



## ■ 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.)

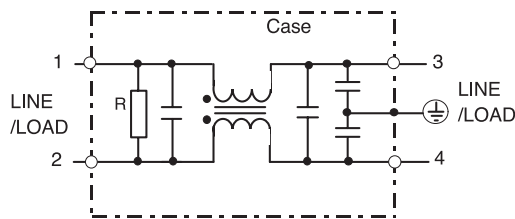
## ■ Specifications

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.		
		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.

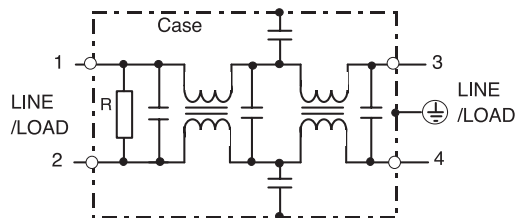
## ■ Circuit

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



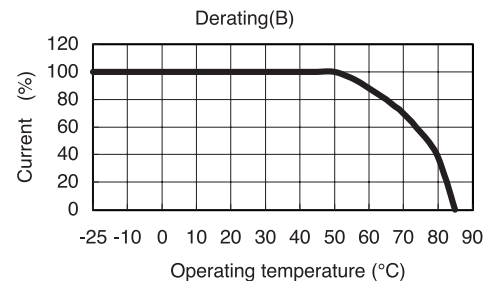
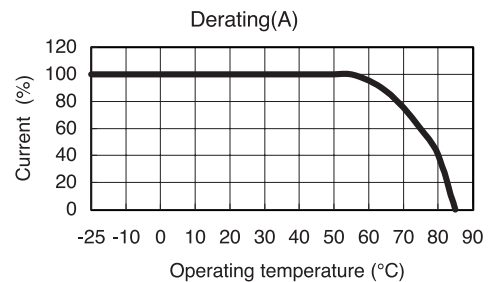
R: Breeder resistance

