

■特点

- 可广泛用于通信设备、传感线路等低电压低电流电路
- 静电容量小，可用于信号线
- DSA-A型可在各种电源电路中 与压敏电阻或指定的陶瓷电阻组合使用
- 在电源电路中，无需拆下浪涌吸收器即可进行AC耐压试验(2,400V以上)
- DSA-A型与UL认证压敏电阻或指定的陶瓷电阻(RGBS5L-3WK)组合后，可作为UL规格认证产品使用。(UL1449文件号E318314)
- ★部分型号已获得CSA、TÜV 认证。详情请垂询本公司。
- 使用温度范围（一般规格）：-40 ~ 125℃
- 保存温度范围（一般规格）：-55 ~ 125℃

■Features

- The Models of this series are extensively used as surge-protecting elements for electronic equipment in low-voltage and low-current circuits such as telecommunication equipment and sensor lines.
- Excellent for protecting signal lines that require low capacitance.
- The DSA-A-type combined with varistor or a cement resistor can be used as surge-protecting elements in power supplies.
- Allows performing the AC withstanding voltage test without removal of the surge absorber.
- DSA A-type series displaying the "MMCC" trademark (except 402MA, 452MA) are UL-recognized protectors when connected to the appropriate varistor (UL recognized) or a cement resistor (RGBS5 3QK) in-series. (UL1449 File No.E318314)
- ★Some models are approved by CSA, TÜV. Please contact us for details.
- Operating temperature limit : -40 ~ 125℃
- Storage Temperature Range : -55 ~ 125℃

■型号构成 Part number system

DSA — 242 M A — 05 F25 (UL)

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 UL1449 认证产品记号 UL1449 Recognized

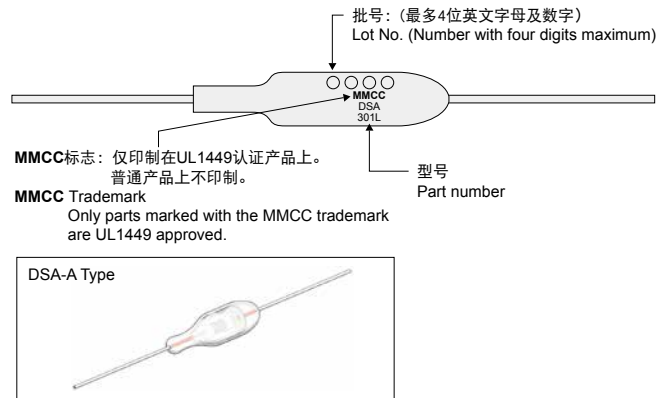
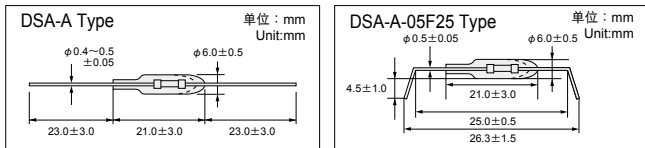
前2位数字表示电压值的有效数字，第3位数字表示乘幂。
The first two digits are significant, and the third is number of zeros.
例) 242表示 $24 \times 10^2 = 2400V$
Example Assume the designation is 242.
This means that the spark-over voltage is: $24 \times 10^2 = 2400V$

L	±15%
M	±20%

A	导线直径 φ0.4mm、散装 Lead wire diameter φ0.4, Bulk pack
A-05	导线直径 φ0.5mm、散装 Lead wire diameter φ0.5, Bulk pack
A-05F25	成型形状、导线直径 φ0.5mm、散装 Bulk forming, Lead wire diameter φ0.5, Bulk pack

(UL)	UL 认证产品 UL Recognized
无	非UL 认证产品 UL Not recognized

■形状·尺寸 Dimensions



■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	浪涌耐量 Surge current capacity 8/20 μs	浪涌寿命 Surge life test	AC 耐压 AC withstanding voltage	UL规格认证产品 UL recognized		CSA规格认证产品 CSA recognized	EN规格认证产品 EN recognized			
							UL1449 File No. E318314	UL497B File No. E175280					
DSA-301LA	300V(255~345)	≥100MΩ	<2pF	导线直径 Lead wire diameter φ0.4mm :1500A	8/20 μs 100A 300time	—	○ 1)	○	—	—			
DSA-501MA	500V(400~600)					—	○ 1)	○	—	—			
DSA-701MA	700V(560~840)					—	○ 1)	○	—	—			
DSA-102MA	1,000V(800~1,200)					—	○ 1)	—	—	—			
DSA-152MA	1,500V(1,200~1,800)					—	○ 1)	—	—	—			
DSA-242MA	2,400V(1,920~2,880)					—	○ 1)	—	—	—			
DSA-282MA	2,800V(2,240~3,360)					DC500V	φ0.5mm :2000A	AC1,000V-1min AC1,200V-3s	○ 1)	—	○ 2)	—	—
DSA-302MA	3,000V(2,400~3,600)					DC1000V		AC1,000V-1min AC1,250V-3s	○ 1)	—	○ 2)	—	—
DSA-332MA	3,300V(2,640~3,960)							AC1,500V-1min	○ 1)	—	○ 2)	○ 3)	○ 3)
DSA-362MA	3,600V(2,880~4,320)							AC1,800V-3s	○ 1)	—	○ 2)	○ 3)	○ 3)
DSA-402MA	4,000V(3,200~4,800)	AC2,000V-1min	○ 1)	—	○ 2)			○ 3)	○ 3)				
DSA-452MA	4,500V(3,600~5,400)	AC2,000V-1min	○ 1)	—	○ 2)			○ 3)	○ 3)				
DSA-622MA	6,200V(4,960~7,440)	AC3,000V-3s	—	—	○ 2)			○ 3)	○ 3)				
DSA-752MA	7,500V(6,000~9,000)	AC3,600V-3s	—	—	○ 2)			○ 3)	○ 3)				

- 1)：与本公司指定的陶瓷电阻 (AC125 RGBS5L-3QK) 或者压敏电阻 (AC125V : V1mA ≥ 270V, D ≥ φ 5mm, AC250V : V1mA ≥ 470V, D ≥ φ 5mm) 电气串联即可被认证。
: Approved if used with a varistor (125VAC : RGBS5L-3QK) or a varistor (125VAC : V1mA ≥ 270V, D ≥ φ 5mm ; 250VAC : V1mA ≥ 470V, D ≥ φ 5mm) electrically connected in series.
- 2)：与压敏电阻 (AC125V : V1mA ≥ 270V, D ≥ φ 5mm, AC250V : V1mA ≥ 470V, D ≥ φ 5mm) 电气串联即可被认证。
: Approved if used with a varistor (125VAC : V1mA ≥ 270V, D ≥ φ 5mm, 250VAC : V1mA ≥ 470V, D ≥ φ 5mm), electrically connected in series.
- 3)：与压敏电阻 (V1mA ≥ 470V, D ≥ φ 10mm) 电气串联即可被认证。
: Approved if used with a varistor (V1mA ≥ 470V, D ≥ φ 10mm), electrically connected in series.
- 4)：安全标准认定条件可能会被修订。关于最新的认定状况，请确认各标准的主页。
: Safety standard certification conditions may be revised. Would you confirm the web site of each standard about the latest information.