

# DIA浪涌保护器(DSP)

# DIA SURGE PROTECTOR (DSP)

防静电用

For ESD

## 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。

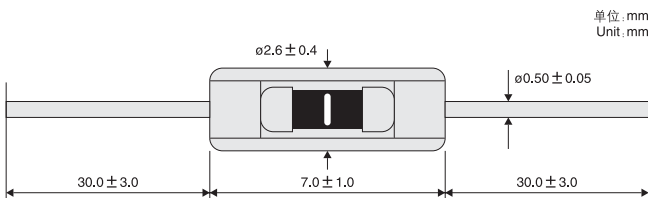
## Features

- 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.

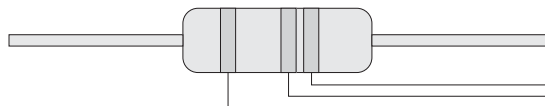
## 型号构成 Part number system

<b>DSP</b> 系列名 Series	<b>301</b> 直流Series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	<b>N</b> 直流放电开始电压容许偏差 DC Spark-over voltage tolerance  M ±20% N ±30%	<b>S</b> 编带形式 Taping form  A 轴向(卧式)编带 Axial taping  C 径向(立式)编带 Radial taping  S 无编带 No taping	<b>00</b> 编带尺寸 Taping dimensions  记号 Code 编带内侧宽度 Taping width (径向编带) (Radial taping) 间距 Pitch  11 26 5 21 52 5 00 无编带 No taping	<b>B</b> 包装形式 Packing form  B 散装 Bulk pack F 扁平包装 Flat pack taping R 带盘包装 Reel taping
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## 形状·尺寸 Dimensions



## 标记 Marking

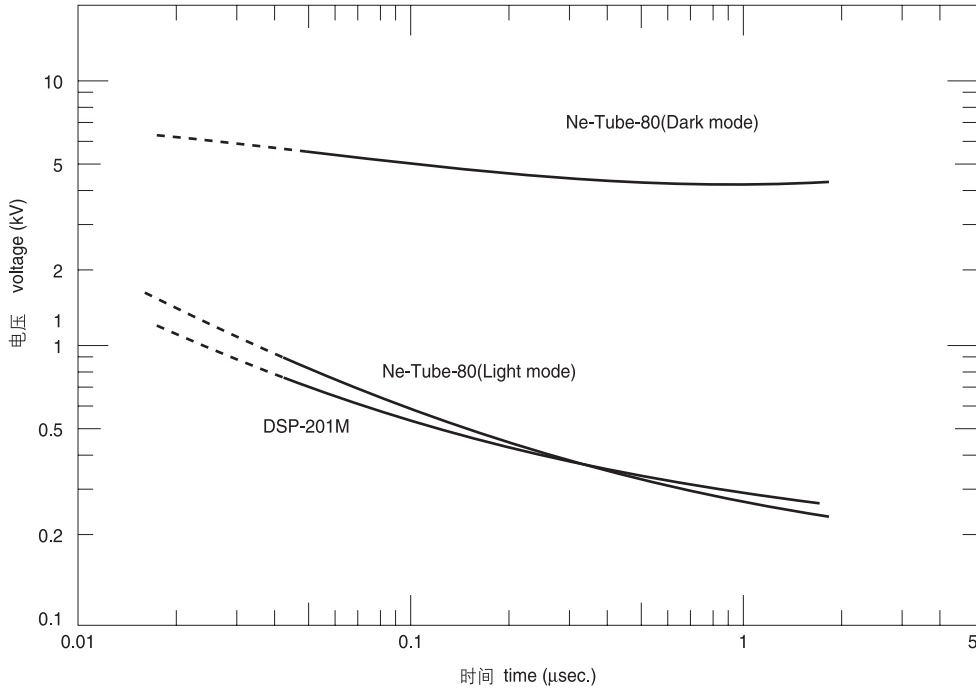


颜色代码 Color code	第一色带 First color band		第二色带 Second color band		第三色带 Third color band	
	型号 Part number	生产批号十位数 The tens digit of product Lot No.	生产批号十位数 The tens digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.	生产批号个位数 The unit digit of product Lot No.
黑 Black		0	0	0	0	0
褐 Brown		1	1	1	1	1
红 Red	201M	2	2	2	2	2
橙 Orange	301N	3	3	3	3	3
黄 Yellow		4	4	4	4	4
绿 Green	501N	5	5	5	5	5
蓝 Blue		6	6	6	6	6
紫 Purple	751N	7	7	7	7	7
灰 Gray		8	8	8	8	8
白 White	141N	9	9	9	9	9

## 特性 Characteristics

系列 Series	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	DSP-141N	140V(98~182)	100MΩmin.	1pF max.	1500pF-10kV-0Ω 200 times
	DSP-201M	200V(160~240)			
	DSP-301N	300V(210~390)			
	DSP-501N	500V(350~650)			
	DSP-751N	750V(525~975)			

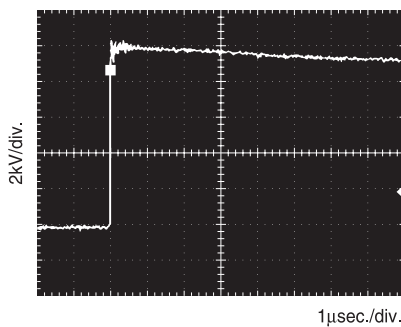
■ V-t特性(参考值) V-t Characteristics (Reference)



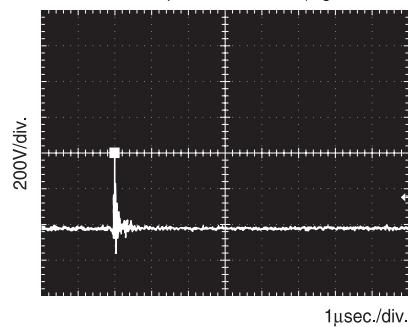
- 表现出快速响应瞬变静电的特性。
- 无明显暗效应。
- Rapid response against electrostatic discharge with instantaneous rise.
- No dark effect.

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

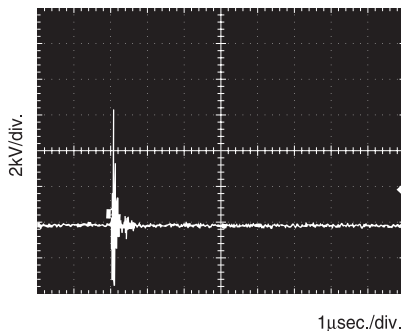
静电原波形 Original waveform  
500pF-500Ω-10kV



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)

