

■特点

- 可用于车载音响、无线电设备、VTR、BS调谐器等天线的防静电。
- 可用于显示装置、监视器的防管内放电(DSP-141N型除外)。
- 可用于其他防静电。

■Features

- Car radio, radio cassette, wireless, new media.
- Protection from electrostatic discharge in a CRT display or monitor TV. (Except DSP-141N)
- Protection against electrostatic discharge.

■型号构成 Part number system

DSP

系列名  
Series

301

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) 301表示:  
30 × 10<sup>1</sup> = 300v  
Ex.) 301 means:  
30 × 10<sup>1</sup> = 300v

N

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

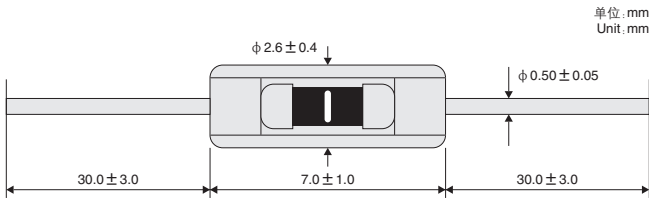
M	±20%
N	±30%

S 00 B

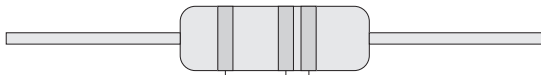
包装形式  
Packing form

A11F	轴向编带(带宽26mm)、扁平带装 Axial taping (taping width 26mm), Flat pack taping
A21F	轴向编带(带宽52mm)、扁平带装 Axial taping (taping width 52mm), Flat pack taping
A21R	轴向编带(带宽52mm)、卷盘 Axial taping (taping width 52mm), Reel taping
C04F	径向编带、扁平带装 Radial, Flat pack taping
S00B	散装 Bulk pack

