

■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)
- DSP-272M可适应AC1200V-3秒或AC1000V-1分钟，DSP-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UL1414、UL1449、CSA、TÜV认证。

■典型用途

- AC适配器的浪涌。
- TV、VCR天线电路。
- 通信线路(T、R-GND之间进行AC耐电压试验时)。

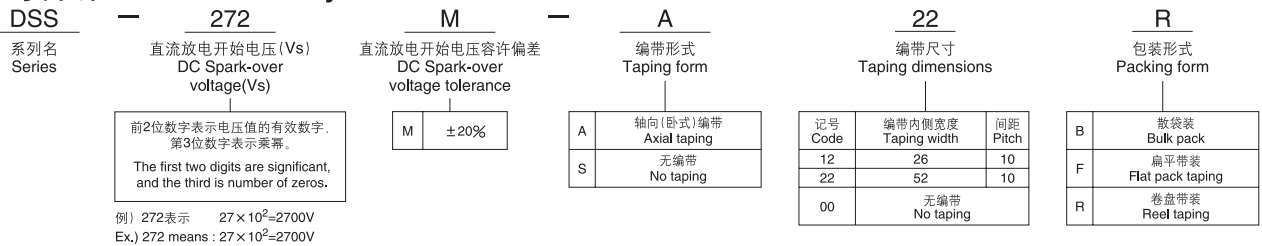
■Features

- 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 UL 1414, UL1449, CSA and TÜV.

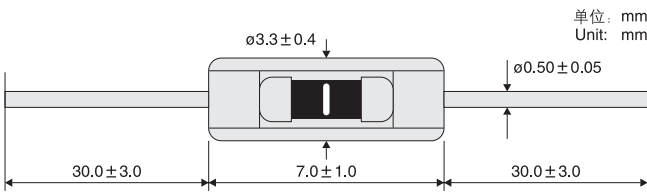
■Typical applications

- AC Adaptor.
- Antenna-circuit of TV, VCR.
- Communication lines. (If T, R-GND AC withstanding test is required.)

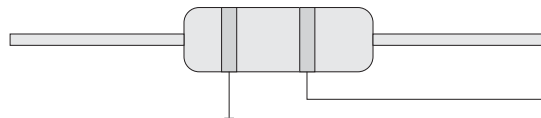
■型号构成 Part number system



■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		
茶	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		

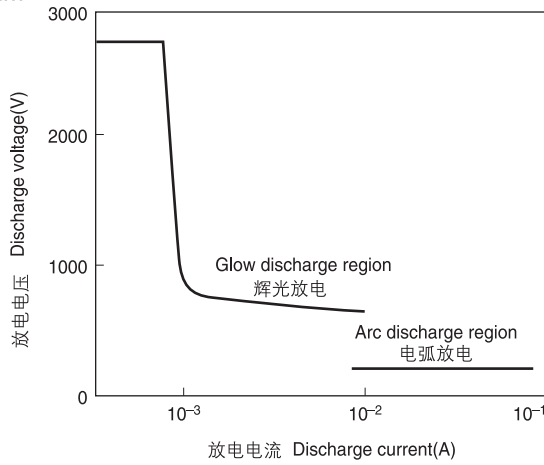
■特性 Characteristics

系列名 Series	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(Ω)	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		CSA规格 CSA approved	EN认证 EN approved
								4)	5)		
DSS	DSS-272M	2,700V(2,160~3,240)	100MΩmin. (测量电压) DC500V measured with DC 500V	1pF max.	8/20μsec-500A	8/20μsec50A 300次 300 times	AC1,200V-3sec. AC1,000V-1min.	○1)	○1)	○2)	-
	DSS-302M	3,000V(2,400~3,600)					AC1,500V-1min.	○1)	○1)	○2)	○3)

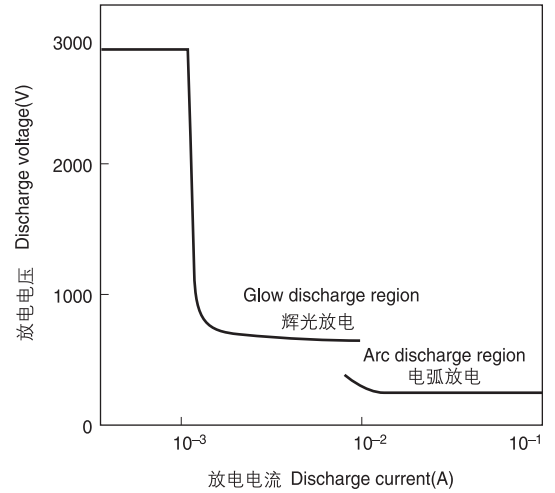
1) 与UL认证压敏电阻(V 1mA≥270V)电气串联(导线绕焊、压接、焊接等)即可被认证。
 Approved if used together with a UL approved varistor (V1mA≥270V), electrically connected in series by means such as twist and soldering, staking, welding etc.
 2) 与压敏电阻(AC125V V 1mA≥270V D≥φ5mm; AC250V V 1mA≥470V D≥φ5mm)电气串联(导线绕焊、压接、焊接等)即可被认证。
 Approved if used together with a varistor (AC125V: V1mA≥270V, D≥φ5mm, AC250V: V1mA≥470V, D≥φ5mm), electrically connected in series by means such as twist and soldering, staking, welding etc.
 3) 与压敏电阻(V 1mA≥470V D≥φ10mm)电气串联(导线绕焊、压接、焊接等)即可被认证。
 Approved if used together with a varistor (V1mA≥470V, D≥φ10mm), electrically connected in series by means such as twist and soldering, staking, welding etc.
 4) UL Standard UL1414 File No.E89615 (N)
 5) UL Standard UL1449 File No.E70785 (S)
 6) CSA Standard C22.2 No1-94 File No.CA111411
 7) DSS-302M has received recognition to EN132400 through TÜV. Report No J9750615.

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

DSS-272M



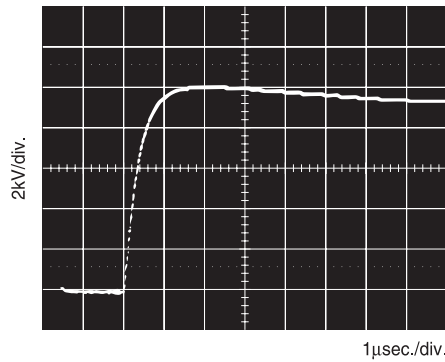
DSS-302M



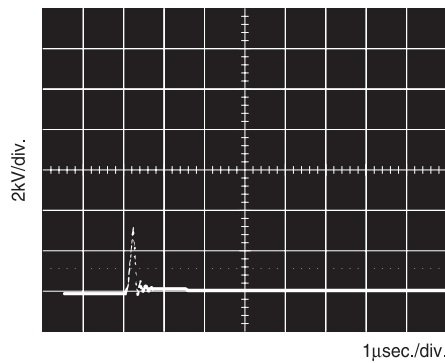
浪涌吸收器
SURGE ABSORBER

■ 浪涌响应特性(参考值) 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

