

DSAHR

特長

大きなサージ耐量を必要とする回路のサージ対策に使用可能

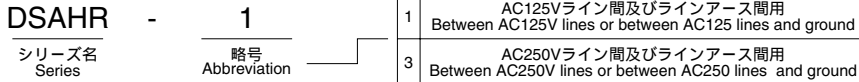
DSAHR

■Features

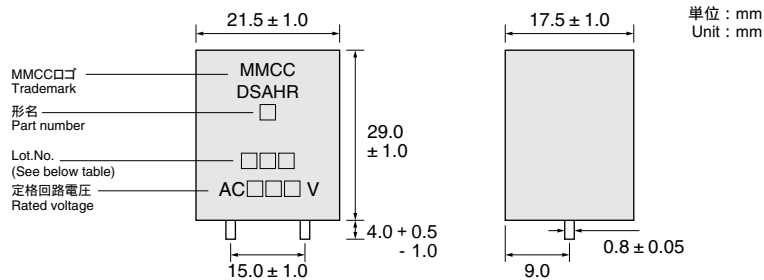
●Used to protect power supplies.



形名構成 Part number system



形状寸法 Dimensions



特性 Characteristics

定格電圧 Rated voltage	形名 Part number	直流放電開始電圧 DC spark-over voltage Vs	絶縁抵抗 Insulation resistance IR	静電容量 Electrostatic capacitance 1kHz-6V max.	サージ耐量 Surge current capacity 8/20μsec.	サージ寿命 Surge life test
AC125V	DSAHR-1	500V( 400 ~ 600 )	100M min	5pF max.	5000A	8/20μsec. 100A 300times
AC250V	DSAHR-3	800V( 640 ~ 960 )				

DSAZR, DSANR, DSAHR  
Lot No.表示法 Lot No. system

Lot No.表示法 Lot No. system

捺印:白色 Marking color:white  
( DSAZR:gray )

Lot No.の左から第1文字:製造場所を示す英文字  
Lot No. first character:factory

Lot No.の左から第2文字:製造年の下1桁  
Lot No. second character:manufactured year(Last one digit)

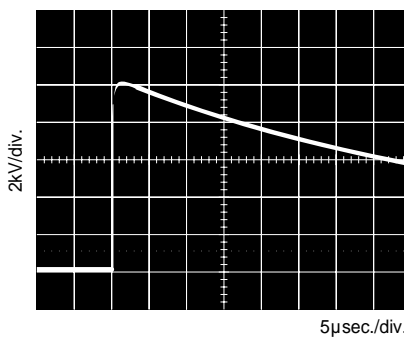
Lot No.の左から第3文字:製造月(下記参照)  
Lot No. third character:manufactured month(See table below)

月 month	1	2	3	4	5	6	7	8	9	10	11	12
略号 Code	A	B	C	D	E	F	G	H	J	K	L	M

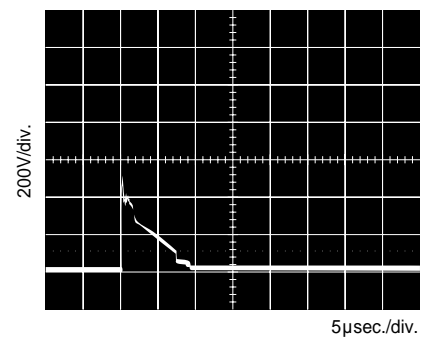
例:E5D 1995年4月製造  
Example:E5D manufacturd April,1995

サージ応答特性(参考値) Surge response characteristics(Reference)

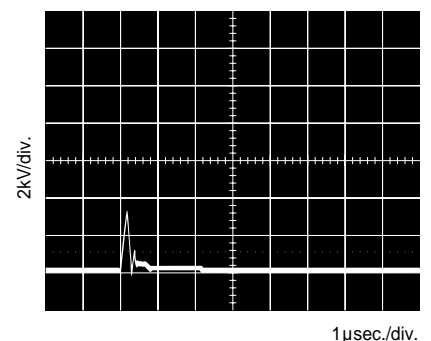
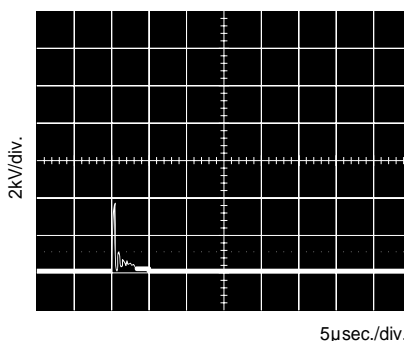
サージ原波形 Original waveform  
1.2/50μsec. 10kV



