

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

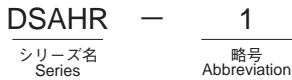
DSAHR

■Features

- Used to protect power supplies.

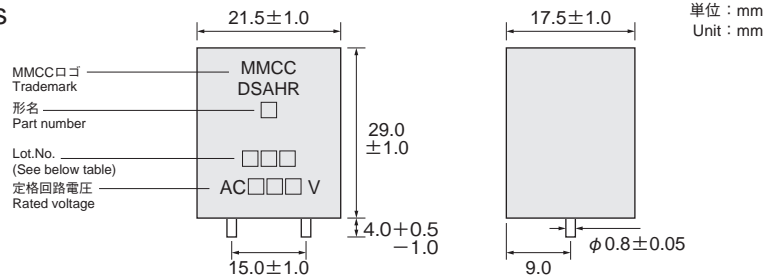


■形名構成 Part number system



1	AC125Vライン間及びラインアース間用 Between AC125V lines or between AC125 lines and ground	4	DC450Vライン間及びラインアース間用 Between DC450V lines or between AC125 lines and ground
3	AC250Vライン間及びラインアース間用 Between AC250V lines or between AC250 lines and ground	5	DC600Vライン間及びラインアース間用 Between DC600V lines or between AC250 lines and ground

■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 8/20 μsec.	サージ寿命 Surge life test	UL規格認定品 UL approved
			100MΩmin					1) UL1449
AC125V	DSAHR-1	500V (400~600)	100MΩmin	DC100V	5pF max.	5000A	8/20 μsec. 100A 300times	○
AC250V	DSAHR-3	800V (640~960)		DC250V				○
DC450V	DSAHR-4	1,200V (960~1,440)		DC450V				○
DC600V	DSAHR-5	1,500V (1,200~1,800)		DC600V				○

1) : UL Standard UL 1449 File No. E318314

■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)

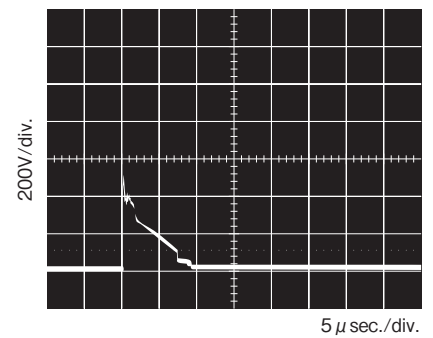
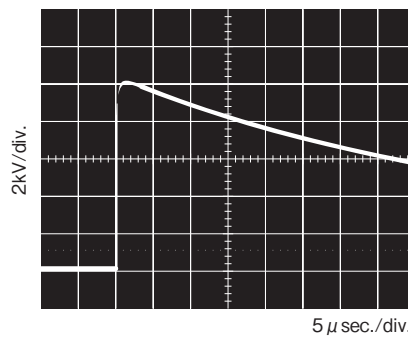
月 month	1	2	3	4	5	6	7	8	9	10	11	12
略号 Code	A	B	C	D	E	F	G	H	J	K	L	M

例: E5D 2005年4月製造
Example:E5D manufactured April,2005

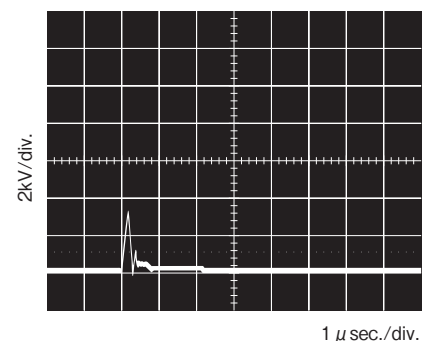
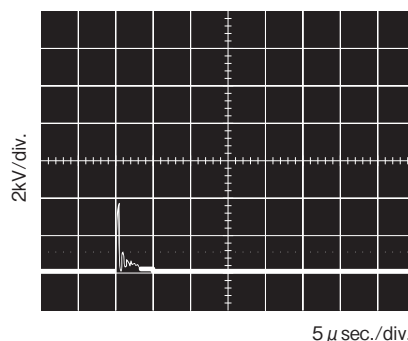
■サージ応答特性(参考値) Surge response characteristics(Reference)