MBS-1230



R: Breeder resistance

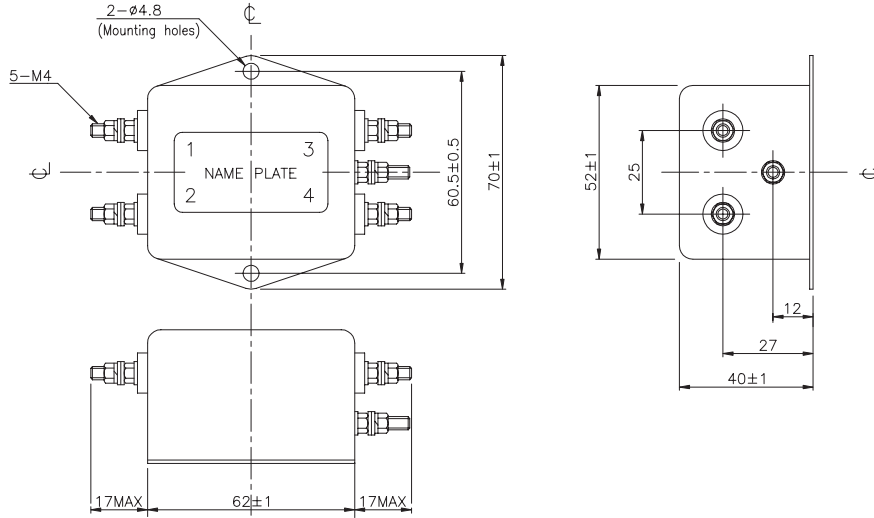
## ■ Derating



- 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

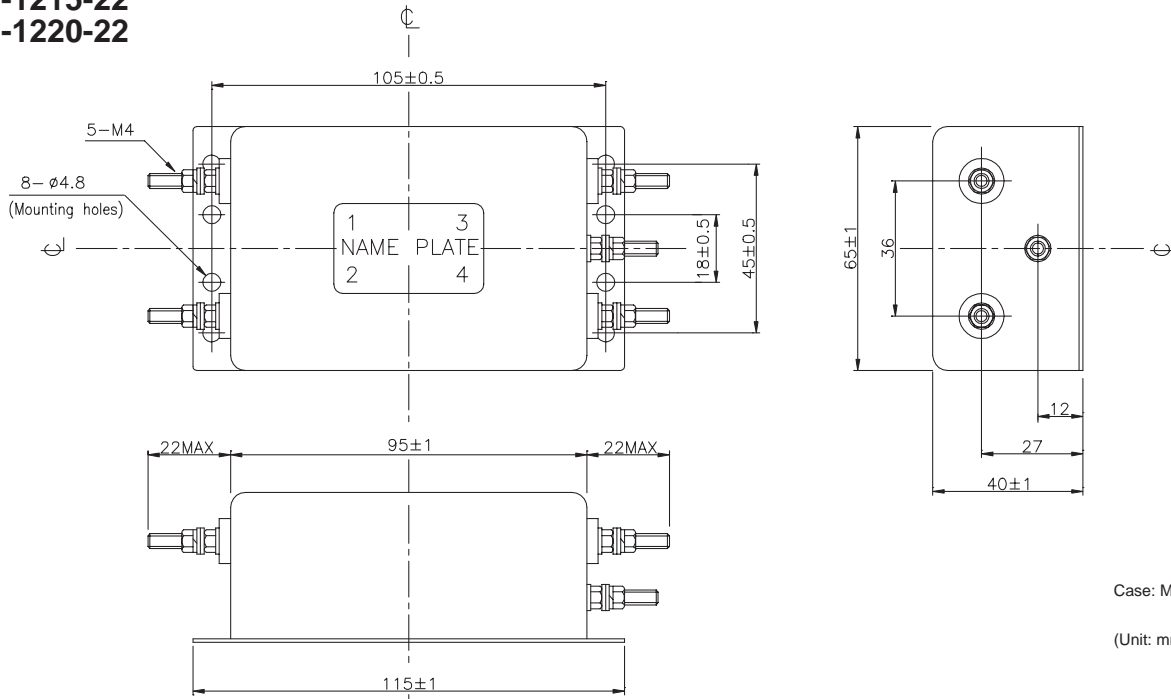
- MBS-1205-22
- MBS-1210-22



Case: Metal

(Unit: mm)

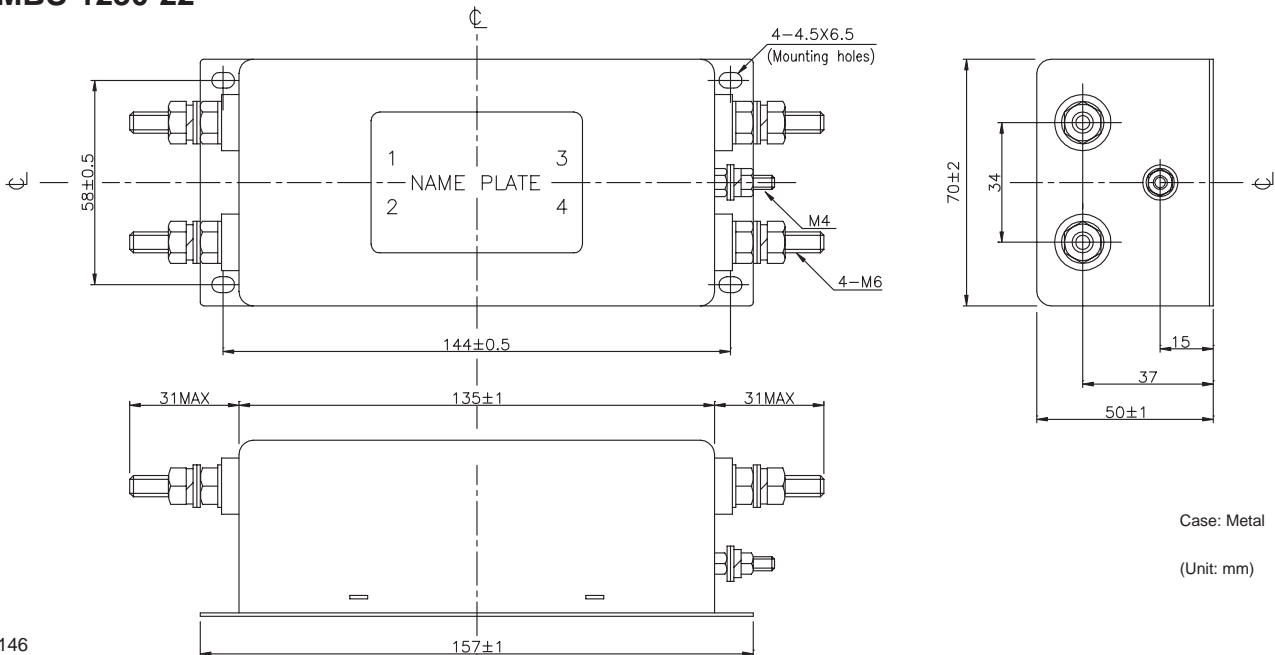
- MBS-1215-22
- MBS-1220-22



Case: Metal

(Unit: mm)

