



GSA-141N-GSA-152M

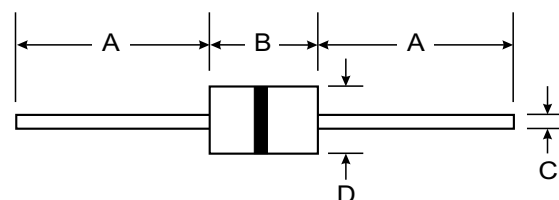
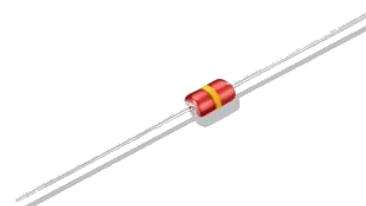
AXIAL LEADED GLASS TUBE

Features

- Small Capacitance and excellent Insulation Resistance($100M\Omega$ 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: $-40^{\circ}C \sim +85^{\circ}C$
- Storage temperature: $-40^{\circ}C \sim +125^{\circ}C$

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	Min	Max
A	3.1	0.3
B	4.0	0.4
C	0.5	0.1
D	28.4	0.5
All Dimensions in mm		

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)					



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



Part Number Description:

GSA	102	M	
			DC Spark-Over Voltage Accuracy ± 20
			DC Spark-Over Voltage 1000V
			Dimension: Diameter $\phi 3.1$ Length 4.0mm