MBS-SERIES

MBS-1220-22

MBS-1230-22

MBS-1205-22   MBS-1210-22   MBS-1215-22

■ Features

(1) For equipment designed to meet EMI regulations such as VCCI, CISPR, FCC, VDE, etc.
(2) Attenuation effect against high voltage pulse noise
(3) Attenuates conductive emission from power supply
(4) Leakage current: 1mA max. (250V, 60Hz)
(5) High shielded effect

■ Safety standard

UL1283, CSA Std. C22. 2 No. 8
VDE0565 Teil. 3
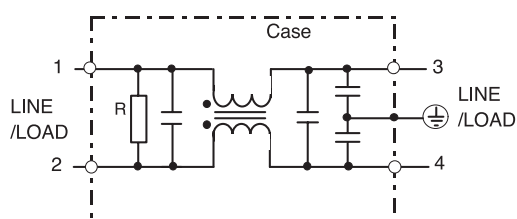(VDE0565 will transfer to EN133200 on and after July 23, 2003.)

■ Specifications

Item	Model	MBS-1205-22	MBS-1210-22	MBS-1215-22	MBS-1220-22	MBS-1230-22
1	Rated voltage (AC, DC)	250V				
2	Rated current (AC, DC)	5A (Note 1)	10A (Note 1)	15A (Note 2)	20A (Note 2)	30A (Note 2)
3	Test voltage (terminal to case, AC 1 minute)	2500V				
4	Isolation resistance (terminal to case, 500VDC)	100MΩ min.				
5	Leakage current 125V, 60Hz	0.5mA max.				
	Leakage current 250V, 60Hz	1mA max.				
6	DC resistance	0.15Ω max.	0.05Ω max.	0.03Ω max.	0.02Ω max.	0.01Ω max.
7	Temperature rise	30°C max.		35°C max.		
8	Operating temperature range	−25 ~ +85°C				
9	Weight (typ)	310g	310g	550g	550g	1,100g

(Note 1) : Value at Ta ≦55°C. Refer to the derating curve (A) shown below at Ta > 55°C.
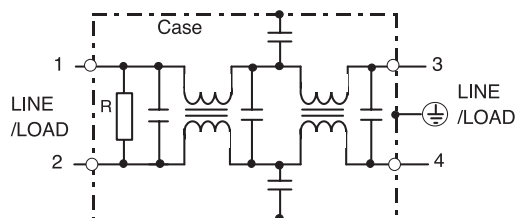(Note 2) : Value at Ta ≦50°C. Refer to the derating curve (B) shown below at Ta > 50°C.
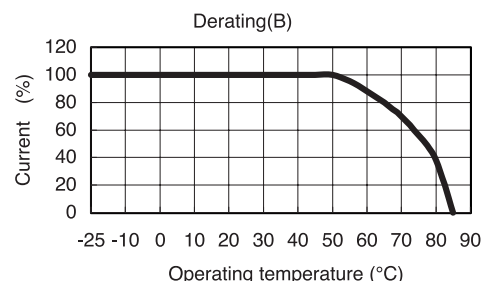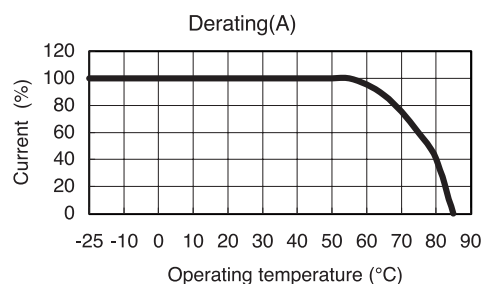
■ Circuit

