

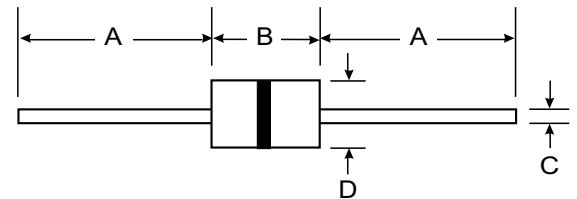


Features

- Small Capacitance and excellent Insulation Resistance(100M Ω min)
- Small Size, No Polarity, No Dark effect
- Low Electrode Capacitance (1pF Max).
- Quick Response For Electrostatic, Voltage and low limiting voltage
- Stable for repeated discharge test conditions.
- Operating Temperature: -40 $^{\circ}$ C ~ + 85 $^{\circ}$ C
- Storage temperature: -40 $^{\circ}$ C ~ + 125 $^{\circ}$ C

Application

- 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 Toammeter, Water Meter Auto Admin system, etc



DIP		
Dim	Typ	Max
A	28.0	28.3
B	4.30	4.60
C	0.50	0.55
D	2.60	2.90
All Dimensions in mm		

Electrical Characteristics

Number	DC Spark-Over Voltage Vs(V)		Insulation Resistance		Capacitance of electrostatic	Surge current capacity	Surge Life
	Nominal value	(Min-Max)	Test voltage	IR (M Ω)	1KHz-6V	8/20us	
GS41-141N	140V	(98V-182V)	DC50V	>100 M Ω	<1PF	1000A	10/700us
GS41-181N	180V	(126V-234V)					
GS41-201M	200V	(160V-240V)					
GS41-251M	250V	(200V-300V)	DC100V				
GS41-301M	300V	(240V-360V)	DC250V				
GS41-401M	400V	(320V-480V)					
GS41-471M	470V	(400V-560V)					
GS41-501M	500V	(400V-600V)					
GS41-601M	600V	(480V-720V)	DC500V				
GS41-701M	700V	(560V-840V)					
GS41-801M	800V	(640V-960V)					
GS41-102M	1000V	(800V-1200V)	DC500V	>100M Ω			4KV
GS41-152M	1500V	(1200V-1800V)					

Spark Gap (SPG) Data Sheet

Part Number	Colour
GS41-141N	Brown
GS41-181N	Gray
GS41-201M	Red
GS41-251M	Red+Blue
GS41-301M	Red
GS41-401M	yellow
GS41-471M	yellow
GS41-501M	Green
GS41-601M	Blue
GS41-701M	Purple
GS41-801M	---
GS41-901M	---
GS41-102M	Black
GS41-152M	Black+Green+Red



Part Number Description:

