



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.)

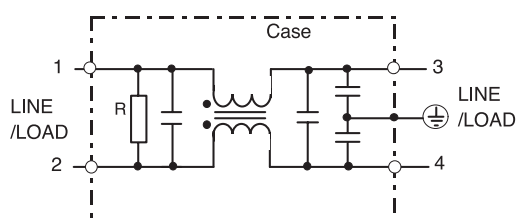
Specifications

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.

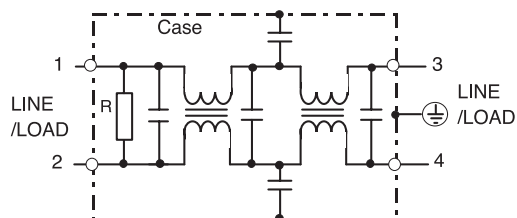
Circuit

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



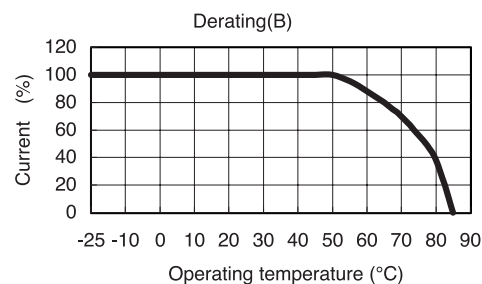
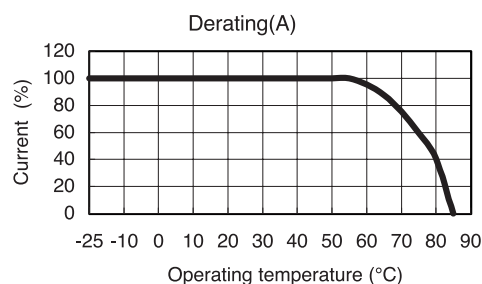
R: Breeder resistance

