



## ■ Features

- (1) Wide band, High attenuation by 2-stage choke coil
- (2) Block terminal with cover  
Simple wire connection  
High safety by cover.

## ■ Safety standard

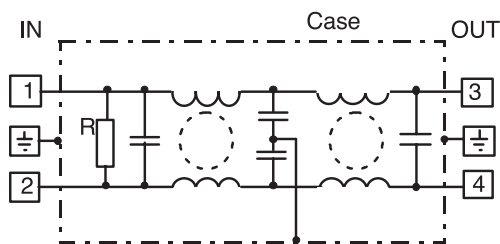
- UL1283, CSA Std. C22. 2 No.8
- VDE0565 Teil. 3, Teil 3A2
- (VDE0565 will transfer to EN133200 on and after July 23, 2003.)

## ■ Specifications

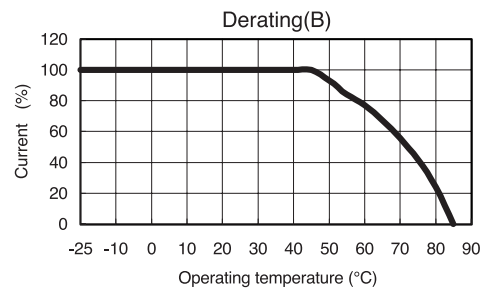
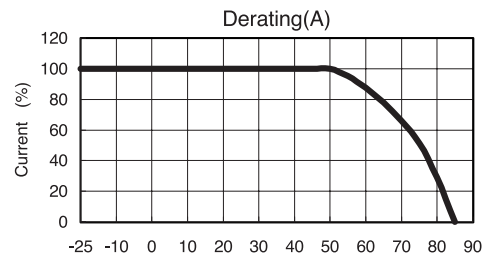
| Item | Model   | MXB-1206-33  | MXB-1210-33  | MXB-1220-33  | MXB-1230-33  |
|------|---|--|--------------|--------------|--------------|
| 1    | Rated voltage (AC, DC)                          | 250V   |              |              |              |
| 2    | Rated current (AC, DC)                          | 6A (Note 1)  | 10A (Note 1) | 20A (Note 2) | 30A (Note 2) |
| 3    | Test voltage (terminal to case, AC 1 minute)    | 2500V (25°C, 70% RH)   |              |              |              |
| 4    | Isolation resistance (terminal to case, 500VDC) | 100MΩ min. (25°C, 70% RH)  |              |              |              |
| 5    | Leakage current                                 | 125V, 60Hz   | 0.5mA max.   |              |              |
|      |   | 250V, 60Hz   | 1mA max.     |              |              |
| 6    | DC resistance                                   | 0.3Ω max.  | 0.1Ω max.    | 0.02Ω max.   | 0.01Ω max.   |
| 7    | Temperature rise                                | 35°C max.  |              | 40°C max     |              |
| 8    | Operating temperature range                     | -25 ~ +85°C  |              |              |              |
| 9    | Operating humidity                              | 30% ~ 90% RH (No dewdrop)  |              |              |              |
| 10   | Storage temperature                             | -30 ~ +85°C  |              |              |              |
| 11   | Storage humidity                                | 10% ~ 95% RH (No dewdrop)  |              |              |              |
| 12   | Vibration                                       | Sweep: 10 ~ 55 ~ 10Hz (for 1 minute), Amplitude: 1.5mm X, Y and Z axes for 2 hours |              |              |              |
| 13   | Safety standard                                 | Approved by UL1283, CSA C22.2 No. 8 (C-UL) and VDE0565 Teil3, Teil3A2              |              |              |              |
| 14   | Weight (typ)                                    | 220g   | 310g         | 530g         | 660g         |

(Note 1) : Value at Ta ≤ 50°C. Refer to the derating curve shown below at Ta > 50°C.  
(Note 2) : Value at Ta ≤ 45°C. Refer to the derating curve shown below at Ta > 45°C.

