous material other than the substance specified by EU-RoHS

### FEATURES

- Surge absorber elements in discharge tube with a microgap
- Small size does not take up much space on boards
- No need to distinguish polarity
- Quick response to surge voltage
- Stable against repeated surges
- Available for high frequency circuits due to the low-electrostatic capacitance
- Suitable as internal electrostatic discharge protection for CRT displays, etc.
- Can also be used as electrostatic discharge protection for antenna lines
- Meets or exceeds IEC 61000-4-2, IEC 61000-4-5
- Operating temperature range: -40°C...+85°C

### DIMENSIONS (mm)

TYPE	L ± 0.5	ø D ± 0.3	ø d	l ± 3
SA05	3.8	1.8	0.5	30

### RATING

TYPE	VS DC SPARK-OVER VOLTAGE	VS TOLERANCE	INSULATION RESISTANCE		C ELECTROSTATIC CAPACITANCE	SURGE CURRENT CAPACITY	SURGE LIFE
			RESISTANCE	MEASUREMENT VOLTAGE			
SA 05 C	200 V	± 20%	100 MΩ min.	DC100V	1pF Max. (1kHz-6V Max.)	500A (8/20µs)	200 times (1500pF-10kV-0Ω)
	240 V						
	250 V						
	300 V	± 30%					
	400 V						
	500 V						
700 V		DC250V					

#### Precautions:

Use it within the specified values as there is a risk of destruction when the impulse power over the surge current capacity is applied.

Contact our sales representatives before you use our products for applications including automobiles, medical equipment and aerospace equipment. Malfunction or failure of the products in such applications may cause loss of human life or serious damage.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order or use.

CIRCUIT PROTECTORS