

MXB-1206-33 Datasheet



DiGi Electronics Part Number	MXB-1206-33-DG
Manufacturer	TDK-Lambda Americas Inc
Manufacturer Product Number	MXB-1206-33
Description	LINE FILTER 250VDC/VAC 6A CHASS
Detailed Description	Single Phase EMC/EMI Line Filter 6 A 250VAC Two S tage Terminal Block

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Purchase and inquiry

Manufacturer Product Number:

MXB-1206-33

Series:

MXB

Filter Type:

Single Phase

Voltage - Rated DC:

250V

Current:

6 A

Approval Agency:

CSA, UL, VDE

Mounting Type:

Chassis Mount

Inductance:

-

Manufacturer:

TDK-Lambda Americas Inc

Product Status:

Obsolete

Configuration:

Two Stage

Voltage - Rated AC:

250V

Applications:

General Purpose

Operating Temperature:

-25°C ~ 85°C

Termination Style:

Terminal Block

Environmental & Export classification

Moisture Sensitivity Level (MSL):

Not Applicable

HTSUS:

0000.00.0000

ECCN:

OBSOLETE

MXB-SERIES



■ 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

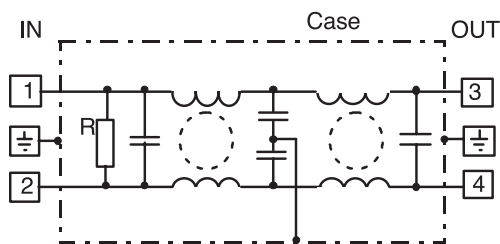
UL1283, CSA Std. C22. 2 No.8
VDE0565 Teil. 3, Teil 3A2
(VDE0565 will transfer to EN133200 on and after July 23, 2003.)

■ Specifications

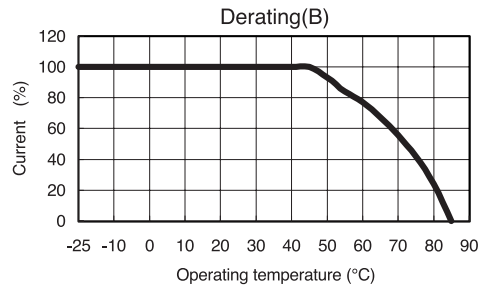
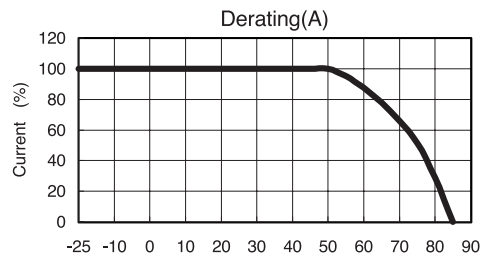
Item	Model	MXB-1206-33	MXB-1210-33	MXB-1220-33	MXB-1230-33
1	Rated voltage (AC, DC)	250V			
2	Rated current (AC, DC)	6A (Note 1)	10A (Note 1)	20A (Note 2)	30A (Note 2)
3	Test voltage (terminal to case, AC 1 minute)	2500V (25°C, 70% RH)			
4	Isolation resistance (terminal to case, 500VDC)	100MΩ min. (25°C, 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



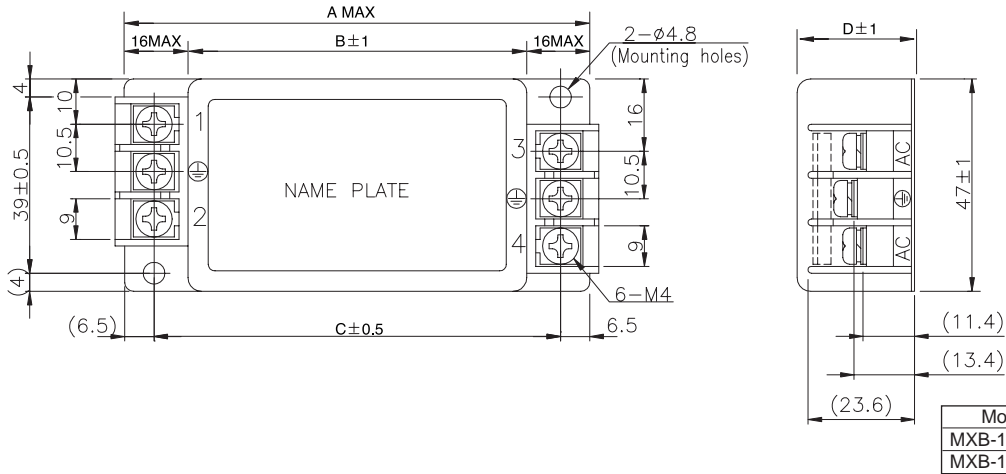
- Request customer specification for further details of specifications, outline, characteristics, etc.
- Read the instruction manual before usage.
- Contact us about delivery before ordering.

