

DIA浪涌抑制器(DSS)

DIA SURGE SUPPRESSOR (DSS)

通信线路用

For Communication Lines

浪涌吸收器
SURGE ABSORBER

特点

- 用于电话机、调制解调器、传真机等电话线路连接设备的防浪涌。
- 用于计算机等通信线路连接设备的防浪涌。
- 某些型号已获得UL规格认证。

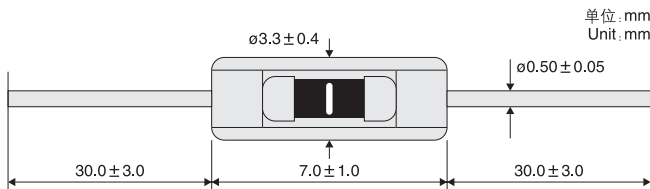
Features

- Surge protection for telephone lines.(telephone, modem, facsimile etc.)
- Surge protection for telecommunication lines.(computer etc.)
- Some models are recognized by UL.

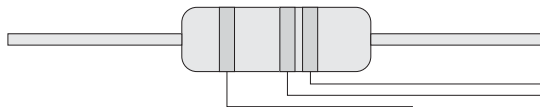
型号构成 Part number system

DSS	-	301	-	L	-	S	-	00	-	B
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		编带形式 Taping form		编带尺寸 Taping dimensions		包装形式 Packing form
		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 ¹ =300v Ex.) 301 means: 30×10 ¹ =300v		L ±15% M ±20%		A 轴向(卧式)编带 Axial taping C 径向(立式)编带 Radial taping S 无编带 No taping		单位: mm Unit:mm 记号 Symbol 04 编带内侧宽度 Taping width 12.7 12 (径向编带) (Radial taping) 26 间距 Pitch 10 22 52 10 00 无编带 No taping		B 散装 Bulk pack F 扁平带装 Flat pack taping R 卷盘带装 Reel taping

形状·尺寸 Dimensions



标记 Marking



颜色代码 Color code	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.		
黑	Black		0		0		
褐	Brown		1		1		
红	Red	201M	2		2		
橙	Orange	301L	3		3		
黄	Yellow	401M	4		4		
绿	Green		5		5		
蓝	Blue	601M	6		6		
紫	Purple		7		7		
灰	Gray	351M	8		8		
白	White		9		9		

特性

系列名 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.	浪涌耐量 Surge current capacity 8/20μsec.	浪涌寿命 Surge life test	UL规格认证产品 UL recognized
DSS	DSS-201M	200V(160~240)	100MΩmin.	DC 100V	1pF max.	500A	DOC单循环1) DOC 1cycle	UL 497B 2)
	DSS-301L	300V(255~345)						○
	DSS-351M	350V(280~420)		-				
	DSS-401M	400V(320~480)		○				
	DSS-601M	600V(480~720)		○				

1). DOC 1cycle 10/1000μsec. 1KV-12times, 100/1000μsec. 1KV-12times respectively.
2). UL Standard UL 497B File No. E175280 (N)

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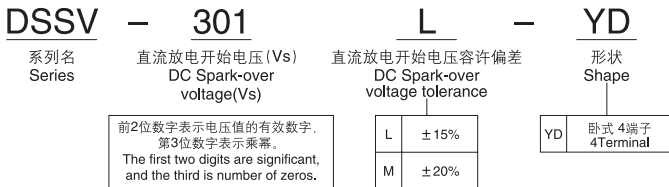
浪涌吸收器
SURGE ABSORBER

DSSV系列

■特点

- 用于电话机、调制解调器、传真机等电话线路连接设备的防浪涌以及防过电压 (UL1459、CSA-22.2 No.225-M90)。

■型号构成 Part number system



DSSV Series

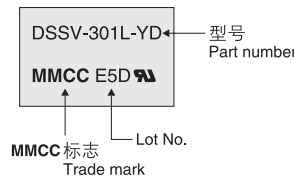
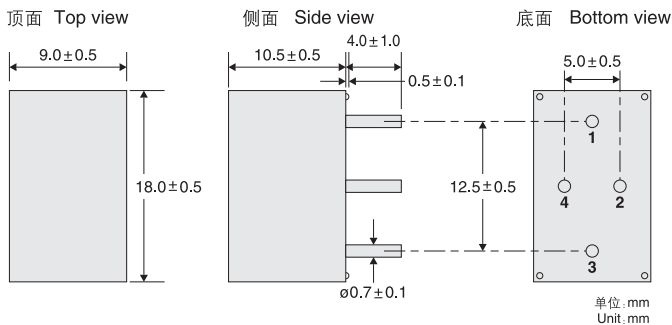
■Features

- Protects telephone line equipment (telephone, modem, facsimile etc.) against surge and overvoltage (UL1459, CSA-22.2 No. 225-M90).