MBS-1230



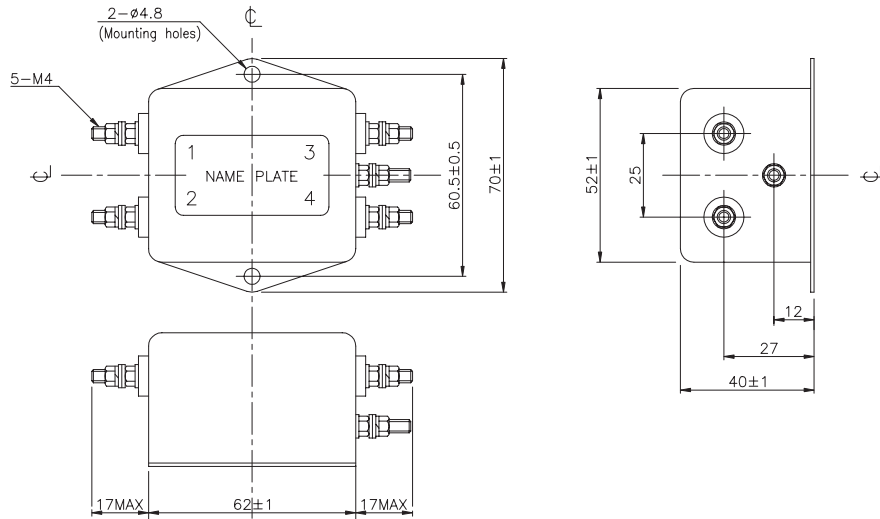
R: Breeder resistance

Derating



MBS-SERIES

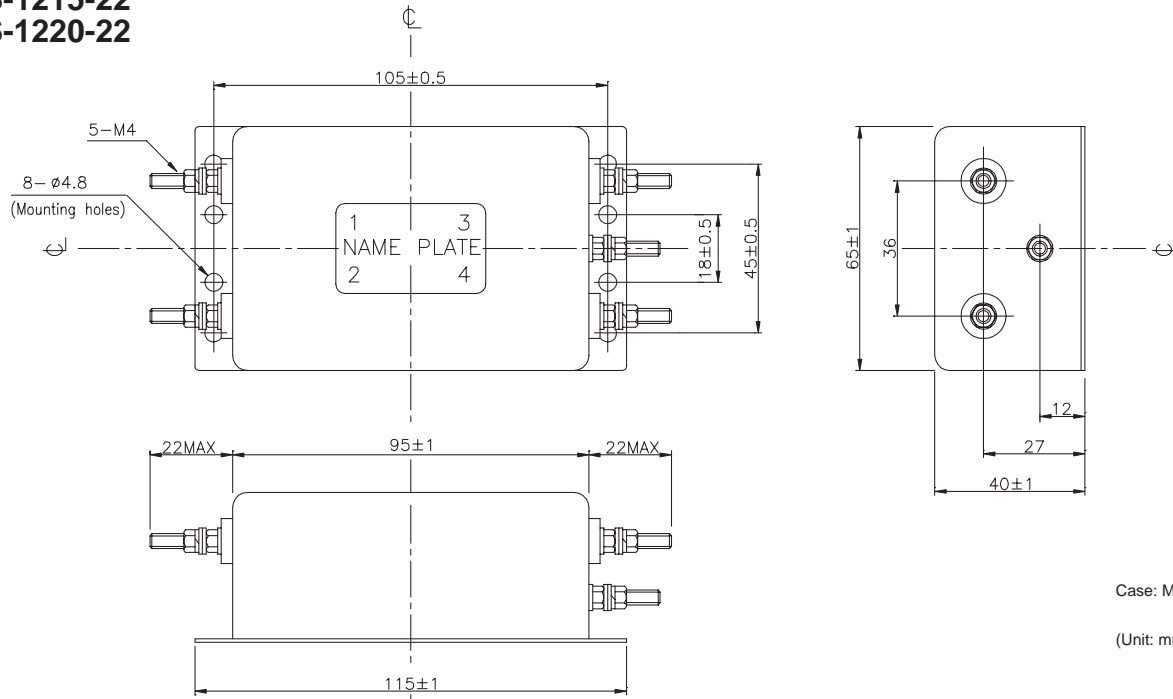
■ MBS-1205-22 ■ MBS-1210-22



Case: Metal

(Unit: mm)