Noise Filter

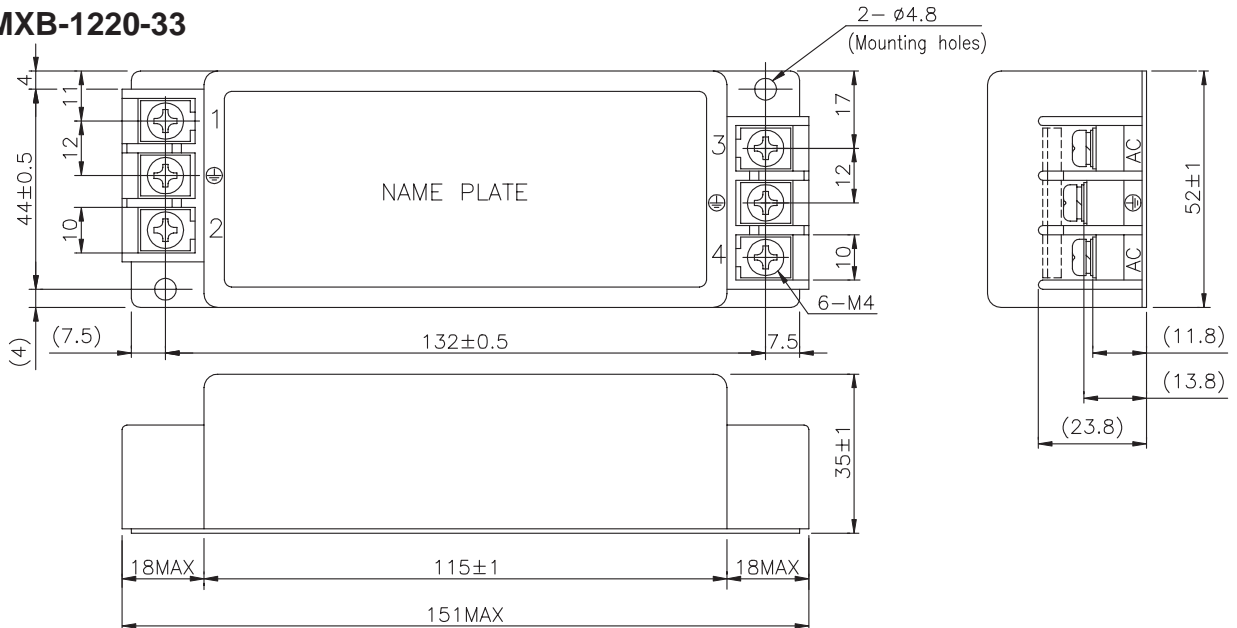
MXB-SERIES

■ **MXB-1206-33**

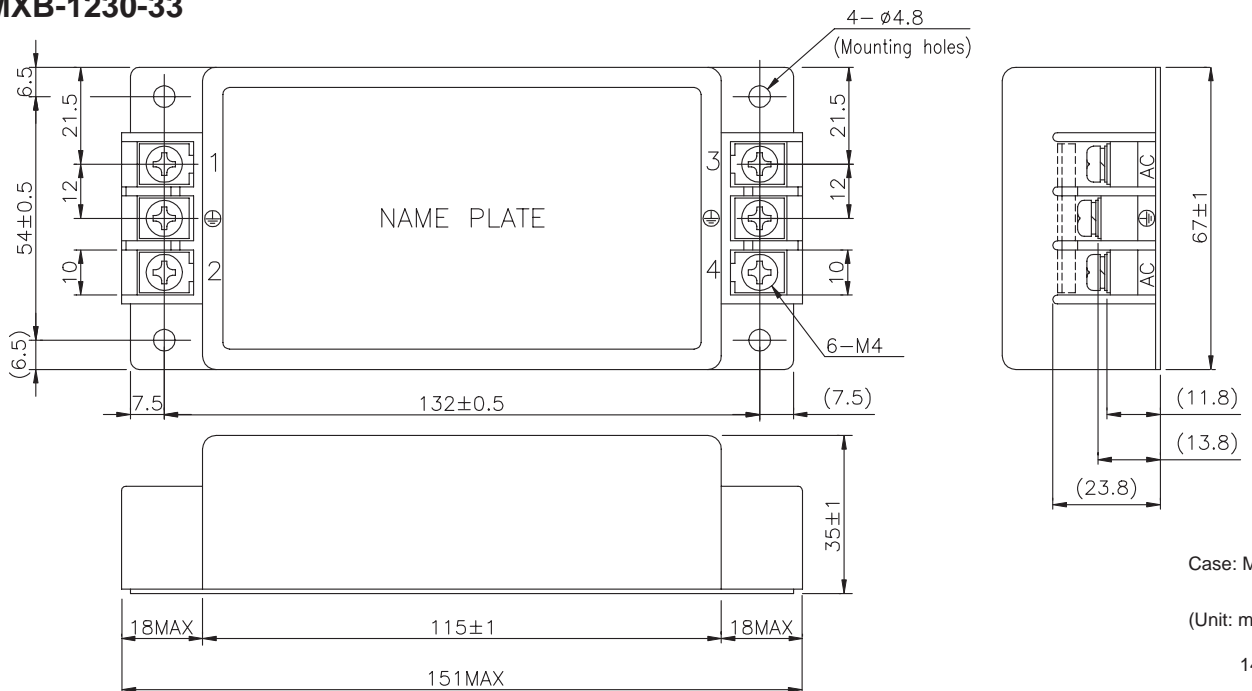
■ **MXB-1210-33**



■ **MXB-1220-33**



■ **MXB-1230-33**



Case: Metal

(Unit: mm)

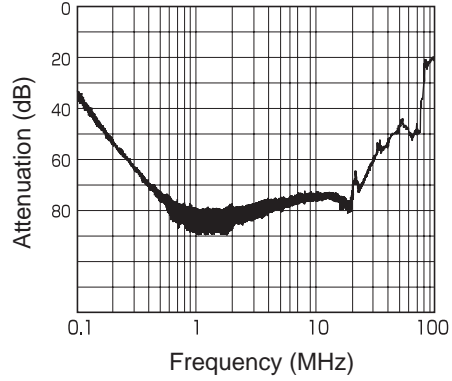
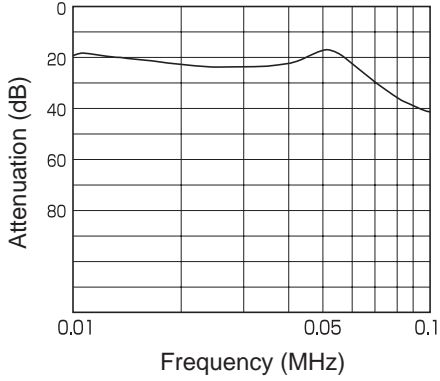
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CHARACTERISTICS

