

■特点

- 结构极其小巧，且放电开始电压为高电压。
(备有1000、1500、2700、3000V4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试验。
- 静电浪涌吸收性好，限制电压低。
- 静电容量小，绝缘性(100MΩ以上)优异。
- 可稳定应对反复静电浪涌及环境变化。
- 无极性。
- 无明显暗效应。

■典型用途

- 显像管式显示装置、监视器的防内部静电放电。
- 无绳电话的充电端子。

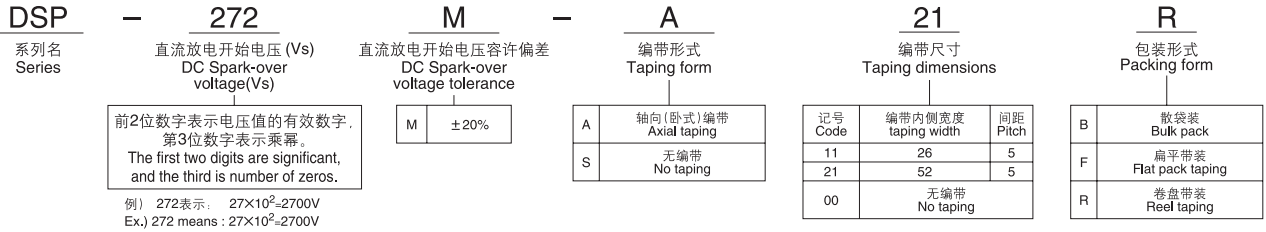
■Features

- High DC spark-over voltage (4types; 1000, 1500, 2700, 3000V) in spite of compact size.
- DSP-272M and DSP-302M each correspond to 1200volts rms 3seconds or 1000volts rms 1minute and 1500volts rms 1minute AC withstanding voltage tests respectively.
- Quick response for electrostatic surge and low limiting voltage.
- Small capacitance and excellent insulation resistance (100M Ω min)
- Stable for repeated electrostatic test conditions and environmental fluctuation.
- No polarity.
- No dark effect.

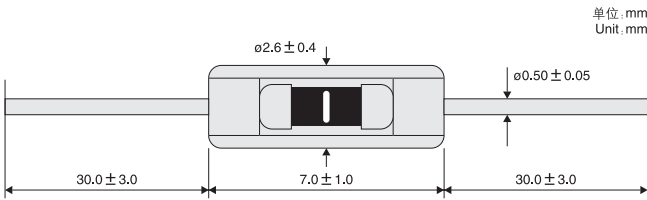
■Typical applications

- Protect driver IC and transistors in CRT displays and TV monitors from internal electrostatic discharge.
- Cordless telephone charging terminal.

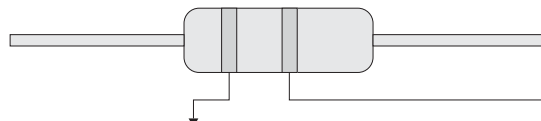
■型号构成 Part number system



■形状·尺寸 Dimensions



■标记 Marking



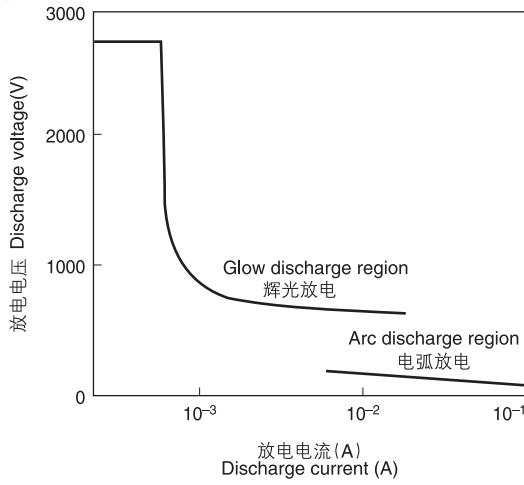
颜色代码 Color code	第一色带 First color band	第二色带 Second color band
	型号 Part number	生产批号个位数 The unit digit of lot number
黑 Black	102M	0
茶 Brown	152M	1
红 Red	272M	2
橙 Orange	302M	3
黄 Yellow		4
绿 Green		5
蓝 Blue		6
紫 Purple		7
灰 Gray		8
白 White		9

■特性 Characteristics

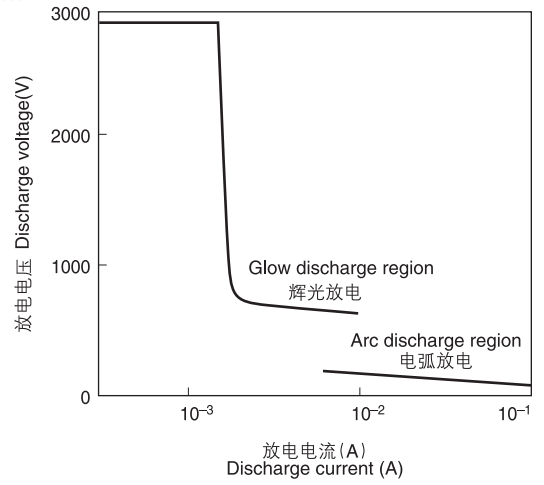
系列名 Series	型号 Part number	直流放电开始电压 DC spark-over voltage Vs(V)	绝缘阻抗 Insulation resistance IR(Ω)	静电容量 Electrostatic capacitance 1kHz-6V max.	浪涌耐量 Surge current capacity	浪涌寿命 Surge life test	AC耐电压 AC withstanding voltage
DSP	DSP-102M	1,000V(800~1,200)	100MΩmin. (测定电压)DC500V measured with DC 500V	1pF max.	8/20μsec-300A	1,500pF-0Ω-10kV 200 times	无 (nothing)
	DSP-152M	1,500V(1,200~1,800)					无 (nothing)
	DSP-272M	2,700V(2,160~3,240)					AC1,200V-3sec. AC1,000V-1min.
	DSP-302M	3,000V(2,400~3,600)					AC1,500V-1min.

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

DSP-272M

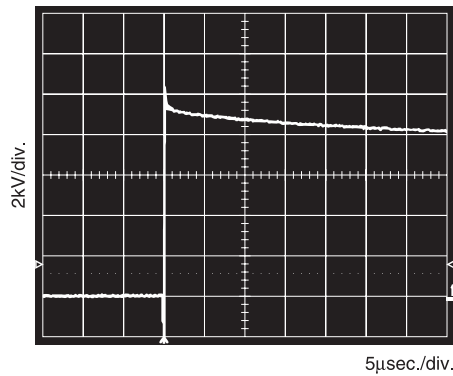


DSP-302M

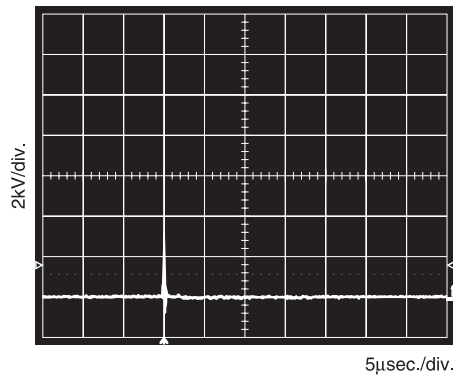


■ 静电响应特性(参考值) Electrostatic response characteristics (Reference)

静电原波形 Original waveform
500pF-500Ω-10kV



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



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

