

FA55是响应性较好的过电压保护元件。可应对各种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。

特点

- 结构极其小巧。(直径5.5mm，长度7mm)
- 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。
- 可对应轴向编带及径向编带包装。
- 无极性。
- 无明显暗场所的特性差异。
- FA55可在各种电源电路中 与压敏电阻组合使用。

型号构成 Part number system

FA55 - 402 - A22F - M

系列名
Series

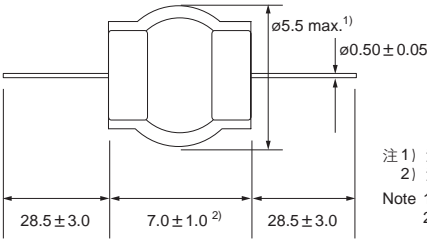
直流放电开始电压
(参考值)
DC Spark-over voltage
(Reference value)

包装形式
Packing form

标记记号
Marking

记号 Code	说明 Description
A22F	轴向(卧式)编带, 扁平带装 Axial, Flat pack taping
G04F	径向(垂直)编带, 扁平带装 Radial flat pack (5.0mm width pitch) taping
H06F	径向(垂直)编带, 扁平带装 Radial flat pack (7.5mm width pitch) taping

形状・尺寸 Dimensions



注 1) 测量位置为最大直径部位。
2) 测量位置为玻璃端部间或螺栓端面间两者中较长的一方。
Note 1) Largest possible max diameter.
2) Largest possible distance of either edge of glass or from stud.

特性 Characteristics

型 号 Part number	脉冲 放电开始电压 Impulse sparkover voltage 1.2/50μsec.	绝缘阻抗 Insulation resistance IR		静电容量 Electrostatic Capacitance 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	直流放电开始电压 ※参考值 DC sparkover voltage Vs ※Reference value	UL规格 认证产品 UL recognized 3) UL1449	EN规格 认证产品 EN recognized 4) EN60065 EN60950-1
FA55-272	4,500V max.	100MΩmin.	DC 500V	1pF max.	2,500A	8/20μsec. 100A 300times	AC1,000V-1min.	2,700V (2,160~3,240)	○1)	—
FA55-302	5,000V max.						AC1,200V-3sec.			
FA55-362	5,000V max.						AC1,500V-1min.	3,000V (2,400~3,600)	○1)	○2)
FA55-402	6,000V max.						AC1,800V-3sec.	3,600V (2,880~4,320)	○1)	○2)
							AC2,000V-1min.	4,000V (3,200~4,800)	○1)	○2)

- 1)：与压敏电阻 (AC125V:V1mA≥270V，D≥ø10mm，AC250V:V1mA≥470V，D≥ø10mm) 电气串接 (导线绕焊、压接、焊接等) 即可被认证。
Approved if used with a varistor (125VAC：V1mA≥270V，D≥ø10mm，250VAC：V1mA≥470V，D≥ø10mm)，electrically connected in series (soldered, crimped, or welded).
- 2)：与压敏电阻 (V1mA≥470V，D≥ø5mm) 电气串接 (导线绕焊、压接、焊接) 即可被认证。
Approved if used with a varistor (V1mA≥470V，D≥ø5mm)，electrically connected in series (soldered, crimped, or welded).
- 3)：UL Standard UL 1449 File No.E318314
- 4)：FA55 has received recognition to EN60065, EN60950-1 through TÜV. Report No. J50189760

The FA55 responds very quickly to induced lightning and electrostatic discharges.
Capable of many types of AC withstand tests.
Ideal for protecting power supplies from power-line surge voltage.

Features

- Small size. (ø5.5mm Length 7mm)
- 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 and Radial taping available.
- No polarity.
- No dark effect.
- FA55 combined with varistor can be used as surge-protecting elements in power supplies.