DSA-301LA 応答波形 Response waveform



DSA-242MA 応答波形 Response waveform



DSANR

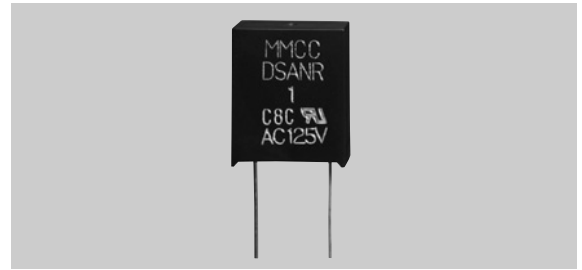
特長

各種電源回路に使用可能  
UL, TÜV規格認定品もあり

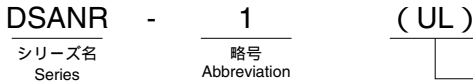
DSANR

■Features

- Used to protect power supplies.
- Some models are recognized by UL, TÜV.

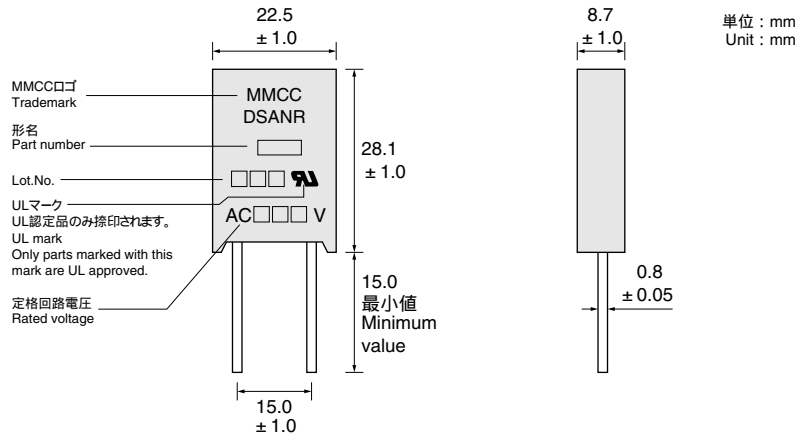


形名構成 Part number system



1	AC125Vライン間用 Between AC125V lines	4	AC125Vラインアース間用 (AC1200V 絶縁耐圧試験用) Between AC125V lines and ground (For AC 1200V withstanding voltage test)	6 A	AC250Vラインアース間用 (AC1800V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 1800V withstanding voltage test)	10 B	AC250Vラインアース間用 (AC2000V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 2000V withstanding voltage test)	(UL)	UL認定品 UL Recognized
2	AC125Vラインアース間用 Between AC125V lines and ground		AC250Vラインアース間用 (AC1500V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 1500V withstanding voltage test)	9	AC250Vラインアース間用 (AC2000V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 2000V withstanding voltage test)		UL非認定品 UL not Recognized		
3	AC250Vライン間及び ラインアース間用 Between AC250V lines or between AC250V lines and ground	5	AC250Vラインアース間用 (AC1500V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 1500V withstanding voltage test)	9	AC250Vラインアース間用 (AC2000V 絶縁耐圧試験用) Between AC250V lines and ground (For AC 2000V withstanding voltage test)			無 None	UL非認定品 UL not Recognized

形状寸法 Dimensions



特性 Characteristics

定格電圧 Rated voltage	形名 Part number	直流放電開始電圧 DC spark-over voltage Vs	絶縁抵抗 Insulation resistance IR	静電容量 1kHz-6V max. Electrostatic capacitance 1kHz-6V max. C	サージ耐量 8/20 μ sec. Surge current capacity 8/20 μ sec.	サージ寿命 Surge life test.	AC耐電圧 Withstanding voltage	UL規格認定品 UL approved		EN認証 EN approved 3)
								1) UL1414	2) UL1449	
AC125V	DSANR-1	500V (400 ~ 600)	100M min.	DC100V	2pF max.	1000A	8/20 μ sec. 100A 500 times	-	-	-
	DSANR-2	600V (480 ~ 720)		DC250V				-	-	-
	DSANR-2A	800V (640 ~ 960)		DC500V				-	-	-
	DSANR-2B	1,100V (880 ~ 1,320)						-	-	-
	DSANR-4	2,400V (1,920 ~ 2,880)						-	-	-
	DSANR-6	3,600V (2,880 ~ 4,320)						-	-	-
AC250V	DSANR-3	800V (640 ~ 960)	DC250V	2pF max.	1000A	8/20 μ sec. 100A 500 times	-	-	-	
	DSANR-3A	1,400V (1,120 ~ 1,680)	DC500V				-	-	-	
	DSANR-5	3,000V (2,400 ~ 3,600)	DC500V				-	-	-	
	DSANR-6A	3,600V (2,880 ~ 4,320)					-	-	-	
	DSANR-9	4,000V (3,200 ~ 4,800)					-	-	-	
	DSANR-10B	4,500V (3,600 ~ 5,400)					DC1000V	-	-	-