## ■ Circuit



## ■ Derating

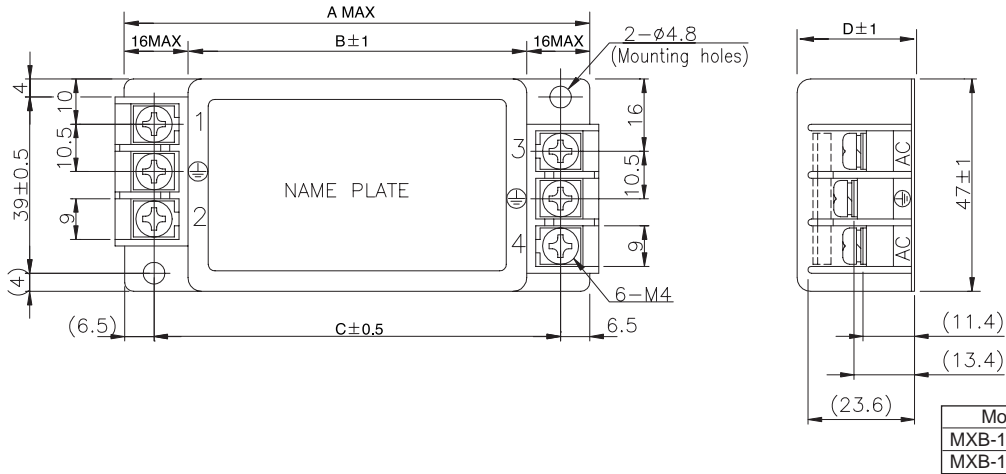


- Request customer specification for further details of specifications, outline, characteristics, etc.  
Read the instruction manual before usage.
- Contact us about delivery before ordering.

