



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

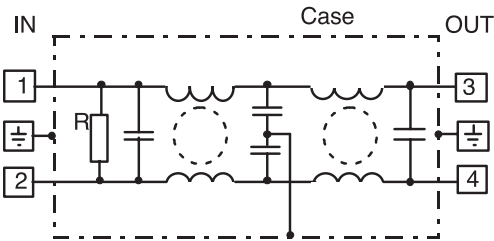
■ Safety standard  
UL1283, CSA Std. C22. 2 No.8  
VDE0565 Teil. 3, Teil 3A2  
(VDE0565 will transfer to EN133200 on and after July 23, 2003.)

■ Specifications

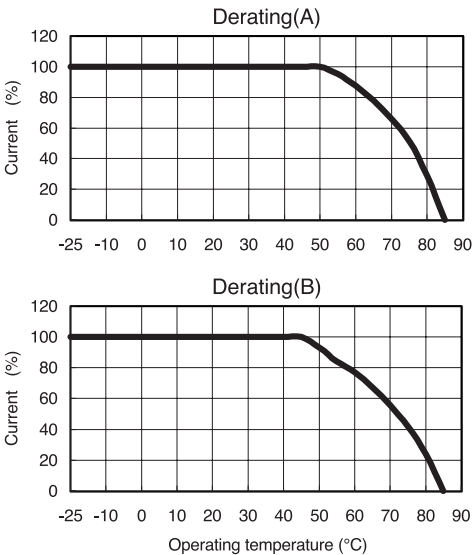
| Model |                                                 |            | MXB-1206-33                                                                        | MXB-1210-33  | MXB-1220-33  | MXB-1230-33  |
|-------|-------------------------------------------------|------------|------------------------------------------------------------------------------------|--------------|--------------|--------------|
| 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

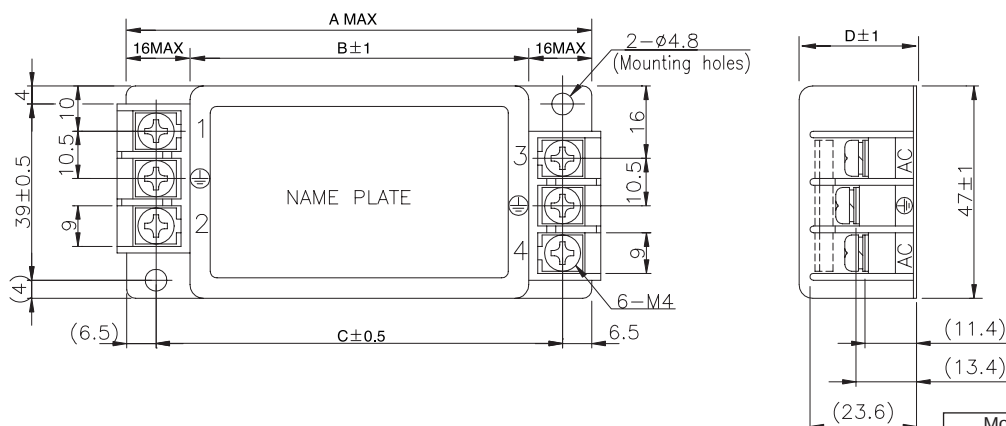


● Request customer specification for further details of specifications, outline, characteristics, etc.  
Read the instruction manual before usage.  
● Contact us about delivery before ordering.

