

## GSA Series

3000A

### 1 Application

Fast Delivery Time

- For instantaneous over-voltage protection to ADSL,ISDN,MODEM,FAX,TEL,Power Supplies,Alarm systems.
- For instantaneous over-voltage protection to RS485,RS232 port, CATV,video transceiver.
- For instantaneous over-voltage protection to ammeter,water meter auto admin system, etc

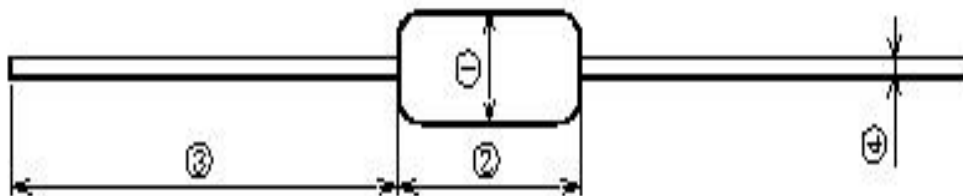
### 2 Features

- Small capacitance and excellent insulation resistance(100MΩ min).
- Small size,No polarity.No dark effect.
- Low electrode capacitance(1pF max).
- Quick response for electrostatic,surge voltage and low limiting voltage.
- Stable for repeated discharge test conditions.
- Operating temperature: -40℃ ~ +85℃. Storage temperature: -40℃ ~ +125℃.

### 3 Electrical Characteristics

Part Number	DC Spark-Over Voltage Vs(V)		Insulation Resistance		Capacitance of electrostatic	Surge current capacity 8/20us	Surge Life Test
	Nominal value (Min-Max)		Test voltage	IR (MΩ)	1KHz-6V		
GSA-141N	140V	(98V-182V)	DC100V	>1000MΩ	1PF(MAX)	3000A	8/20us, 100A 250times
GSA-181N	180V	(124V-236V)					
GSA-201M	200V	(160V-240V)					
GSA-251M	250V	(200V-300V)					
GSA-301M	300V	(240V-360V)					
GSA-401M	400V	(320V-480V)					
GSA-471M	470V	(400V-560V)					
GSA-501M	500V	(400V-600V)	DC250V	>1000MΩ			
GSA-102M	1000V	(800V-1200V)					
GSA-152M	1500V	(1200V-1800V)					

### 4 Dimension(mm):

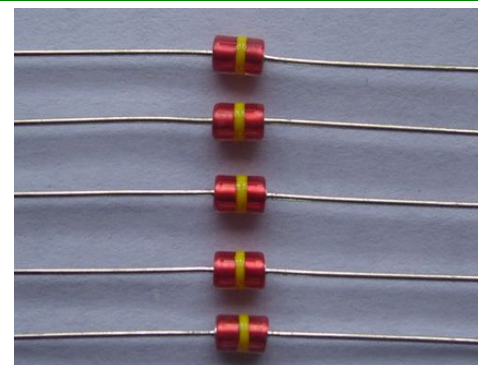
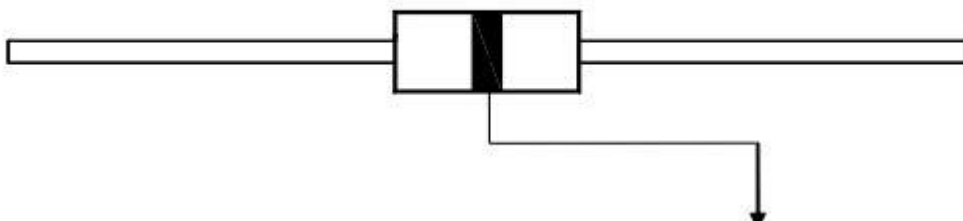


Model Series	①	②	③	④
GSA	Φ3.1±0.3	φ4.0±0.4	28.4±0.5	Φ0.5±0.1

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# Surge Absorbers

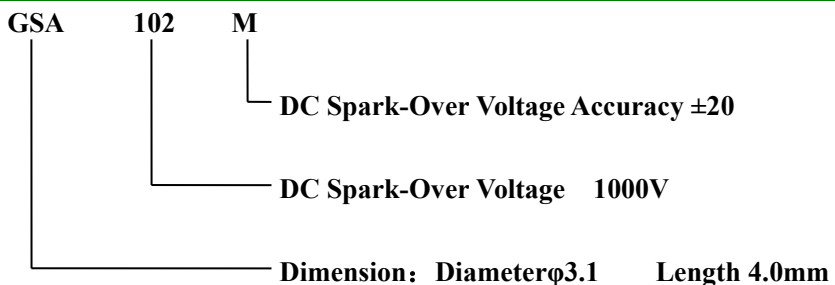
## 5 Marking of colour code: Fast Delivery Time



GSA-401M Photo

Part Number	Colour
GSA-141N	Brown
GSA-181M	Gray
GSA-201M	Red
GSA-251M	Red
GSA-301M	Red
GSA-401M	yellow
GSA-471M	yellow
GSA-501M	Green
GSA-102M	Black
GSA-152M	Green

## 6 Part Number Description:



## 7 Packing Quantity (1500PCS)

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