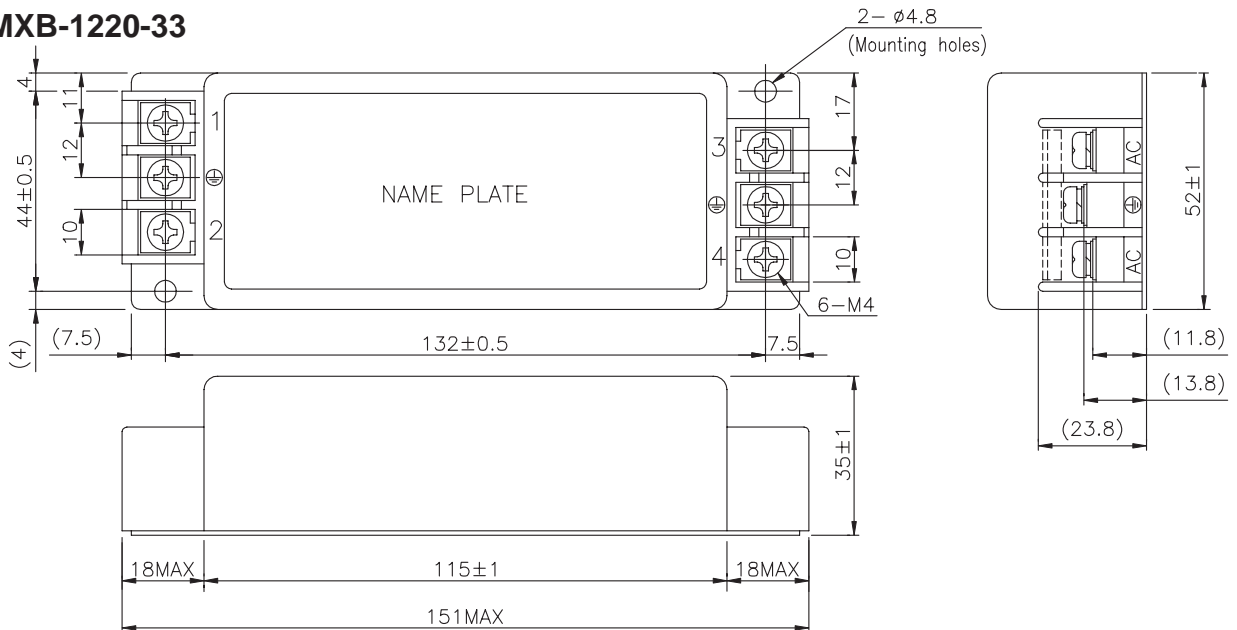
# MXB-SERIES

■ **MXB-1206-33**

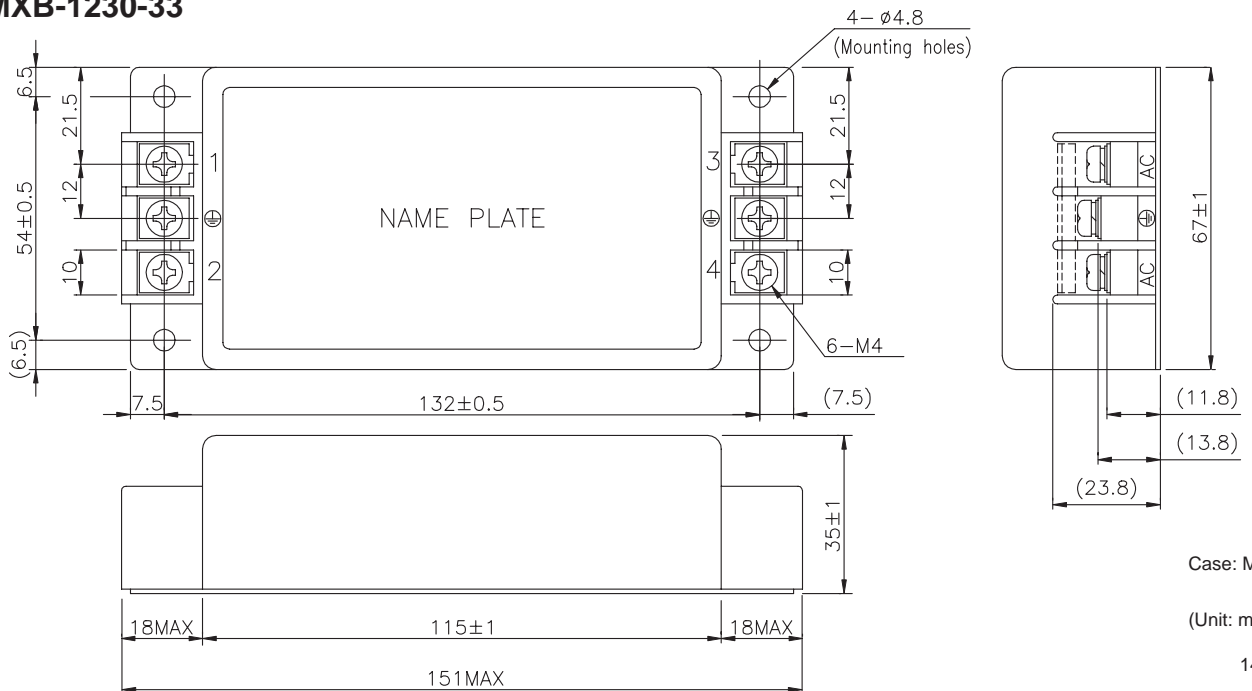
■ **MXB-1210-33**



■ **MXB-1220-33**



■ **MXB-1230-33**



Case: Metal

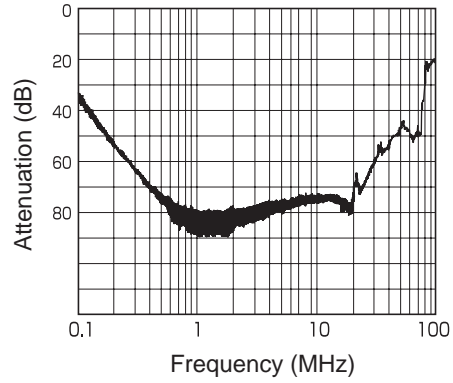
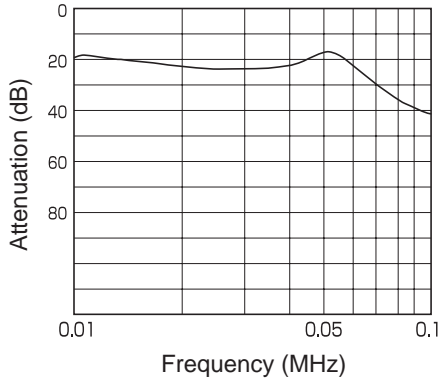
(Unit: mm)