# MXB-SERIES

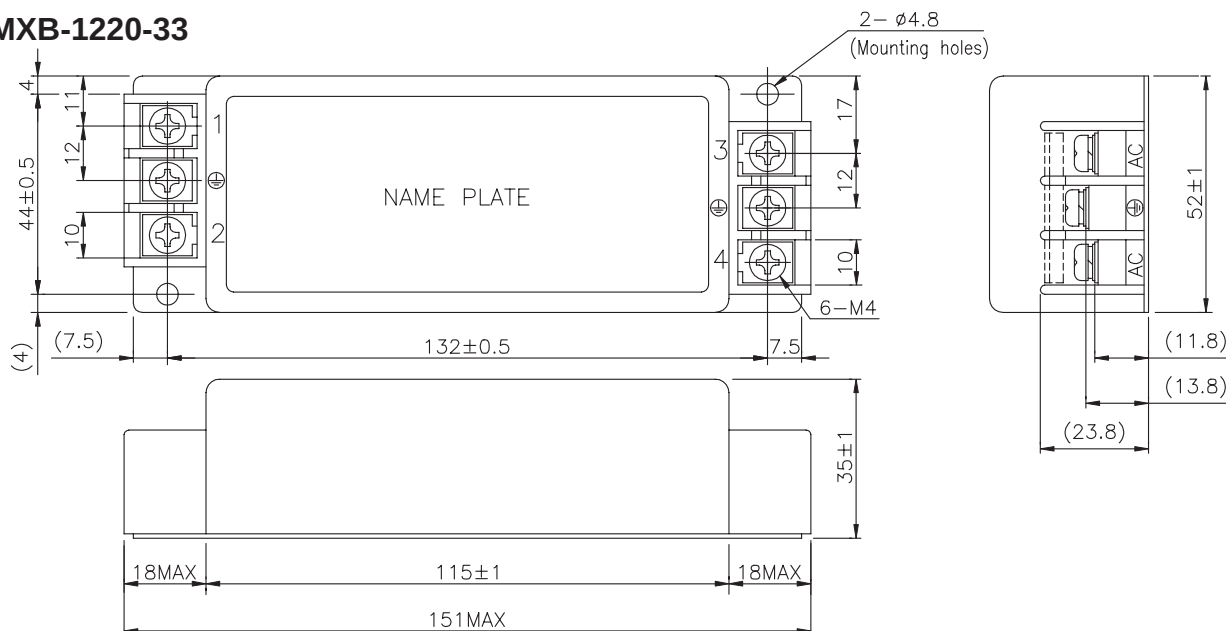
## ■ MXB-1206-33

## ■ MXB-1210-33

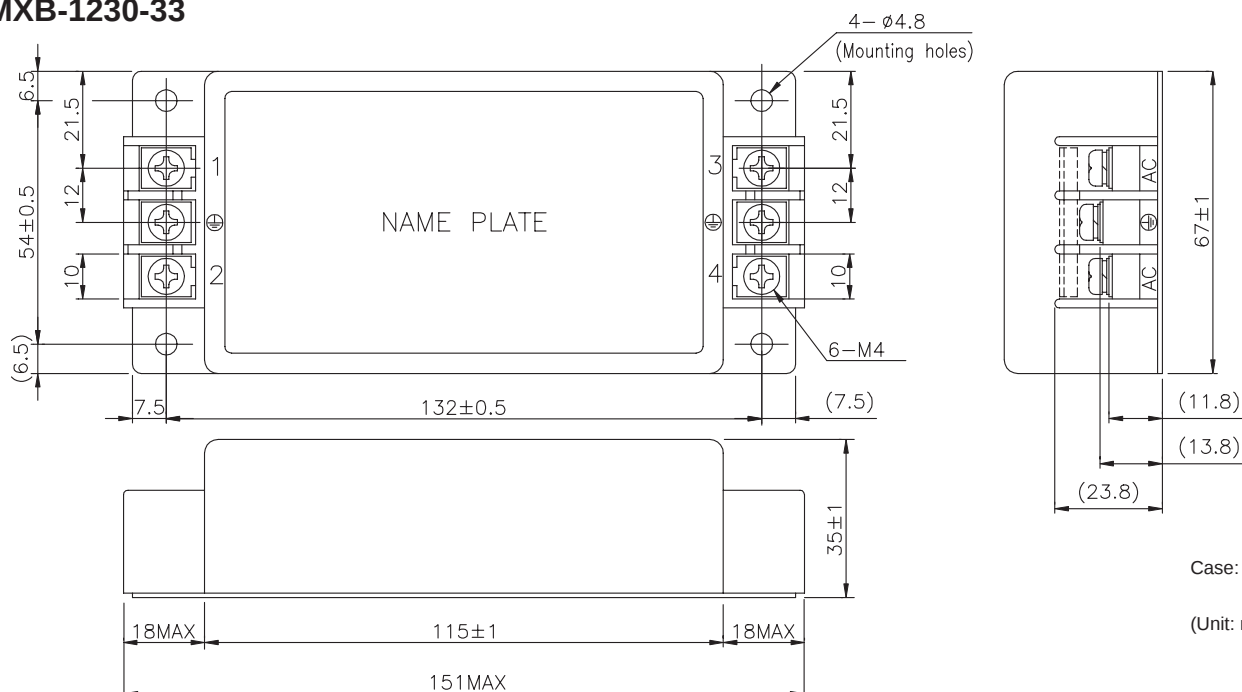


| Models      | A   | B  | C   | D  |
|-------------|-----|----|-----|----|
| MXB-1206-33 | 107 | 75 | 90  | 26 |
| MXB-1210-33 | 117 | 85 | 100 | 30 |