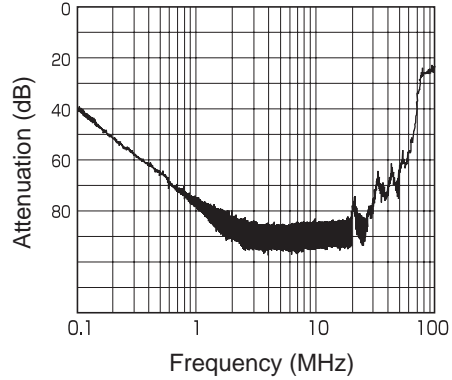
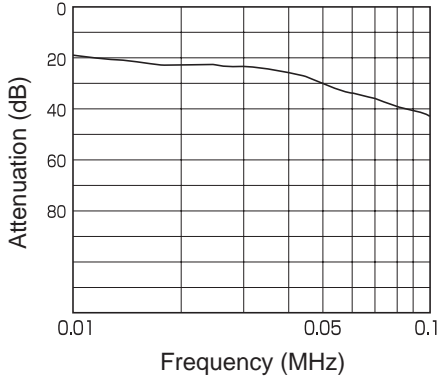
■ Typical Insertion Loss

(1) Asymmetrical

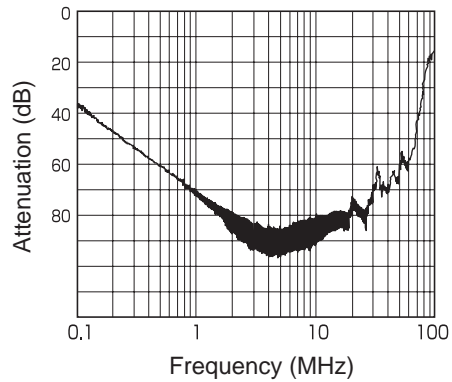
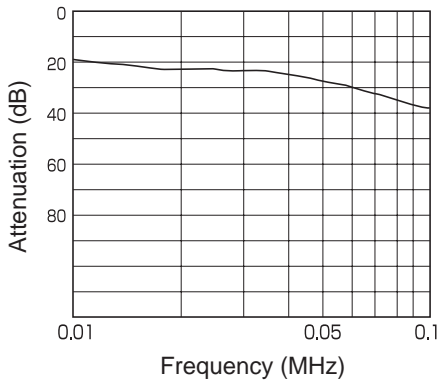
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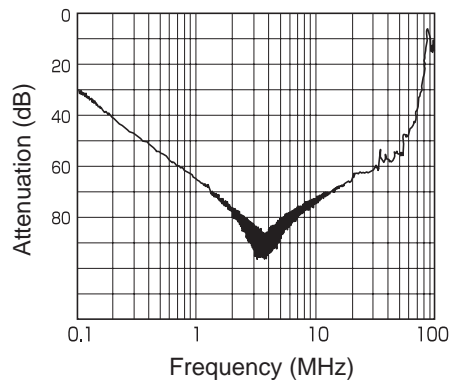
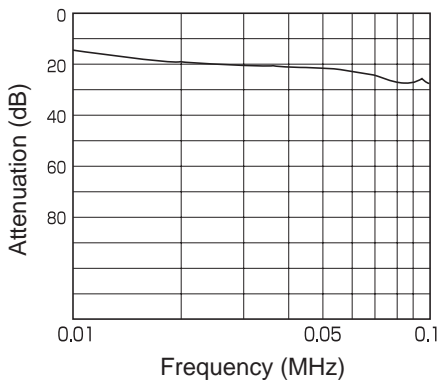
MXB-1210-33



MXB-1220-33



MXB-1230-33



Noise Filter

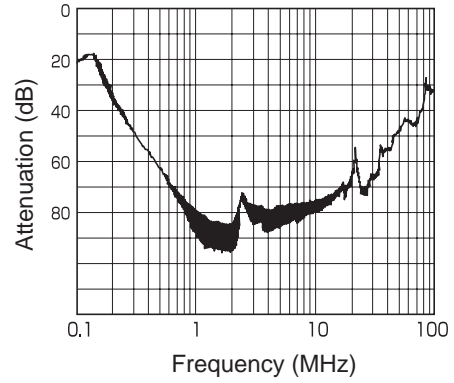
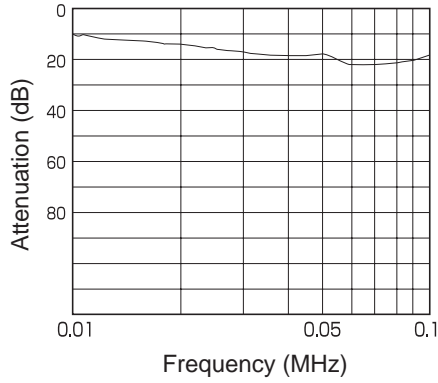
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CHARACTERISTICS