## CHARACTERISTICS

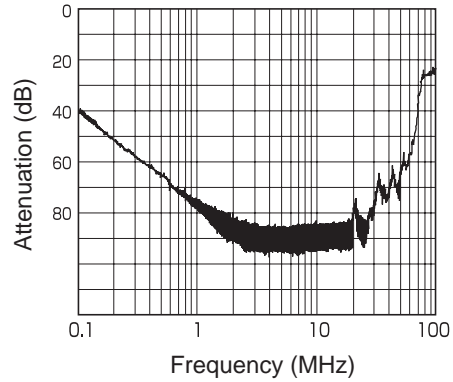
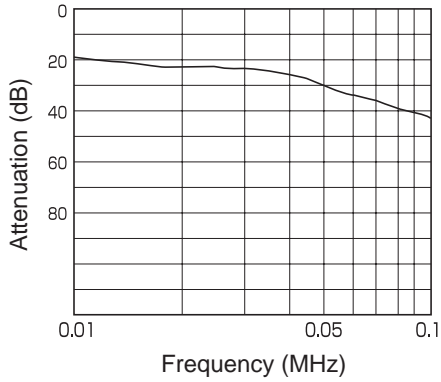
### ■ Typical Insertion Loss

(1) Asymmetrical

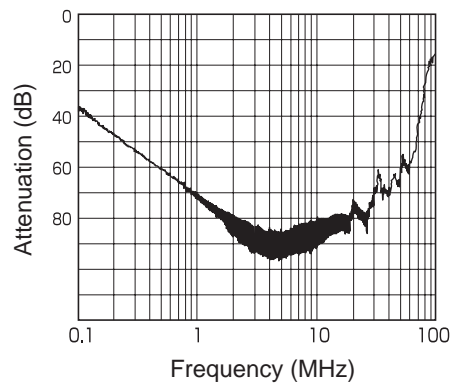
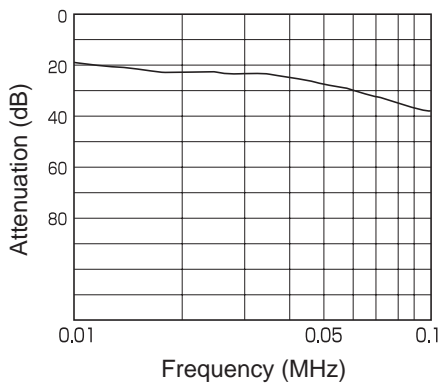
#### MXB-1206-33



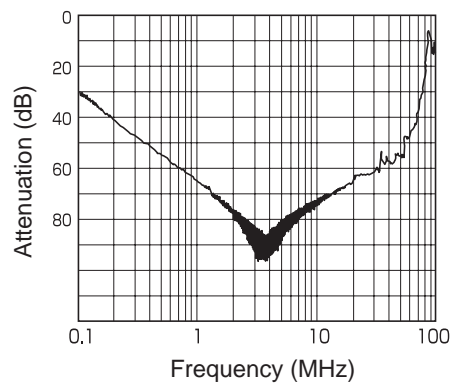
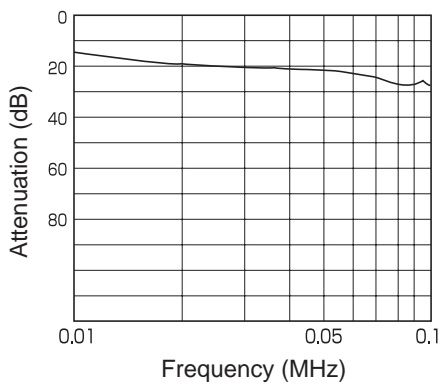
#### MXB-1210-33



