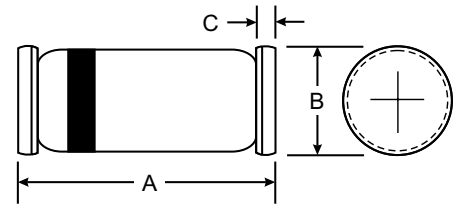


Features

- Small Capacitance and excellent Insulation Resistance(100MΩ 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

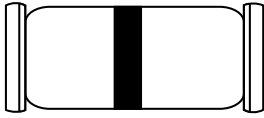
- For instantaneous over-voltage protection to ADSL, ISDN,
- MODEM, FAX, TEL, Power Supplies , Alarm systems
- For Instantaneous over-voltage protection to RS485, RS232 Port, CATV, Video Transceiver.
- For Instantaneous Over-Voltage Protection Toammeter, Water Meter Auto Admin system, etc

LL34/ SOD-80		
Dim	Min	Max
A	3.30	3.70
B	1.30	1.60
C	0.28	0.50
All Dimensions in mm		



Electrical Characteristics

Part Number	DC Spark-Over Voltage Vs(V)		Insulation Resistance		Capacitance of electrostatic	Surge current	Surge Life Test	
	Nominal value	(min-max)	Test voltage	IR (MΩ)	1KHz-6V(PF)	capacity 8/20us		
SMB-141N	140V	(98V-182V)	DC100V	>1000MΩ	1PF(MAX)	1000A	8/20us	
SMB-181N	180V	(126V-234V)						
SMB-201M	200V	(160V-240V)						
SMB-251M	250V	(200V-300V)						
SMB-301M	300V	(240V-360V)						
SMB-401M	400V	(320V-480V)						
SMB-471M	470V	(400V-560V)	DC250V	>1000MΩ			1000A	
SMB-501M	500V	(400V-600V)						
SMD-901M	900V	(720V-1080V)						
SMB-901M	900V	(720V-1080V)						10times



SMB **501** **M**

DC Spark-Over Voltage Accuracy ± 20

DC Spark-Over Voltage 500V

Dimension: Diameter $\phi 2.6$ Length 5.0mm