

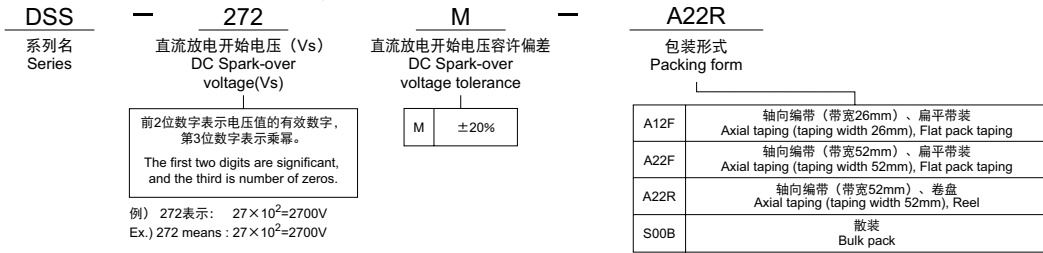
■ 特长

- 结构极其小巧，且放电开始电压为高电压(备有2700、3000V共2个品种)
- DSS-272M可适应AC1200V-3秒或AC1000V-1分钟、DSS-302M可适应AC1500V-1分钟的AC耐压试验
- 浪涌吸收性好，限制电压低
- 静电容量小，绝缘性(100MΩ以上)优异
- 可稳定应对反复浪涌及环境变化
- 无极性
- 无明显暗效应
- 本系列已获得UL1449、CSA、TÜV认证
- 使用温度范围(一般规格)：-40~85℃
- 保存温度范围(一般规格)：-55~125℃

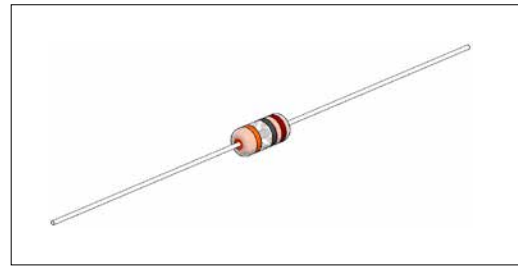
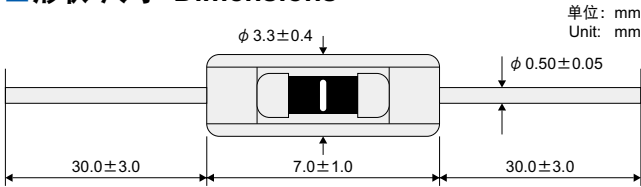
■ Features

- High DC spark-over voltage in spite of compact size (2types; 2700, 3000V).
- DSS-272M and DSS-302M each correspond to 1200volts rms 3seconds or 1000volts rms 1minute and 1500volts rms 1minute AC withstanding voltage tests respectively.
- Quick response for surge voltage and low limiting voltage.
- Small capacitance and excellent insulation resistance (100MΩmin)
- Stable for repeated discharge test conditions and environmental fluctuation.
- No polarity.
- No dark effect.
- This series are recognized under UL1449, CSA and TÜV.
- Operating temperature limit: -40~85℃
- Storage Temperature Range: -55~125℃

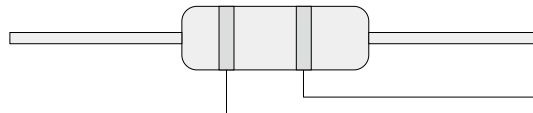
■ 型号构成 Part number system



■ 形状·尺寸 Dimensions



■ 标记 Marking



颜色代码 Color code	第一色带 First color band	第二色带 Second color band	
		型号 Part number	生产批号个位数 The unit digit of lot number
黑 Black			0
褐 Brown			1
红 Red	272M		2
橙 Orange	302M		3
黄 Yellow			4
绿 Green			5
蓝 Blue			6
紫 Purple			7
灰 Gray			8
白 White			9