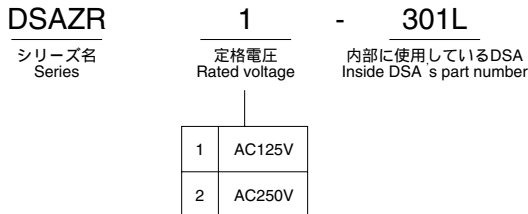
1) : UL Standard UL 1414 File No. E89615  
2) : UL Standard UL 1449 File No. E318314  
3) : TÜV Report No. J9251508

DSAZR

特長

- 各種電源回路に使用可能
- TVのアンテナ入力回路のサージ対策に使用可能
- UL、CSA、TÜV規格認定品もあり

形名構成 Part number system



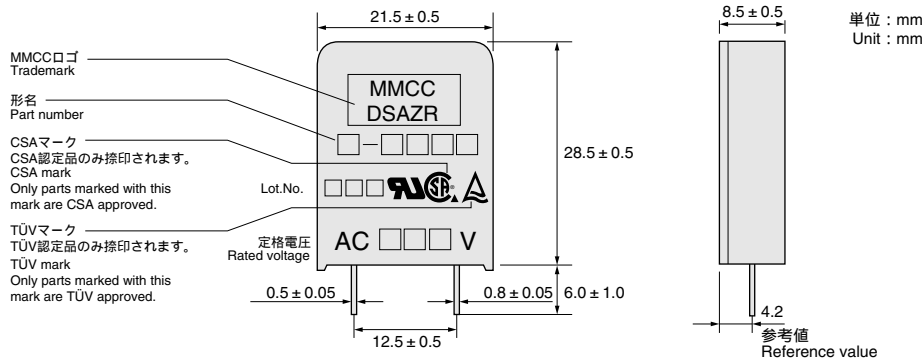
DSAZR

■Features

- Used to protect power supplies.
- Excellent for protecting TV-tuner circuits.
- Some models are recognized by UL, CSA and TÜV.



形状寸法 Dimensions



特性 Characteristics

定格電圧 Rated voltage	形名 Part number	直流放電開始電圧 DC spark-over voltage Vs	絶縁抵抗 Insulation resistance IR	静電容量 Electrostatic capacitance 1kHz-6V max. C	サージ耐量 Surge current capacity 8/20μsec.	サージ寿命 Surge life test.	AC耐電圧 Withstanding voltage	UL規格認定品 UL recognized		CSA規格認定品 CSA approved 3)	EN認証 EN approved 4)
								1) UL1414	2) UL1449		
AC125V	DSAZR1-301L	500V( 400 ~ 600 )	100M min.	DC100V	2pF max.	1000A	8/20 μ sec. 100A 300 times	-	-	-	-
	DSAZR1-501M	600V( 480 ~ 720 )		DC250V				-	-	-	-
	DSAZR1-102M	1,100V( 880 ~ 1,320 )		DC500V				-	-	-	-
	DSAZR1-242M	2,400V( 1,920 ~ 2,880 )						AC1,000V-1min. AC1,200V-3sec.	-	-	-
	DSAZR1-282M	2,800V( 2,240 ~ 3,360 )						AC1,250V-3sec.	-	-	-
	DSAZR1-302M	3,000V( 2,400 ~ 3,600 )						AC1,500V-1min.	-	-	-
	DSAZR1-362M	3,600V( 2,880 ~ 4,320 )						AC1,800V-3sec.	-	-	-
	DSAZR1-402M	4,000V( 3,200 ~ 4,800 )						AC2,000V-1min.	-	-	-
DSAZR1-452M	4,500V( 3,600 ~ 5,400 )	DC1000V	AC2,000V-1min.	-	-	-					
AC250V	DSAZR2-501M	800V( 640 ~ 960 )	100M min.	DC250V	2pF max.	1000A	8/20 μ sec. 100A 300 times	-	-	-	-
	DSAZR2-102M	1,400V( 1,120 ~ 1,680 )		DC500V				-	-	-	-
	DSAZR2-242M	2,400V( 1,920 ~ 2,880 )						AC1,000V-1min. AC1,200V-3sec.	-	-	-
	DSAZR2-302M	3,000V( 2,400 ~ 3,600 )						AC1,500V-1min.	-	-	-
	DSAZR2-362M	3,600V( 2,880 ~ 4,320 )						AC1,800V-3sec.	-	-	-
	DSAZR2-402M	4,000V( 3,200 ~ 4,800 )						AC2,000V-1min.	-	-	-
	DSAZR2-452M	4,500V( 3,600 ~ 5,400 )						DC1000V	AC2,000V-1min.	-	-

1) : UL Standard UL 1414 File No. E89615  
 2) : UL Standard UL 1449 File No. E318314  
 3) : CSA Standard C22.2 No. 1 File No. CA87070  
 4) : TÜV Report No. J9251508