#### MXB-1220-33



#### MXB-1230-33



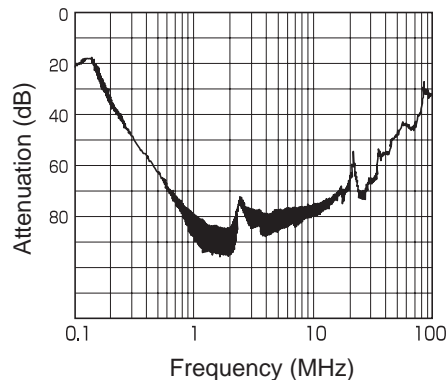
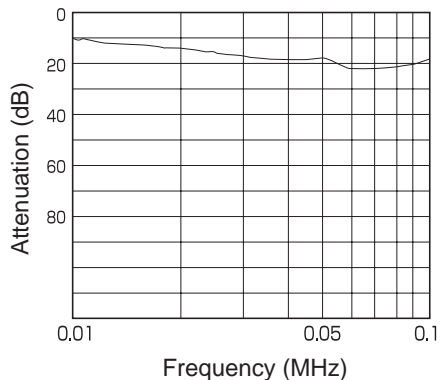
Noise Filter

## CHARACTERISTICS

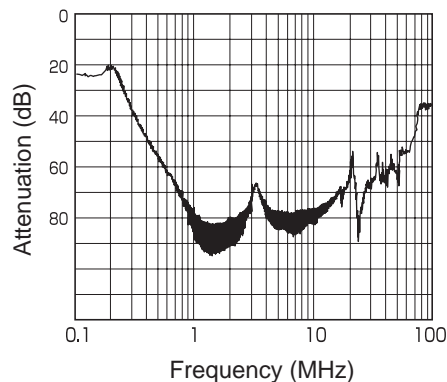
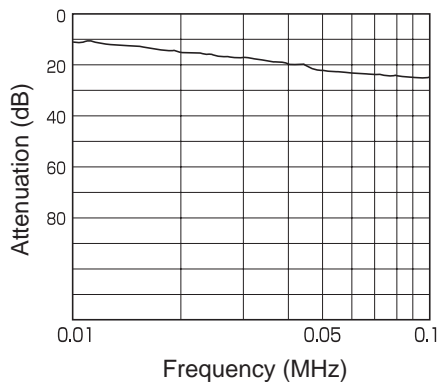
■ Typical Insertion Loss

(2) Symmetrical

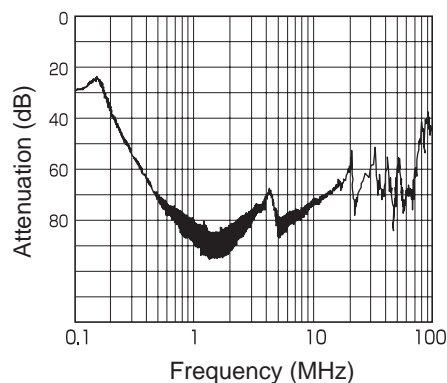
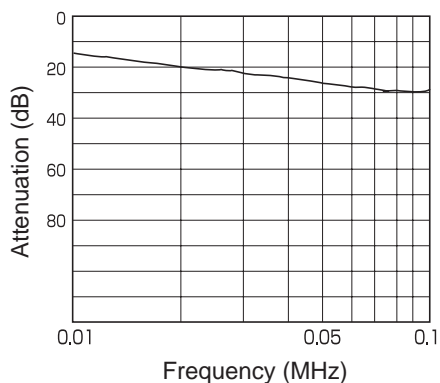
### MXB-1206-33



### MXB-1210-33



### MXB-1220-33



### MXB-1230-33

