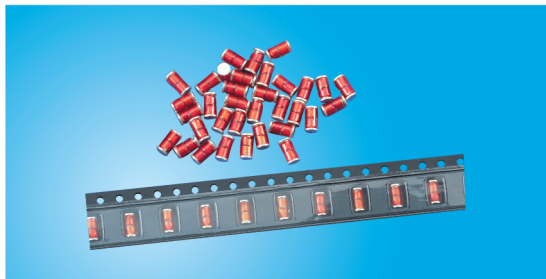


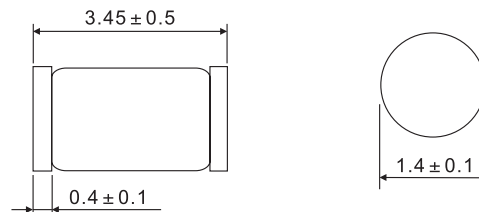
## Type GSMD35 Series / 貼片突波吸收器

### Surface mounted Surge Absorber

**RoHS**



#### Dimensions(mm)尺寸



#### Features 特性

- Protection form lightning surge
- Surface mounted Surge Absorber
- Impulse current capacity 1kV 10x700  $\mu$ s
- Impulse current capacity 0.5kA 8x20  $\mu$ s

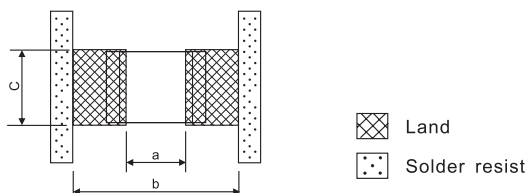
#### Applications 應用

- CATV modem, Telecom protection,
- Hub protection, Security systems,
- Data acquisition and Audio systems.
- Set-Top Box protection,

#### Electrical Specifications 電氣特性

Catalog Number 料號	DC Spark-Over Voltage 標稱直流擊穿電壓 100V/s Vs(V)	Impulse Spark Over 衝擊擊穿電壓 1KV/ $\mu$ s Vis(V) Max.	Nom Impulse Discharge Current 耐衝擊電流 10x700 $\mu$ s kV	Nom Impulse Discharge Current 耐衝擊電流 8x20 $\mu$ s(A)	Insulation Resistance 絕緣電阻		Capacitance 電容值 C 1kHz<6V pF Max.
					Min. M $\Omega$	DC V	
GSMD35-141N	140V $\pm$ 30%	500	1.0	0.5	100	50	1.0
GSMD35-201M	200V $\pm$ 20%	600	1.0	0.5	100	100	1.0
GSMD35-251M	250V $\pm$ 20%	650	1.0	0.5	100	100	1.0
GSMD35-301M	300V $\pm$ 20%	900	1.0	0.5	100	100	1.0
GSMD35-401M	400V $\pm$ 20%	1000	1.0	0.5	100	100	1.0
GSMD35-501M	500V $\pm$ 20%		1.0	0.5	100	100	1.0
GSMD35-601M	600V $\pm$ 20%		1.0	0.5	100	250	1.0
GSMD35-102M	1000V $\pm$ 20%		1.0	0.5	100	250	1.0

#### Recommended Land Pattern



Soldering Moder	Dimensions(mm)		
	a	b	c
Reflow Soldering	1.7	5.5 to 7.5	2.0
Flow Soldering	1.9	5.5 to 8.5	2.2

#### Materials 材料

Chipset:Si Oxide  
Metallization of Glass body  
End termination:Dumet wire  
End termination overcoat: Tin

#### Operation Temperature 工作溫度

-40 $^{\circ}$ C to 125 $^{\circ}$ C

#### Packaging 包裝

On Taping:GSMD35 series-2500pcs Per Reel  
GSMD35 series-25000pcs outer box