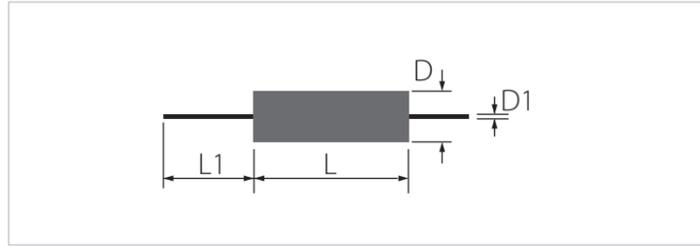


### Dimension



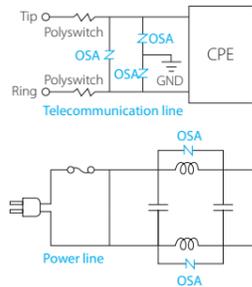
Dimension (mm)			
L	L1	D	D1
8.2±0.5	26.8±3.0	4.1±0.5	0.5±0.05

OSA protects telecommunication system as absorbing the incoming noise of voltage and current deriving from the power and telecommunication signal line or the induced surge of lightning strikes. Shut off the lighting on discharging.

### Features

- Shut off the lighting on discharging.
- Stable against repeated surge voltage.

### Application



### Type Designation

OSA	501	M	A	1
Products Code	DC Spark-Over Voltage	Tolerance	Style	Taping
	401 : 400V 501 : 500V 601 : 600V	M : ±20%	A : Axial Type	0: Bulk 1: 52mm

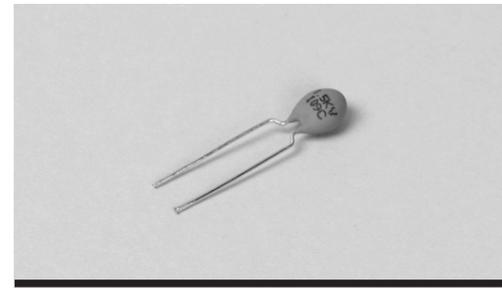
### Characteristics

Type	DC Spark-Over Voltage (V)	Insulated Resistance		Capacitance (pF)	Tolerance (%)	Operating Temp. Range (°C)	Ambient Temperature (°C)	Axial Type
		IR (MΩ)	Measure Voltage (V)					
401	320~480	Over 100	DC 100	Below 1	M : ±20	-40 ~ +85	20	O
501	400~600							
301	480~720							

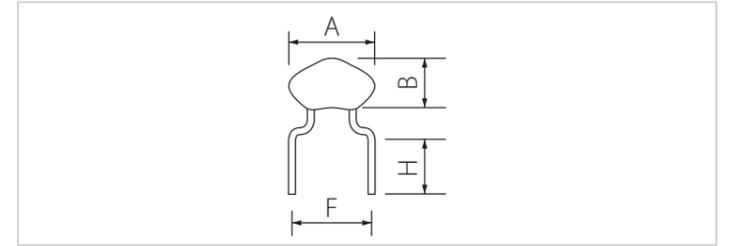
### Performance

Test Items	Performance Requirements	Test Methods
Cold Resistance Test	To meet the specified value	-55±3°C, 1,000hr, measure Vs, IR, C
Heat Resistance Test	To meet the specified value	125±2°C, 1,000hr, measure Vs, IR, C
Humidity Test	To meet the specified value	85±2°C, 85%RH, 1,000hr, measure Vs, IR, C
Temperature Cycle	To meet the specified value	-55±3°C, (30min), Room temp(3min) 125±2°C, (30min), Room temp(3min) -55±3°C, (30min), 200 times, measure Vs, IR, C
Surge Life Test	ΔVs/Vs  ≤ 30%	At 10sec intervals on the 10KV 1.5nF is charged to a 200times.
Surge Current Capacity	Within ±30%	10/700μs 1.5kV/37.5A, ± 5times 8/20μs 1kV/500A, ± 5times

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



### Dimension



Type	Dimension (mm)			
	A ± 1.0	B ± 1.0	H ± 1.0	F ± 1.0
A0	7.0	7.0	4.0	5.0
B0				7.5

SSG absorbs surge by discharging and is manufactured with special paint coating after forming lead wire into specific shape and cutting at a definite rate. These components are ideal for protecting from electrostatic discharges in CRT, CPD and so on.

### Features

- Quick response for surge voltage.
- Low capacitance and high insulation resistance
- Stable against repeated surge voltage.

### Type Designation

SSA	301	M	A	1
Products Code	DC Spark-Over Voltage	Tolerance	Style	Taping
	102 : 1,000V 152 : 1500V	N : ±30%	A : 5mm Type B : 7.5mm Type	0: Bulk 1: 12.7mm 2: 15mm

### Characteristics

Type	DC Spark-Over Voltage (V)	Insulated Resistance		Capacitance (pF)	Tolerance (%)	Operating Temp. Range (°C)	Ambient Temperature (°C)
		IR (MΩ)	Measure Voltage (V)				
102	700~1,300	Over 500	DC 500	1Max	N : ±30	-40 ~ +85	20
152	1,050~1,950						

### Performance

Test Items	Performance Requirements	Test Methods
Cold Resistance Test	To meet the specified value	-25°C, 96hr, measure Vs, IR, C
Heat Resistance Test	To meet the specified value	Temperature : 70±2°C After applying DC 500V for 72hr, leave it at the normal temp and humidity. 4 hr later measure Vs, IR, C
Humidity Test	To meet the specified value	Temperature : 40±2°C, Relative humidity : 90~95% After applying DC 500V for 72hr, Then measure Vs, IR, C at normal temp and humidity
Temperature Cycle	To meet the specified value	-40±3°C, (30min), Room temp(3min) 85±3°C, (30min), 200 times, measure Vs, IR, C
Reliability Test	To meet the specified value	Apply DC 2kV 10,000 times at 2.5sec interval with below circuit

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