## ■ MXB-1220-33



## ■ MXB-1230-33



Case: Metal

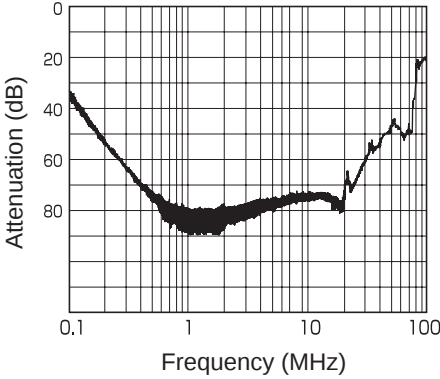
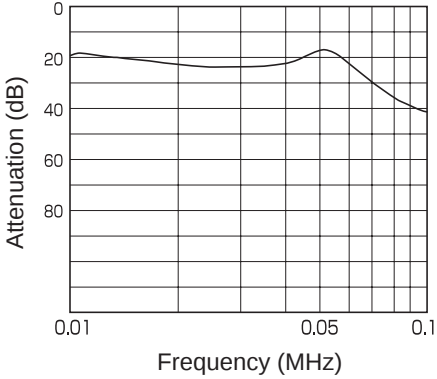
(Unit: mm)

CHARACTERISTICS

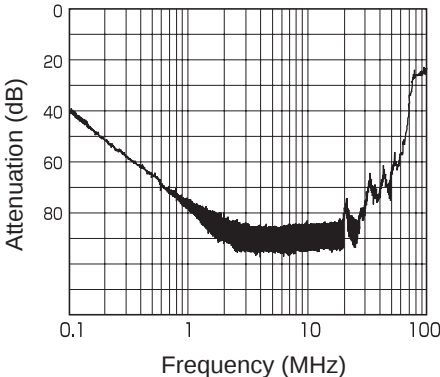
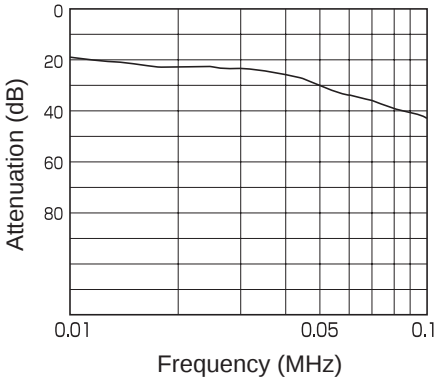
■ Typical Insertion Loss

(1) Asymmetrical

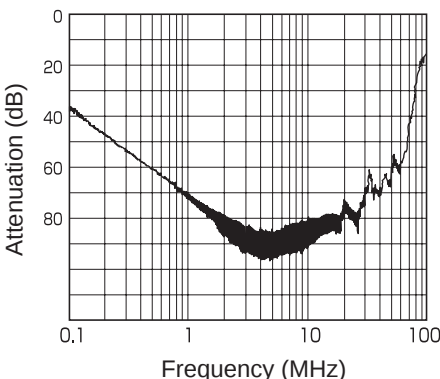
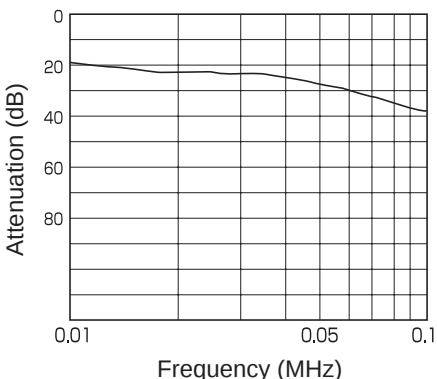
MXB-1206-33



