

特点

- 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。
- 无明暗效应。
- 本系列已获得UL1449、CSA、TÜV认证。

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.

型号构成 Part number system

DSS

系列名
Series

272

直流放电开始电压 (Vs)
DC Spark-over
voltage(Vs)

前2位数字表示电压值的有效数字，
第3位数字表示乘幂。
The first two digits are significant,
and the third is number of zeros.

例) 272表示 $27 \times 10^2=2700V$
Ex.) 272 means : $27 \times 10^2=2700V$

M

直流放电开始电压容许偏差
DC Spark-over
voltage tolerance

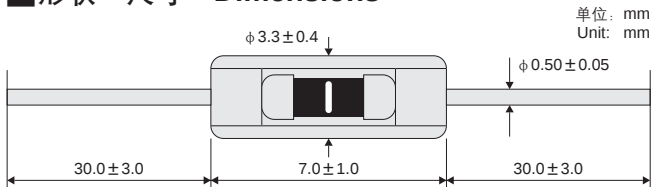
M $\pm 20\%$

A22R

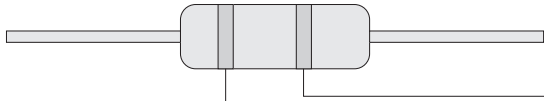
包装形式
Packing form

A12F	轴向编带（带宽26mm）、扁平带装 Axial taping (taping width 26mm), Flat pack taping
A22F	轴向编带（带宽52mm）、扁平带装 Axial taping (taping width 52mm), Flat pack taping
A22R	轴向编带（带宽52mm）、卷盘 Axial taping (taping width 52mm), Reel
S00B	散装 Bulk pack

形状・尺寸 Dimensions



标记 Marking



颜色代码 Color code	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

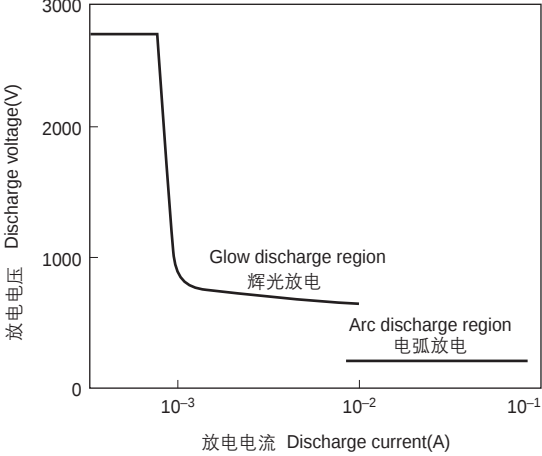
特性 Characteristics

型 号 Part number	直流放电开始电压 DC spark-over voltage Vs(V)	绝缘阻抗 Insulation resistance IR		静电容量 Electrostatic capacitance 1kHz-6V max.	浪涌耐量 Surge current capacity	浪涌寿命 Surge life test	AC耐电压 AC withstanding voltage	UL规格认证产品 UL approved 3) UL1449	CSA规格 CSA approved 4) C22.No.1	EN认证 EN approved 5) EN60065 EN60950-1
DSS-272M	2,700V(2,160~3,240)	100MΩmin.	DC500V	1pF max.	500A	8/20μsec50A 300次 300 times	AC1,200V-3sec. AC1,000V-1min.	○1)	○2)	—
DSS-302M	3,000V(2,400~3,600)						AC1,500V-1min.	○1)	○1)	○3)

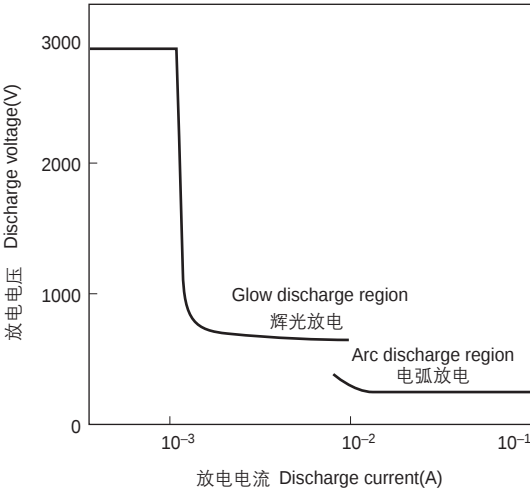
- 1) : 与压敏电阻（AC125V:V1mA≥270V, D≥φ5mm, AC250V:V1mA≥470V, D≥φ5mm）电气串接（导线绕焊、压接、焊接等）即可被认证。
Approved if used with a varistor (125VAC : V1mA≥270V, φ≥5mm ; 250VAC : V1mA≥470V, φ≥5mm) electrically connected in series (soldered, crimped, or welded).
- 2) : 与压敏电阻（V1mA≥470V, D≥φ10mm）电气串接（导线绕焊、压接、焊接）即可被认证。
Approved if used with a varistor (V1mA≥470V, φ≥10mm) electrically connected in series (soldered, crimped, or welded).
- 3) : UL Standard UL1449 File No.E318314
- 4) : CSA Standard C22.2 No1 File No. CA111411
- 5) : TÜV Report No J9750615.

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

DSS-272M

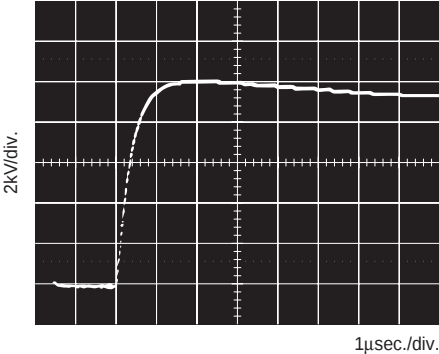


DSS-302M

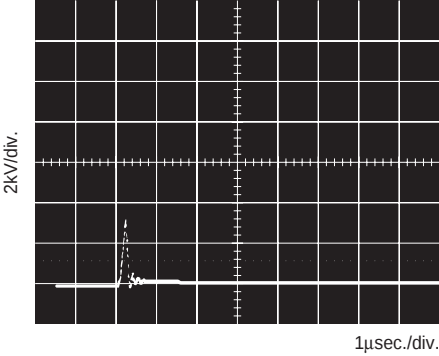


■ 浪涌响应特性(参考値) Surge Response characteristics (Reference)

浪涌原波形
Original waveform
1.2/50μsec.10kV



DSS-272M响应波形
DSS-272M Response waveform



DSS-302M响应波形
DSS-302M Response waveform

