



# GSS-141N - GSS501M

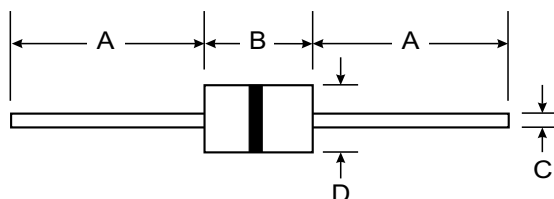
## AXIAL LEADED GLASS TUBE

### 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°C ~ + 85°C
- Storage temperature: -40°C ~ + 125°C

### Application

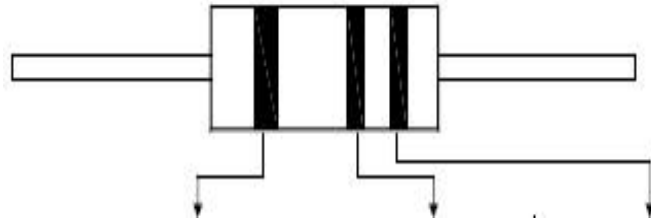
- For instantaneous over-voltage protection to ADSL, ISDN, MODEM, FAX, TEL, Power Supplies, Alarm systems
- For Instantaneous over-voltage protection to RS485, RS232 Port, CATV, Video Transceiver.
- For Instantaneous Over-Voltage Protection Toammeter, Water Meter Auto Admin system, etc



| DIP                  |      |     |
|----------------------|------|-----|
| Dim                  | Min  | Max |
| A                    | 28.4 | 0.5 |
| B                    | 7.0  | 0.4 |
| C                    | 0.5  | 0.1 |
| D                    | 3.1  | 0.3 |
| All Dimensions in mm |      |     |

### Electrical Characteristics

| Part Number | Spark-Over Vs(V) |                   | Insulation | Resistance      | Capacitance of electrostatic | Surge current capacity | Surge Life                 |
|-------------|------------------|-------------------|------------|-----------------|------------------------------|------------------------|----------------------------|
|             | DC Nominal value | Voltage (Min-Max) |            |                 |                              |                        |                            |
| GSS-141N    | 140V             | (98V-182V)        | DC100V     | >1000M $\Omega$ | 1PF(MAX)                     | 3000A                  | 8/20us<br>150A<br>300times |
| GSS-181N    | 180V             | (126V-234V)       |            |                 |                              |                        |                            |
| GSS-201M    | 200V             | (160V-240V)       |            |                 |                              |                        |                            |
| GSS-251M    | 250V             | (200V-300V)       |            |                 |                              |                        |                            |
| GSS-301M    | 300V             | (240V-360V)       | DC250V     | >1000M $\Omega$ | 1PF(MAX)                     | 3000A                  | 8/20us<br>150A<br>300times |
| GSS-401M    | 400V             | (320V-480V)       |            |                 |                              |                        |                            |
| GSS-471M    | 470V             | (400V-560V)       |            |                 |                              |                        |                            |
| GSS-501M    | 500V             | (400V-600V)       |            |                 |                              |                        |                            |



### 6 Part Number Description:

2 of 2