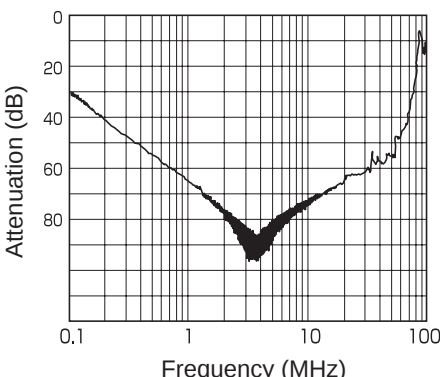
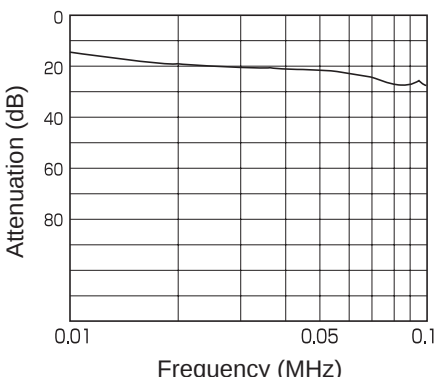
MXB-1210-33



MXB-1220-33



MXB-1230-33



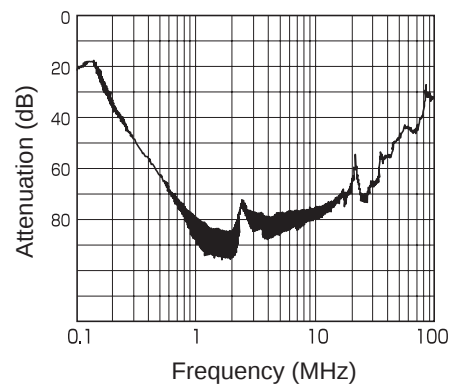
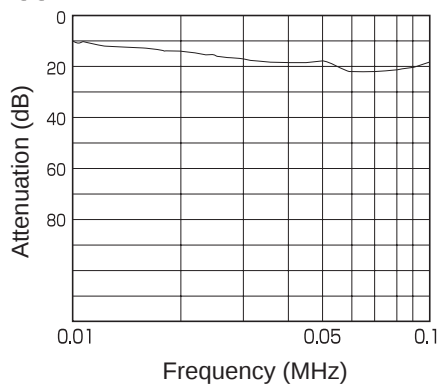
Noise Filter

## CHARACTERISTICS

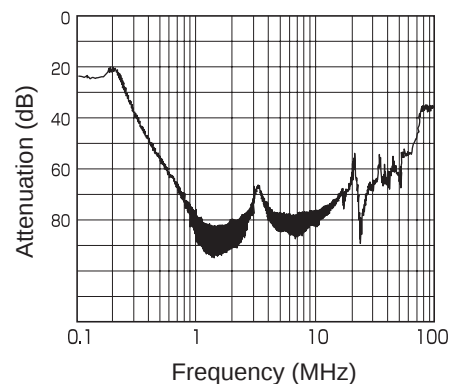
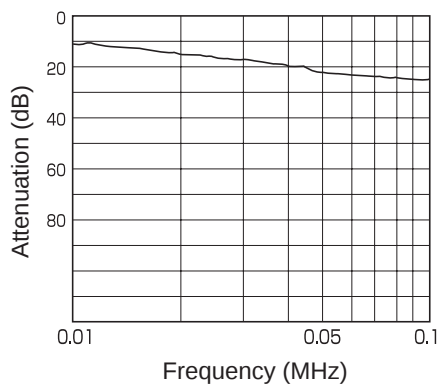
■ Typical Insertion Loss

(2) Symmetrical

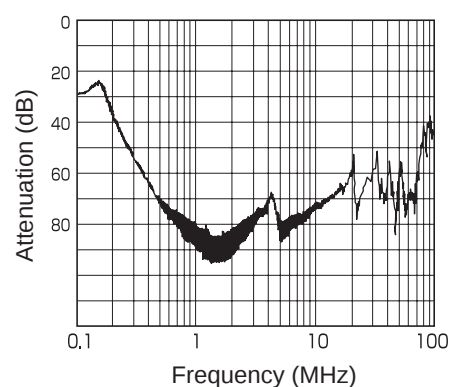
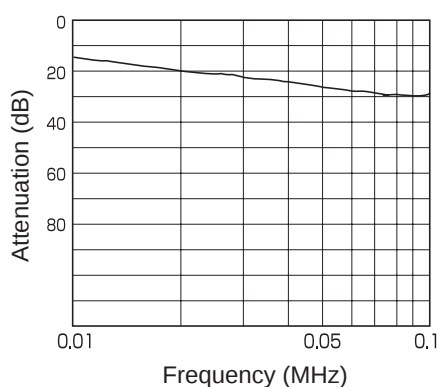
### MXB-1206-33



### MXB-1210-33



### MXB-1220-33



### MXB-1230-33

