

## GS37(2.0×4.0) SPECIFICATION

### FEATURES

- Compared to other surge absorbers with similar functions, this range has the fastest response speed, can withstand the largest current and is the smallest.
- Zero leaking current before clamping voltage.
- Capable of withstanding repeated lightning strikes.
- Stable and very small electrostatic capacitance ( $<1.0\text{pF}$ ) and great isolation ( $>100\text{M}\Omega$ )
- No polluting materials used in construction.
- Bilateral and symmetrical

### APPLICATIONS

- Satellite antenna.
- Amplifier.
- Cassette.
- Radio.
- Alamo and sensors.

### PART NUMBER SYSTEM

GS37----251-----M

(1) (2) (3)

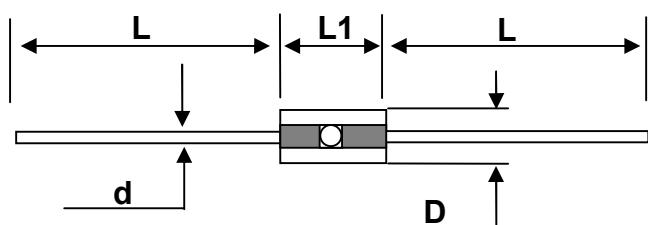
① Series name: GS37

②  $I_{DC}$  Spark-over Voltage :  $251 - 25 \times 10^1 = 250\text{V}$

③ Tolerance of  $I_{DC}$  Spark-over voltage: L  $\pm 15\%$  M  $\pm 20\%$  N  $\pm 30\%$ .

### STRUCTURE

(Unit:mm)



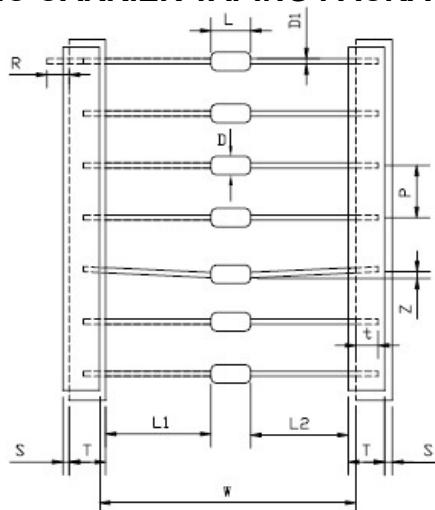
ITEM	GS37
D	$\Phi 2.0 \pm 0.3$
d	$\Phi 0.5 \pm 0.05$
L1	$4.0 \pm 0.3$
L	$28 \pm 3.0$

Part NO.	DC Spark-over voltage	Minimum Insulation Resistance		Maximum Capacitance (1KHz-6Vmax)	Surge current capacity (8/20 $\mu$ s)
	V <sub>s</sub> (V)	Test Voltage(V)	I(M $\Omega$ ) Rohm	C(pF)	(A)
GS37-141M	140	50	100	1	10KV >500A
GS37-201M	200	100	100	1	
GS37-251M	250	100	100	1	
GS37-301M	300	100	100	1	
GS37-401M	400	100	100	1	
GS37-501M	500	250	100	1	
GS37-601M	600	250	100	1	
GS37-701M	700	500	100	1	

### TEMPERATURE RANGE

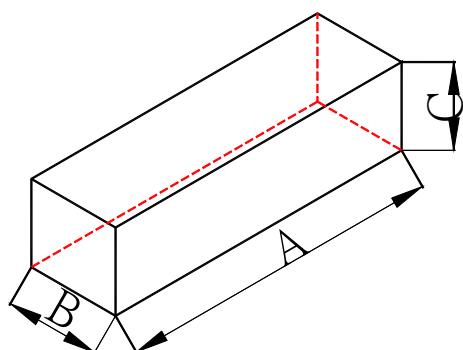
- Working temperature range: -25°C ~ +65°C.
- Storing temperature range: -25°C ~ +85°C.

### PLASTIC CARRIER TAPING PACKAGING



SYMBOL	DIMENSION(mm)
W	52.0±1.5
P	5.0±0.5
L1-L2	1.0max.
T	6.0±1.0
Z	1.2max
t	3.2max
S	0.8max
D	Φ2.0±0.3
D1	Φ0.5±0.05
L	4.0±0.3

### INNER BOX DRAWING



SYMBOL	DIMENSION(mm)	QUANTITY
A	255.0	4000PCS
B	73.0	
C	98.0	