■形状·尺寸 Dimensions



■标记 Marking

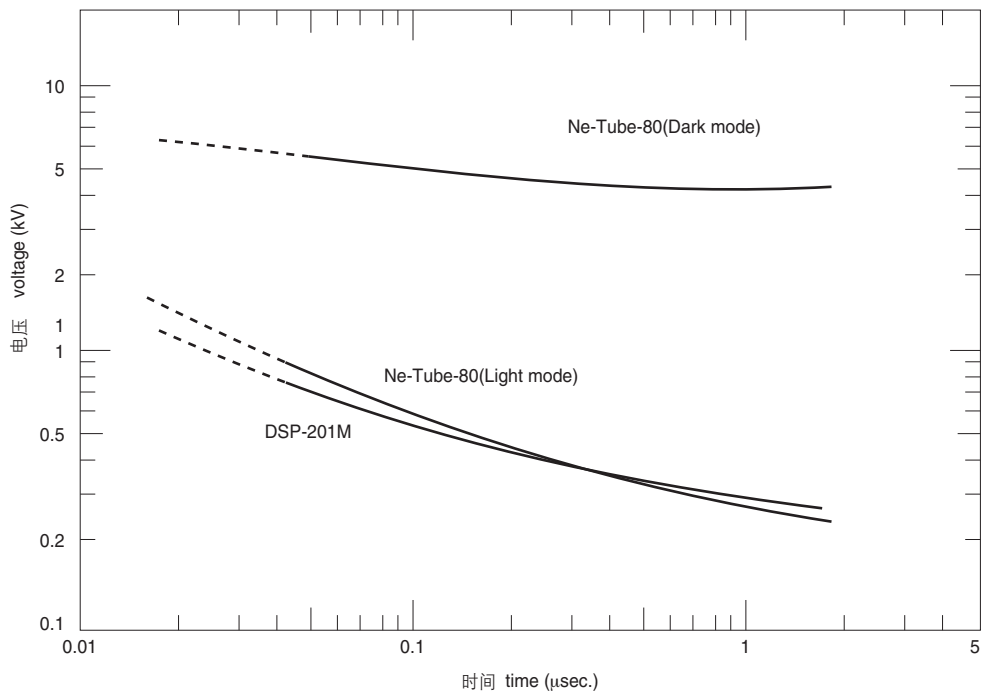


颜色代码 Color code	第一色带 First color band		第二色带 Second color band		第三色带 Third color band	
	型号 Part number	生产批号十位数 The tens digit of product Lot No.	生产批号十位数 The tens digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.
黑 Black			0		0	
茶 Brown			1		1	
红 Red	201M		2		2	
橙 Orange	301N		3		3	
黄 Yellow			4		4	
绿 Green	501N		5		5	
蓝 Blue			6		6	
紫 Purple	751N		7		7	
灰 Gray			8		8	
白 White	141N		9		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	浪涌寿命 Surge life test
DSP-141N	140V (98~182)	100MΩmin.	1pF max.	1500pF-0Ω-10kV 200 times
DSP-201M	200V (160~240)			
DSP-301N	300V (210~390)			
DSP-501N	500V (350~650)			
DSP-751N	750V (525~975)			

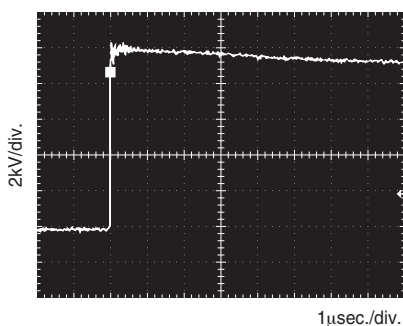
■ V—t特性(参考值) V—t Characteristics (Reference)



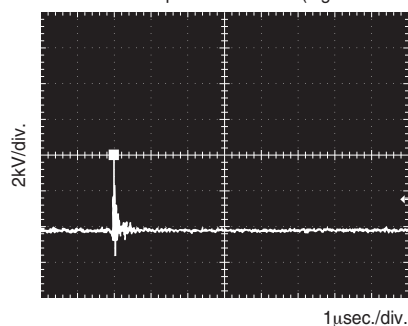
- 表现出快速响应瞬变静电的特性。
- 无明显暗效应。
- Rapid response against electrostatic discharge with instantaneous rise.
- No dark effect.

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

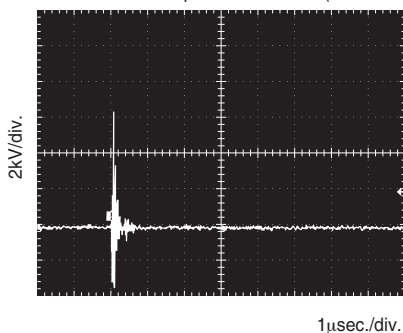
静电原波形 Original waveform  
500pF—500Ω—10kV



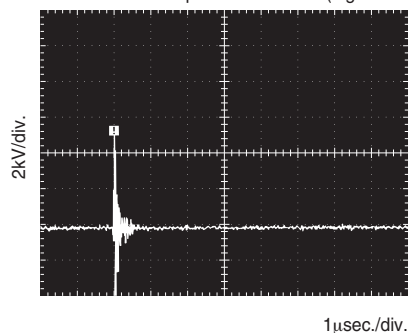
DSP-201M 响应波形(明、暗)  
DSP-201M Response waveform (Light & Dark mode)



Ne管(80V)响应波形(暗)  
Ne-Tube-80V Response waveform (Dark mode)



Ne管(80V)响应波形(明)  
Ne-Tube-80V Response waveform (Light mode)



■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。

■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.

■型号构成 Part number system

DSP — 272 — M — A 21 R

系列名  
Series

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

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

包装形式  
Packing form

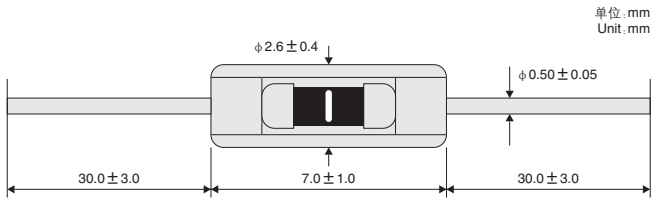
前2位数字表示电压值的有效数字，  
第3位数字表示乘幂。  
The first two digits are significant,  
and the third is number of zeros.