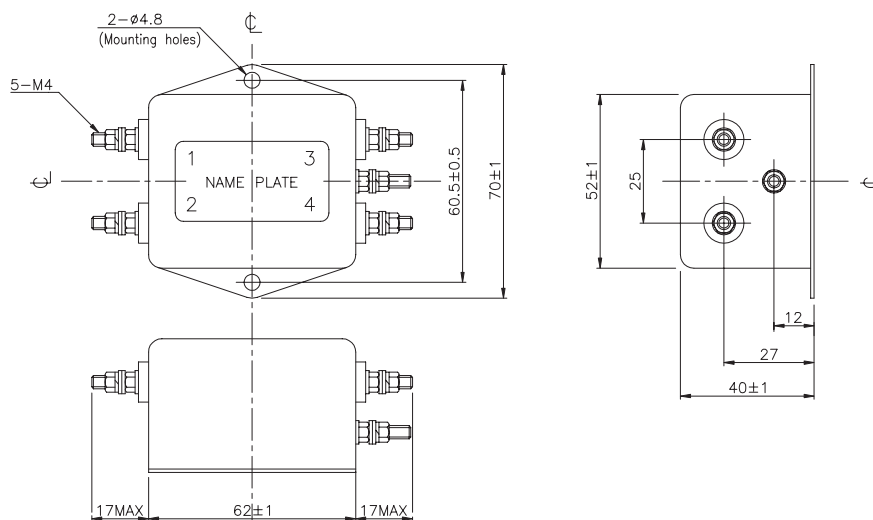MBS-1205, -1210, -1215, -1220

R: Breeder resistance
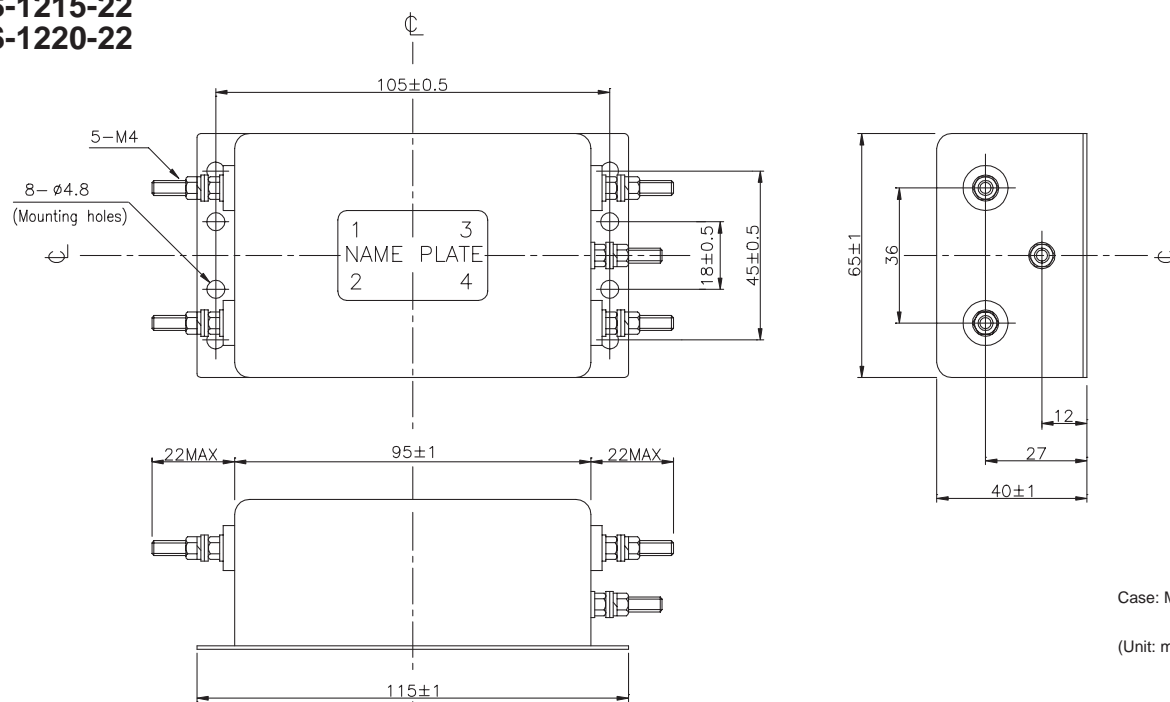
MBS-1230

R: Breeder resistance

■ Derating

Derating(A)

Derating(B)

Noise Filter

● Request customer specification for further details of specifications, outline, characteristics, etc.
  Read the instruction manual before usage.
● Contact us about delivery before ordering.