- MBS-1230-22



Case: Metal

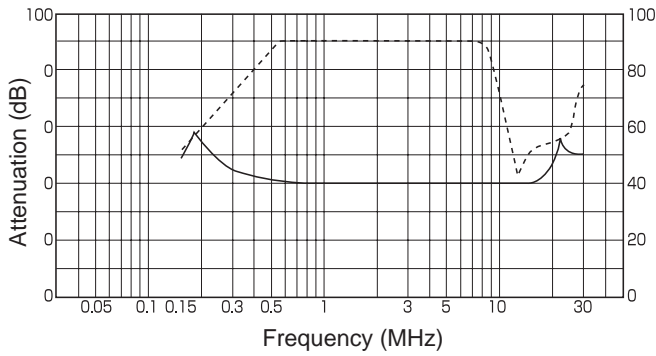
(Unit: mm)

Noise Filter

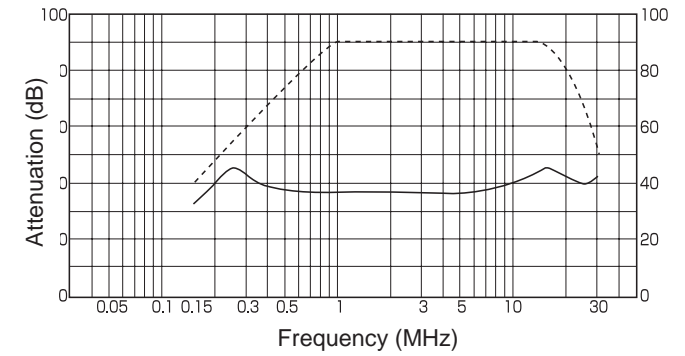
## CHARACTERISTICS

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

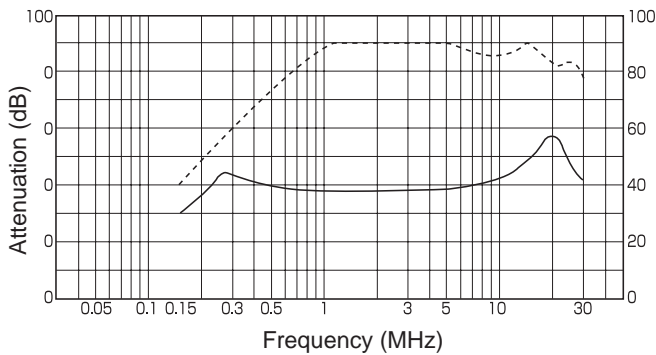
**MBS-1205**



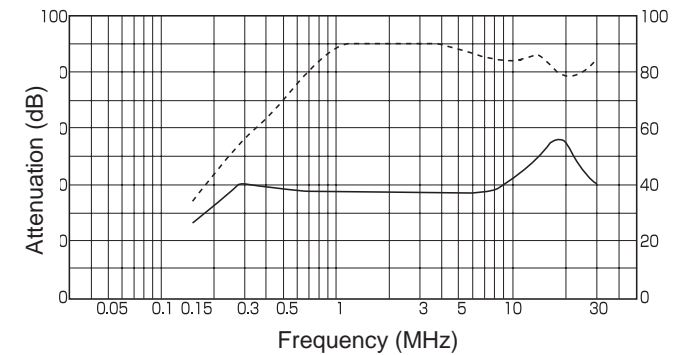
**MBS-1210**



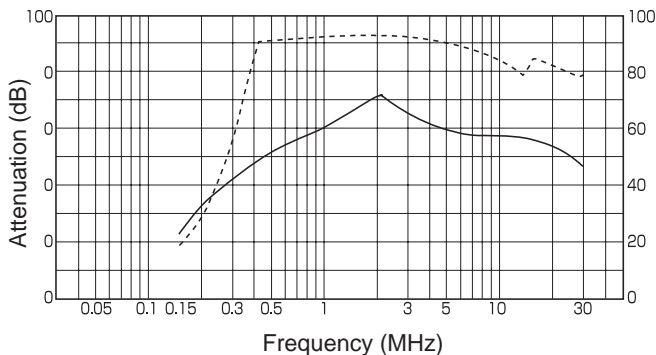
**MBS-1215**



**MBS-1220**



**MBS-1230**



Noise Filter