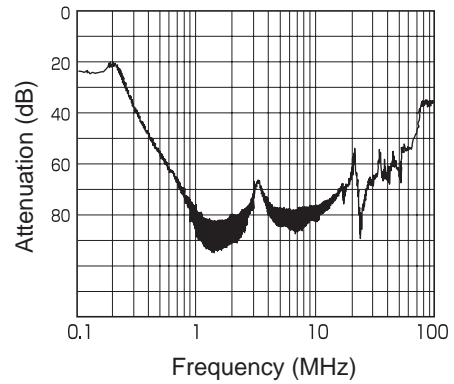
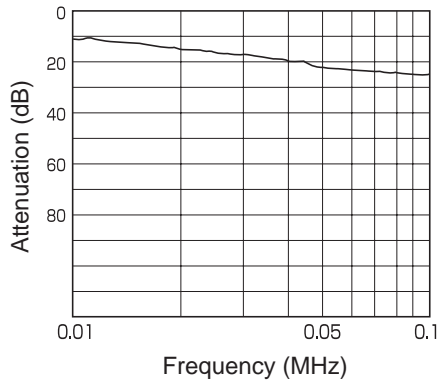
■ Typical Insertion Loss

(2) Symmetrical

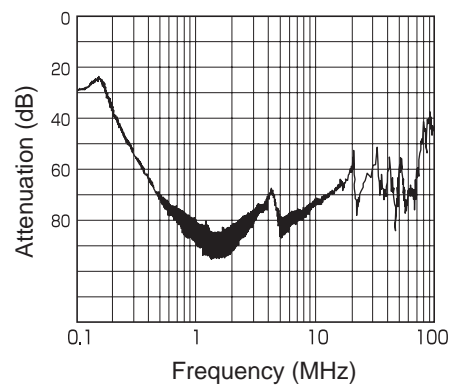
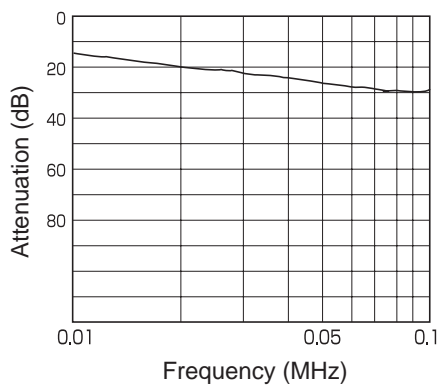
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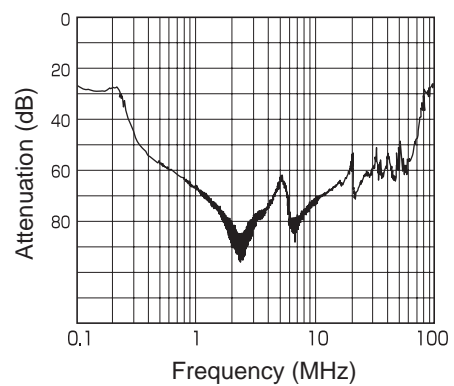
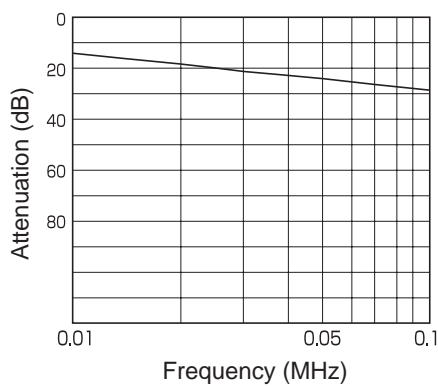
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MXB-1220-33



MXB-1230-33



Noise Filter

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