■ 特性 Characteristics

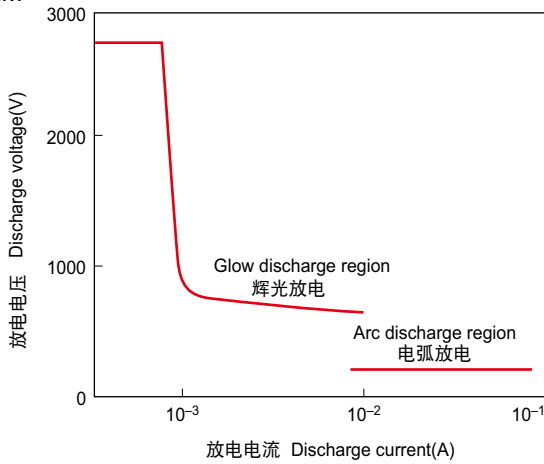
型号 Part number	直流放电开始电压 DC spark-over voltage Vs	绝缘阻抗 Insulation resistance IR		静电容量 Electrostatic capacitance 1kHz-6V max C	AC耐电压 AC withstanding voltage	浪涌耐量 Surge current capacity 8/20 μs	浪涌寿命 Surge life test	UL规格认证产品 UL recognized	CSA规格认证产品 CSA recognized	EN规格认证产品 EN recognized
		≥ 100MΩ	DC500V					UL1449 File No. E318314	CSA C22.2No.269.5-17 File No. 111411	EN62368-1 TÜV Report No J9750615
DSS-272M	2,700V (2,160~3,240)	≥ 100MΩ	DC500V	≤ 1pF	AC1,000V-1min AC1,200V-3s	500A	8/20 μs 50A 300 times	○ 1)	○ 1)	—
DSS-302M	3,000V (2,400~3,600)				AC1,500V-1min			○ 1)	○ 1)	○ 2)

- 1) 与压敏电阻 (AC125V : V1mA ≥ 270V, D ≥ φ 5mm, AC250V : V1mA ≥ 470V, D ≥ φ 5mm) 电气串接即可被认证。
: Approved if used with a varistor (125VAC : V1mA ≥ 270V, φ ≥ 5mm; 250VAC : V1mA ≥ 470V, φ ≥ 5mm) electrically connected in series.
- 2) 与压敏电阻 (V 1mA ≥ 470V, D ≥ φ 10mm) 电气串接即可被认证。
: Approved if used with a varistor (V1mA ≥ 470V, φ ≥ 10mm) electrically connected in series.
- 3) 安全标准认定条件可能会被修订。关于最新的认定状况，请确认各标准的主页。
: Safety standard certification conditions may be revised. Would you confirm the web site of each standard about the latest information.

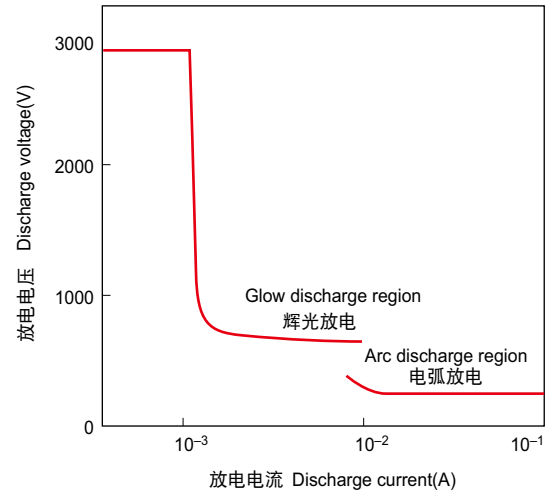


■ V—I 特性(参考值) Characteristics (Reference)

DSS-272M



DSS-302M

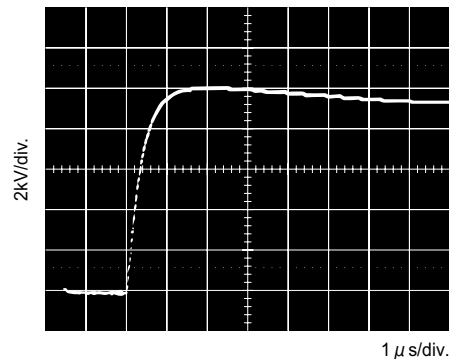


■ 浪涌响应特性(参考值) Surge Response characteristics (Reference)

浪涌原波形

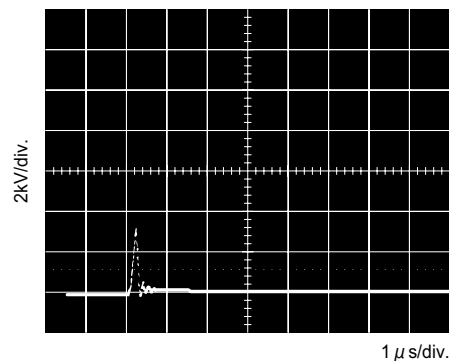
Original waveform

1.2/50 μ s 10kV



DSS-272M响应波形

DSS-272M Response waveform



DSS-302M响应波形

DSS-302M Response waveform