■形状·尺寸 Dimensions

DSSV-YD Type

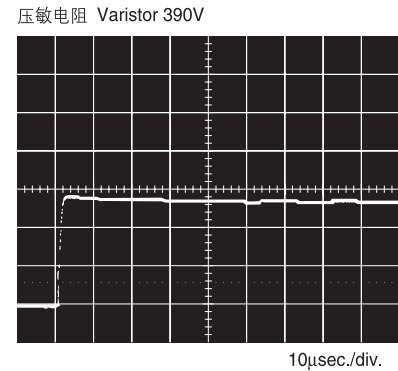
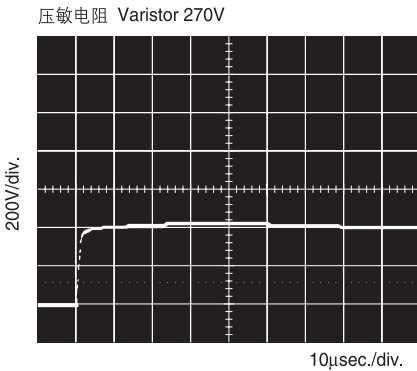
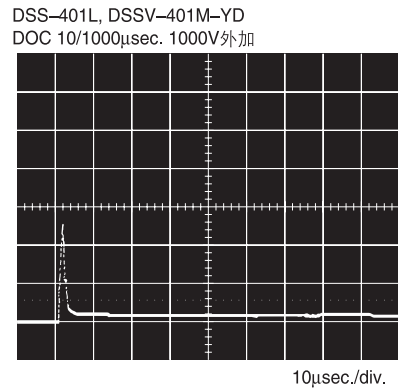
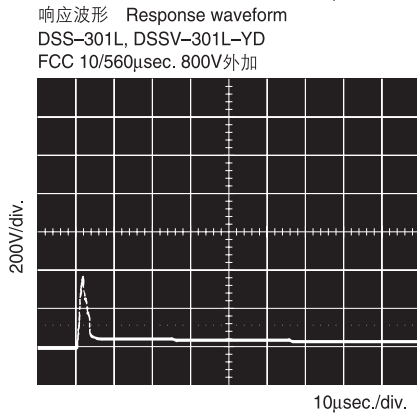
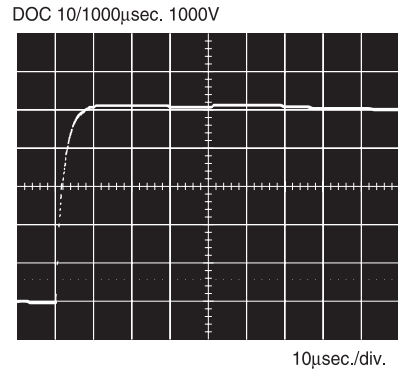
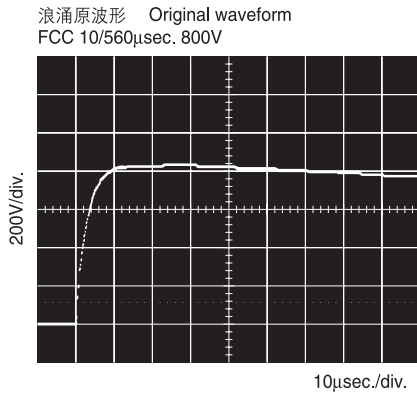


■特性 Characteristics

系列名 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	浪涌耐量 Surge current capacity 8/20μsec.	浪涌寿命 Surge life test	UL规格认证产品 UL recognized
			100MΩmin.	DC 100V				UL 497A 3)
DSSV	DSSV-201M-YD	200V(160~240)	100MΩmin.	DC 100V	2pF max.	400A	FCC循环1) FCC cycle 1)	○
	DSSV-301L-YD	300V(255~345)		DC 250V			DOC单循环2) DOC 1cycle 2)	○
	DSSV-401M-YD	400V(320~480)					DOC 1cycle 2)	○

1). FCC10/560μsec. 100A ±3times, 10/160μsec. 200A ±3times
 2). DOC 1cycle 10/1000μsec. 1KV-12times, 100/1000μsec. 1KV-12times respectively.
 3). UL Standard UL 497A File No. E131010 (N)

浪涌响应特性(参考值) Surge Response characteristics (Reference)



DSSV型过电压截止特性 Overvoltage cut off properties of DSSV type

型号 Part number	DSSV-301L-YD, DSSV-401M-YD		
外加条件 Applied conditions	AC600V-40A-1.50sec.	AC600V-7A-5sec.	AC600V-2.2A-30min.
着火率 Rate of ignition n=100	0	0	0

在电话机的安全标准、UL60950、CSA-C22.2 No.225-M90中，有对电话机的通信线路外加上述过电压的试验。对于上述过电压，DSS系列将快速作出响应，阻断流入通信线路或浪涌吸收器的过电压。

Overvoltage testing is required in both UL60950 and CSA-C22.2 No.225-M90. The DSSV is effective in protecting against these overvoltage conditions by opening the circuit.