MBS-SERIES

Noise Filter

■ **MBS-1205-22**
■ **MBS-1210-22**

2−⌀4.8
(Mounting holes)

5−M4

1 3
NAME PLATE
2 4

60.5±0.5
70±1

52±1
25

12
27
40±1

17MAX 62±1 17MAX

Case: Metal

(Unit: mm)

■ **MBS-1215-22**
■ **MBS-1220-22**

105±0.5

5−M4

8−⌀4.8
(Mounting holes)

1 3
NAME PLATE
2 4

18±0.5
45±0.5

65±1
36

12
27
40±1

22MAX 95±1 22MAX

115±1

Case: Metal

(Unit: mm)

■ **MBS-1230-22**

4−4.5X6.5
(Mounting holes)

1 3
NAME PLATE
2 4

58±0.5

M4

4−M6

70±2
34

15
37
50±1

144±0.5

31MAX 135±1 31MAX

157±1

Case: Metal

(Unit: mm)

MBS-SERIES
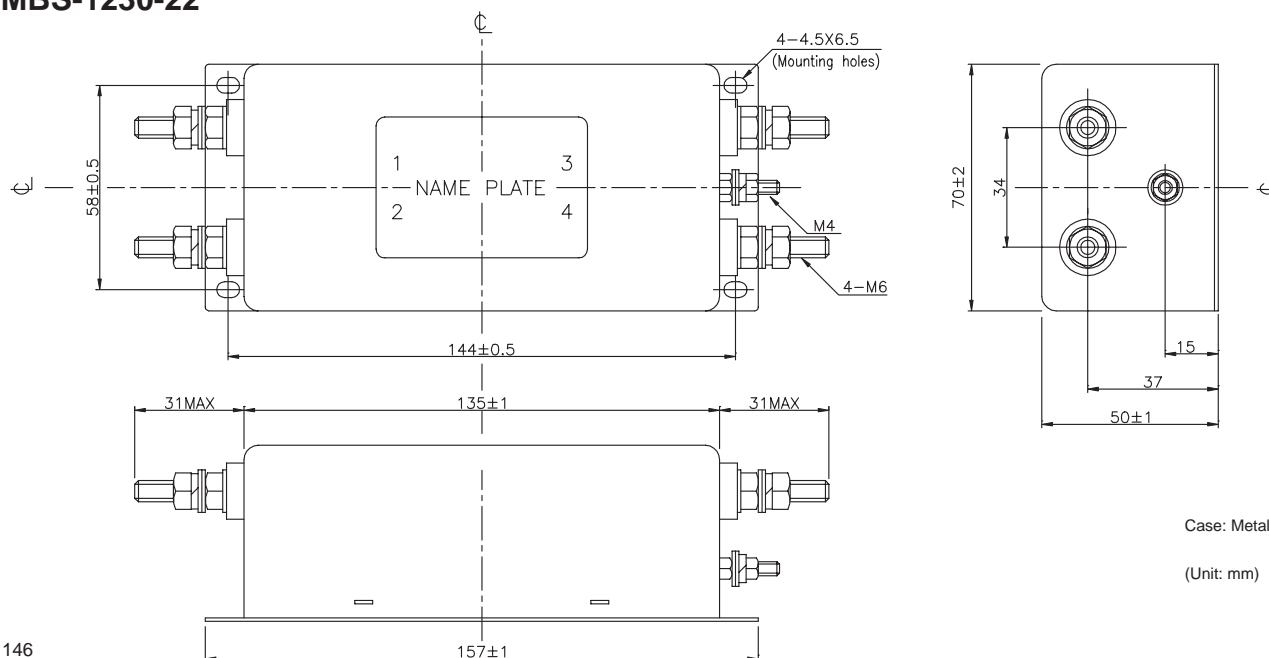
CHARACTERISTICS

■ Typical Insertion Loss   .... Symmetrical
                             ———— Asymmetrical

