

# 微隙方式的特点

# Features of the Micro-Gap

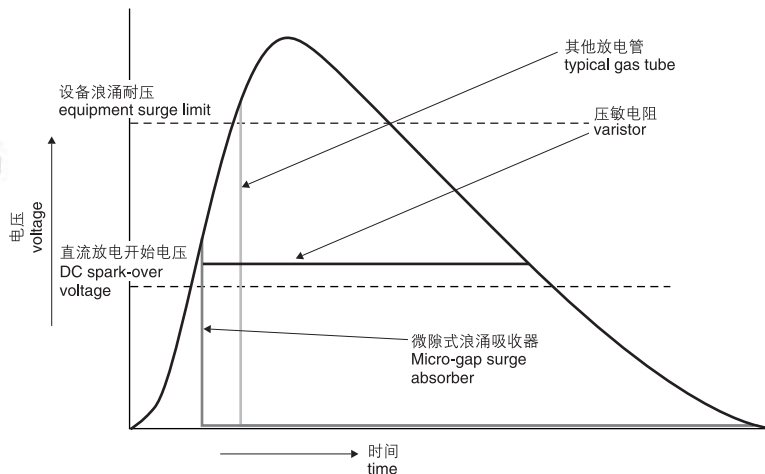
## 微隙方式的特点

- 对瞬变静电具有很好的响应性。
- 无明显暗场所的特性差异。
- 绝缘阻抗值极高：10<sup>8</sup>Ω以上。
- 静电容量小：1pF以下。
- 无极性。



## Features of the Micro-Gap

- Response to quick rise time of static electricity is good.
- Same quick response in dark or light.
- High Insulation Resistance: Greater than 10<sup>8</sup>Ω.
- Low Capacitance: Less than 1pF.
- No polarity.



浪涌吸收器  
SURGE ABSORBER

## 浪涌吸收器相关规格

您在防浪涌方面有以下困扰吗？

- 开发中的设备无法通过UL等规格的要求。
- 市场上的电子设备常常因感应雷击而遭破坏，希望采取保护措施。

三菱材料陶瓷工厂备有各种规格的脉冲电压发生器及脉冲电流发生器，我们会与客户一起进行浪涌试验，提供防浪涌的解决方案。

## Test Observance Lab

Troubled with surge requirements?

- Products being developed can't meet UL standards.
- Need to protect equipment from indirect lightning surges in the field.

At Mitsubishi Materials ceramic factory, customers can come and observe testing of their product with the latest impulse voltage and current generators that can duplicate the test requirements of the various worldwide standards agencies. From these tests we can recommend the best solution to help you pass requirements.

相关规格 Reference standard	波形 Wave form	备注 comments
JEC规格 JEC standard	1.2/50μs 30kVmax	电源感应雷击保护 Indirect lightning protection
	8/20μs 6kAmax	
IEC61000-4-5标准 IEC61000-4-5 conformance	1.2/50μs 15kV 8/20μs 7.5kA	电源感应雷击保护 Indirect lightning protection
IEC61000-4-2标准 IEC61000-4-2 conformance	150pF 330Ω 30kVmax	静电保护 Static electricity protection
FCC规格 FCC standard	10/560μs 800V 100A	通信保护 Communication related protection
FCC规格 FCC standard	10/160μs 1.5kV 200A	通信保护 Communication related protection
FCC规格标准 FCC standard conformance	10/700μs 15kVmax	通信保护 Communication related protection
IEEE	0.5μ-100kHz 6kVmax	通信(AC电源交叉) Communications (AC power cross)
UL规格 UL standard	AC600V 40A 1.5s	
	AC600V 7A 5s	
	AC600V 2.2A 30min	
	最大为AC600V的过电压 Over-voltage to AC600V	
其他 others	矩形波脉冲宽度50~1000ns 4kVmax 30~60Hz Rectangular wave, pulse width 50~1000ns, 4kV max, 30~60Hz	
	2/10μs 2.5kV 1kA	
	10/200μs 20kVmax	
	0.5/700μs 6kVmax	
	100/700μs 5kVmax	