

# DA38 系列

DA38系列是利用微隙进行电场放电的浪涌保护元件。浪涌响应性好，可适应各种AC耐电压试验，是需要较大浪涌耐量的电源线防浪涌的理想浪涌吸收元件。

DA38 Series has a micro gap cut to an accuracy of several tens of microns in width for rapid response against induced lightning and electrostatic discharges.

Allows performing the AC withstanding voltage test.

This series are ideal for protecting power supplies against surge voltage.

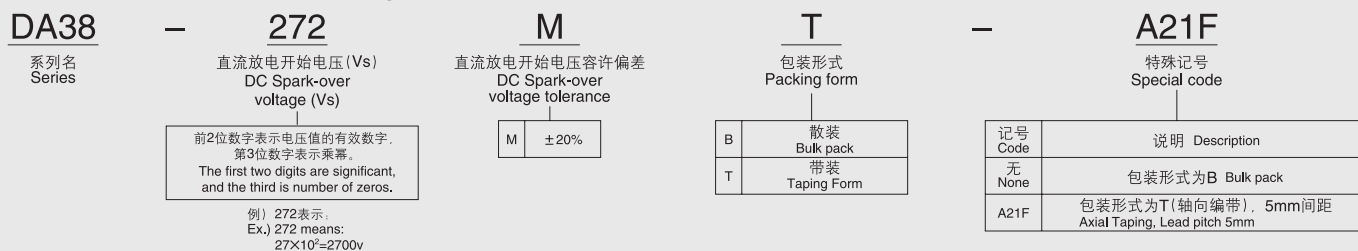
## 特点

- 结构极其小巧。(直径3.8mm，长度10mm)
- 可适应各种AC耐电压试验。
- 浪涌响应性好，限制电压低。
- 静电容量小，绝缘性优异。
- 可稳定应对反复浪涌及环境变化。
- 可进行轴向编带包装。
- 无极性。
- 无明显场所的特性差异。
- DA38系列可在各种电源电路中 与指定的陶瓷电阻或压敏电阻组合使用。

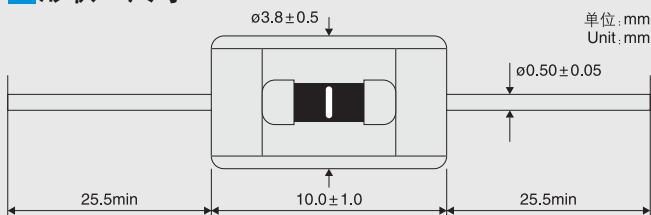
## Features

- Small size. (ø3.8mm Length 10mm)
- Allows performing the AC withstanding voltage test.
- Quick response for surge voltage, and low limiting voltage.
- Small capacitance and excellent insulation resistance.
- Stable for repeated discharge test conditions and environmental fluctuation.
- Axial taping available.
- No polarity.
- No dark effect.
- DA38 Series combined with a cement resistor or varistor can be used as surge-protecting elements in power supplies.

## 型号构成 Part number system



## 形状·尺寸 Dimensions



## 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 capacity 1kHz-6V max.	浪涌耐量 Surge current capacity 8/20µsec.	浪涌寿命 Surge life test	AC耐电压 AC withstanding voltage	UL1414 4)	UL1449 5)	CSA22.2 6)	EN132400 7)
DA38	DA38-102M	800V~1,200V	100MΩmin.	DC 500V	8/20µsec. 2,000A	8/20µsec. 100A 300times	-	-	○2)	-	-
	DA38-152M	1,200V~1,800V					-	-	○2)	-	-
	DA38-272M	2,160V~3,240V					AC1,200V-3sec.	○1)	○2)	○2)	-
	DA38-302M	2,400V~3,600V					AC1,500V-1min.	○1)	○2)	○2)	○3)
	DA38-362M	2,880V~4,320V					AC1,800V-3sec.	○1)	○2)	○2)	○3)
	DA38-452M	3,600V~5,400V					AC2,000V-1min.	-	-	-	-
			DC 1000V			200times					

新产品

- 1): 与压敏电阻 (AC125V V1mA ≥ 270V 8 Joule Min at 2ms, AC125V V1mA ≥ 470V 15 Joule Min at 2ms) 电气串接 (导线绕焊、压接、焊接等) 即可被认证。  
Approved if used together with a varistor (AC125V : V1mA ≥ 270V 8 Joule Min at 2ms, AC250V : V1mA ≥ 470V 15 Joule Min at 2ms), electrically connected in series by means such as twist and soldering, staking, welding etc.
- 2): 与压敏电阻 (AC125V V1mA ≥ 270V D ≥ ø5mm, AC250V V1mA ≥ 470V D ≥ ø5mm) 电气串接 (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 ≥ ø5mm, AC250V : V1mA ≥ 470V, D ≥ ø5mm), electrically connected in series by means such as twist and soldering, staking, welding etc.
- 3): 与压敏电阻 (V1mA ≥ 470V, D ≥ ø5mm) 电气串接 (导线绕焊、压接、焊接等) 即可被认证。  
Approved if used together with a varistor (V1mA ≥ 470V, D ≥ ø5mm), electrically connected in series by means such as twist and soldering, staking, welding etc.
- 4): UL Standard UL1414 File No. E89615
- 5): UL Standard UL1449 File No. E70785 (S)
- 6): CSA Standard C22.2 No1 File No. CA111411
- 7): DA38 has received recognition to EN132400 through TÜV. Report J9950875(Y2)  
特殊规格另请商洽。  
Please consult us for available