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

DSA-301LA応答波形 Response waveform



DSA-242MA応答波形 Response waveform



DSANR

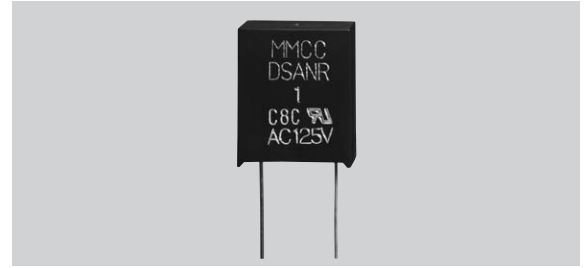
■特長

- 各種電源回路に使用可能
- UL, TÜV規格認定品もあり

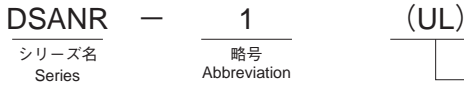
DSANR

■Features

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

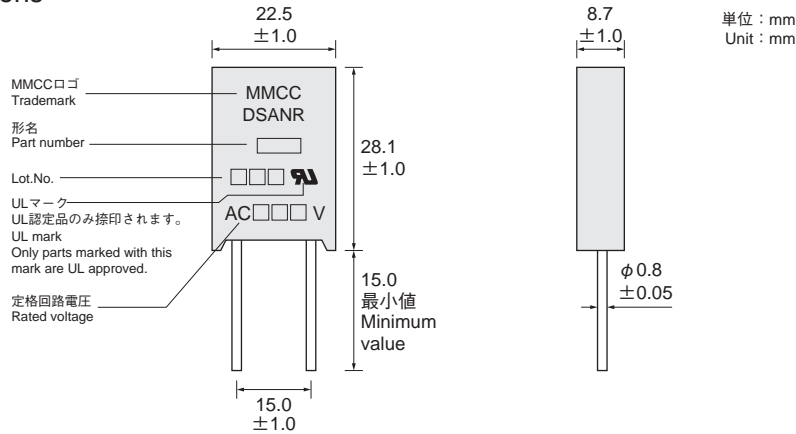


■形名構成 Part number system



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)		無 None	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 AC250 lines and ground	5							

■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 μsec. 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 approved	EN認証 EN approved
			100MΩ min.						1) UL1449	2) EN60065 EN60950-1
AC125V	DSANR-1	500V(400~600)	DC100V		2pF max.	1000A	8/20 μ sec. 100A 500 times	-	○	-
	DSANR-2	600V(480~720)	DC250V					-	○	-
	DSANR-2A	800V(640~960)						-	-	-
	DSANR-2B	1,100V(880~1,320)						-	-	-
	DSANR-4	2,400V(1,920~2,880)	DC500V					AC1,000V-1min. AC1,200V-3sec.	○	-
	DSANR-6	3,600V(2,880~4,320)						AC1,800V-3sec.	-	-
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)						AC1,500V-1min.	○	○
	DSANR-6A	3,600V(2,880~4,320)	DC500V					AC1,800V-3sec.	-	○
	DSANR-9	4,000V(3,200~4,800)						AC2,000V-1min.	-	○
	DSANR-10B	4,500V(3,600~5,400)	DC1000V					AC2,000V-1min.	-	○

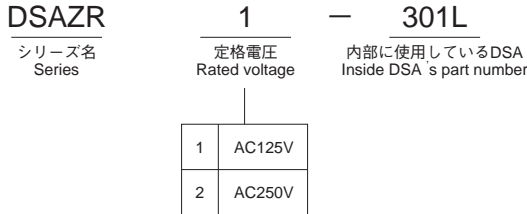
1) : UL Standard UL 1449 File No. E318314
2) : TÜV Report No. J9251508

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



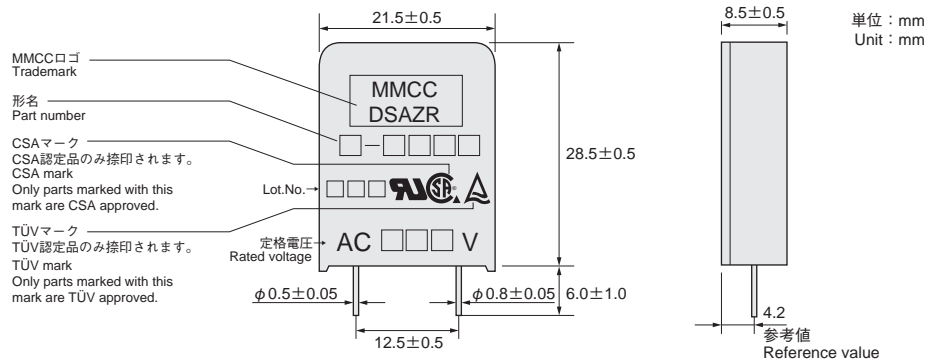
DSAZR

■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認証 CSA approved	EN認証 EN approved
			100MΩ min.	DC100V					1)	2)	3)
AC125V	DSAZR1-301L	500V (400~600)	100MΩ 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)	100MΩ 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 1449 File No. E318314
 2) : CSA Standard C22.2 No. 1 File No. CA87070
 3) : TÜV Report No. J9251508