MBS-1205
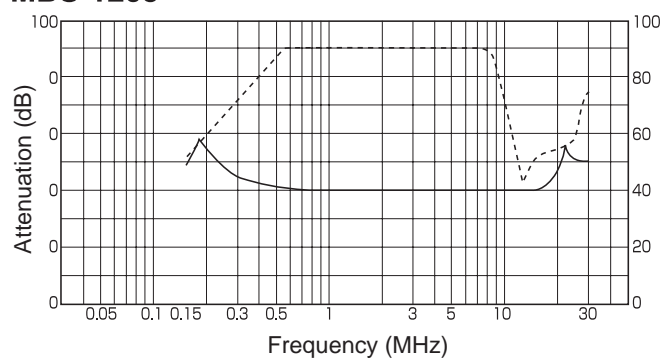
MBS-1210
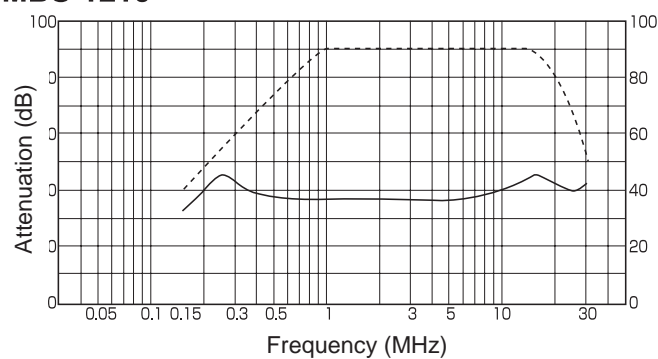
MBS-1215

MBS-1220

MBS-1230

Noise Filter
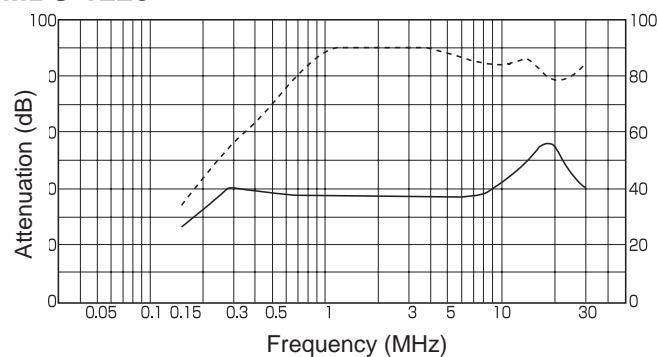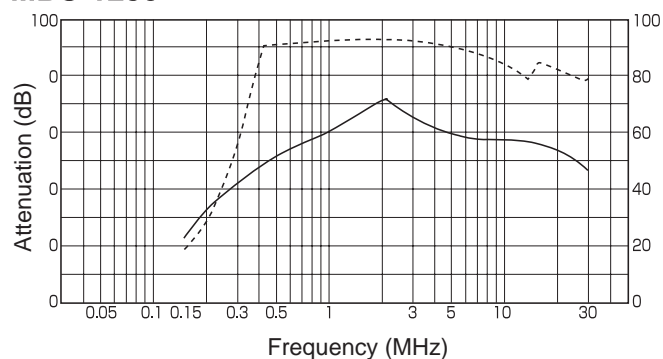
147
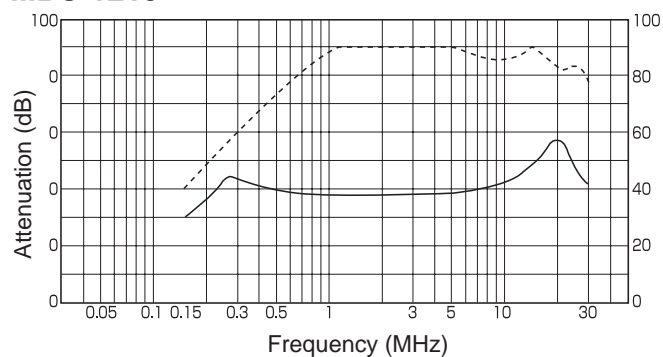
Mouser Electronics

Authorized Distributor

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  [MBS-1210-22](#) [MBS-1215-22](#) [MBS-1220-22](#) [MBS-1230-22](#) [MBS-1205-22](#)