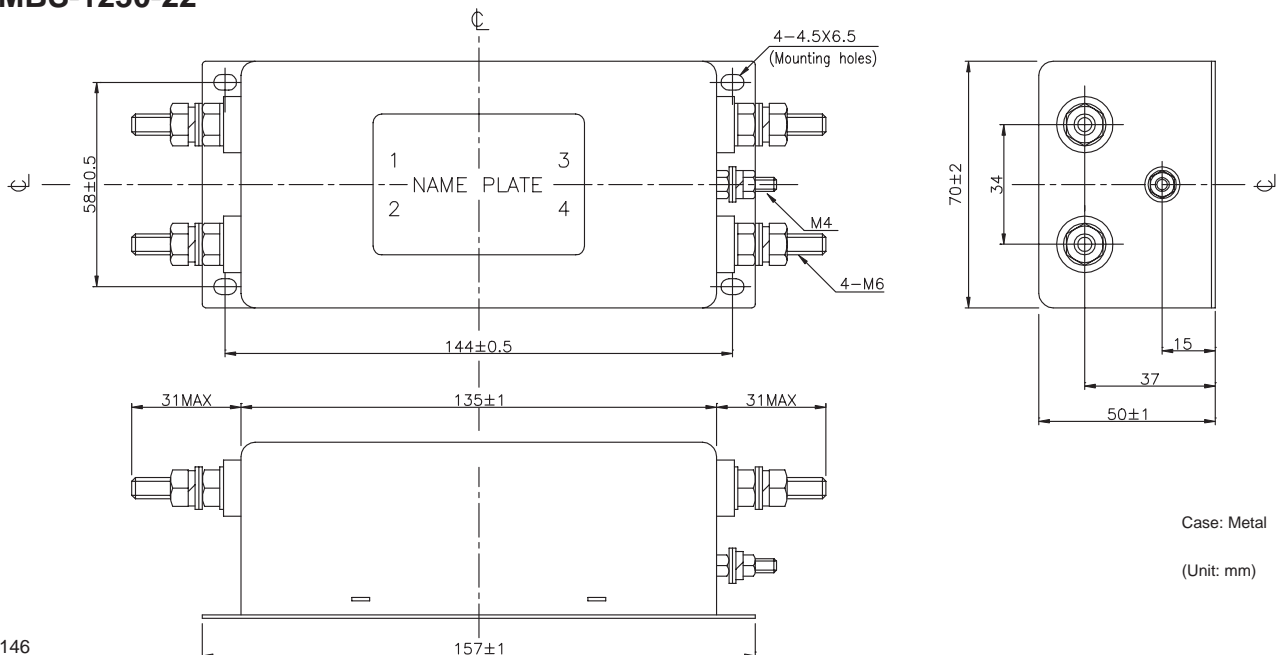
■ MBS-1215-22 ■ MBS-1220-22



Case: Metal

(Unit: mm)

■ MBS-1230-22



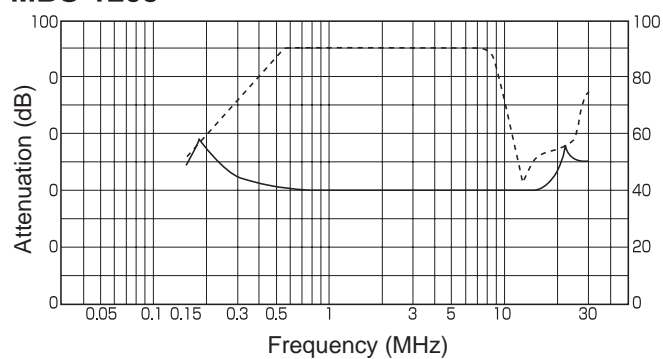
Case: Metal

(Unit: mm)

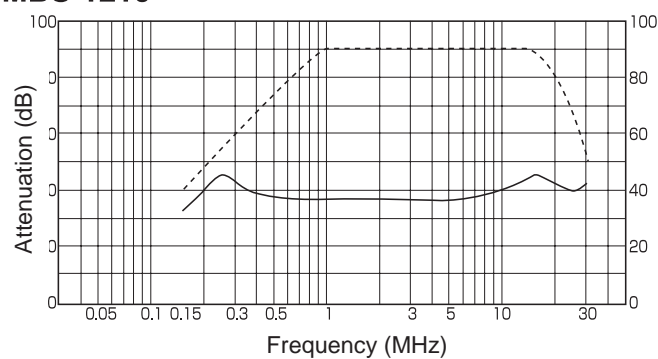
CHARACTERISTICS

■ Typical Insertion Loss Symmetrical
—— Asymmetrical

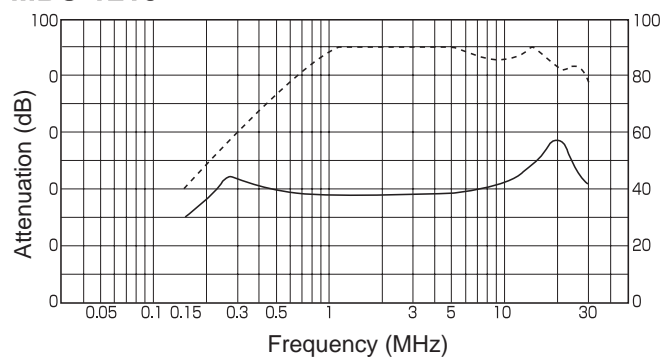
MBS-1205



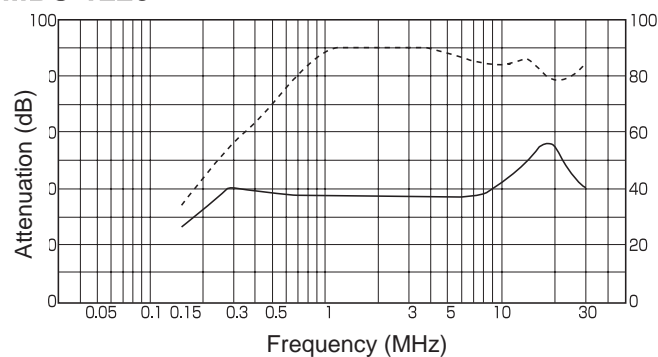
MBS-1210



MBS-1215



MBS-1220



MBS-1230