M ±20%

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

A11F	轴向编带(带宽26mm)、扁平带装 Axial taping (taping width 26mm), Flat pack taping
A21F	轴向编带(带宽52mm)、扁平带装 Axial taping (taping width 52mm), Flat pack taping
A21R	轴向编带(带宽52mm)、卷盘 Axial taping (taping width 52mm), Reel taping
S00B	散装 Bulk pack

■形状·尺寸 Dimensions



■标记 Marking



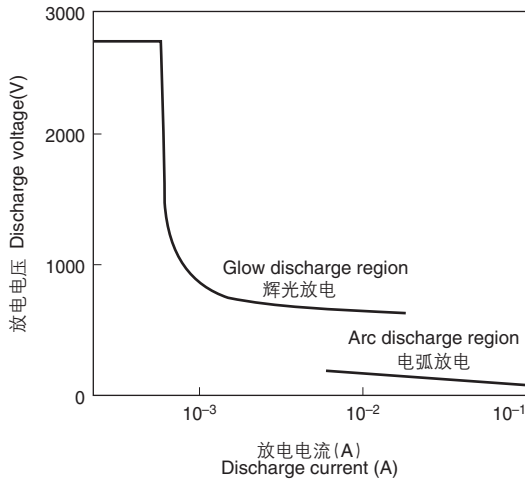
颜色代码 Color code	First color band 型号 Part number	第二色带 Second color band 生产批号个位数 The unit digit of lot number	
		102M	0
黑 Black	102M	152M	1
茶 Brown	152M	272M	2
红 Red	272M	302M	3
橙 Orange	302M		4
黄 Yellow			5
绿 Green			6
蓝 Blue			7
紫 Purple			8
灰 Gray			9
白 White			

■特性 Characteristics

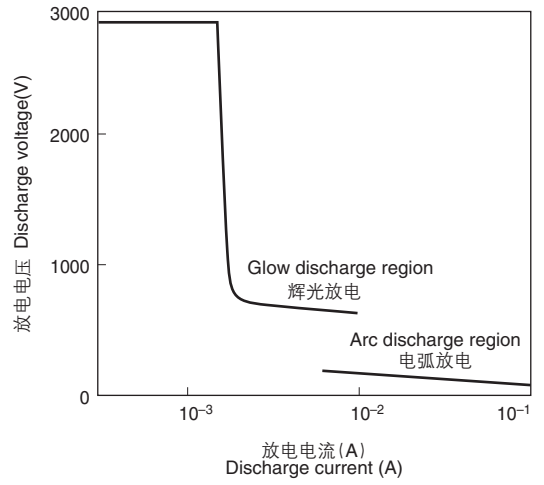
型号 Part number	直流放电开始电压 DC spark-over voltage Vs(V)	绝缘阻抗 Insulation resistance IR		静电容量 Electrostatic capacitance 1kHz-6V max.	浪涌耐量 Surge current capacity	浪涌寿命 Surge life test	AC耐电压 AC withstanding voltage
DSP-102M	1,000V(800~1,200)	100MΩmin.	DC 500V	1pF max.	300A	1,500pF-0Q-10kV 200 times	无 (nothing)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

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

DSP-272M

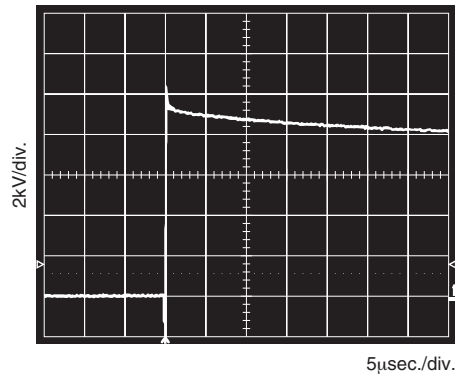


DSP-302M

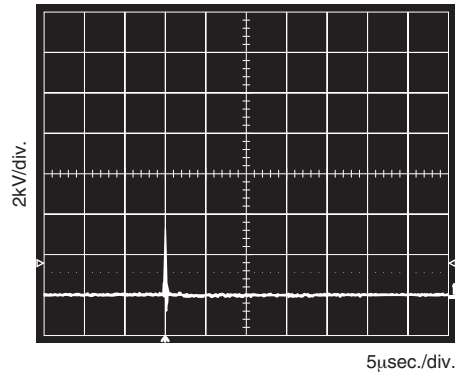


■ 静电响应特性(参考值) Electrostatic response characteristics (Reference)

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

