



### Features

- ◆ Two Stage for High Attenuation
- ◆ Screw Terminals with Cover
- ◆ Improved Performance over MB Series

### Specifications

ITEMS	MODELS	MXB1206-33	MXB1210-33	MXB1220-33	MXB1230-33
Rated Voltage (AC,DC)	V			250V	
Rated Current (AC,DC) (1)	A	6	10	20	30
Test Voltage (terminal to case, AC 1 min.)	V		2500V (20mA) at 25°C, 70% RH		
Isolation Resistance (terminal to case, 500VDC)	Ω		100MΩ min. at 25°C, 70% RH		
Leakage Current	-	125V, 60Hz, 0.5mA max.; 250V, 60Hz, 1.0mA max.			
DC Resistance	mΩ	300 max.	100 max.	20 max.	10 max.
Temperature Rise	°C	35°C max.		40°C max.	
Operating Temperature (1)	°C		-25 to +85°C		
Operating Humidity	%		30% to 90% RH (non-condensing)		
Storage Temperature	°C		-30 to +85°C		
Storage Humidity	%		10% to 95% RH (non-condensing)		
Vibration	-	Sweep: 10-55-10Hz (1min.), Amplitude 1.5mm X, Y, and Z axes, 2 hours each			
Safety Standard	-	Approved by UL1283, CSA C22.2 No.8 (C-UL), EN133200 (VDE0565)			

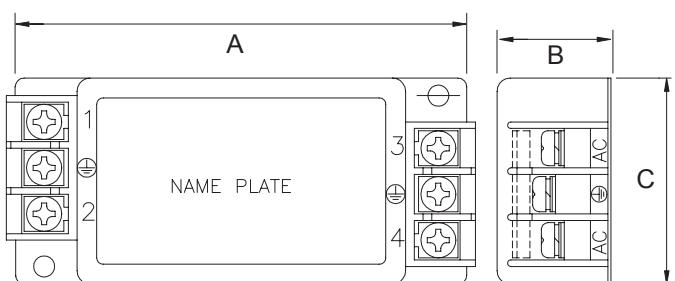
Notes:

(1) Value at  $T_a \leq 50^\circ\text{C}$ . Refer to the derating curve at  $T_a > 50^\circ\text{C}$ .

(2) Value at  $T_a \leq 45^\circ\text{C}$ . Refer to the derating curve at  $T_a > 45^\circ\text{C}$ .

(3) See Derating Curve.

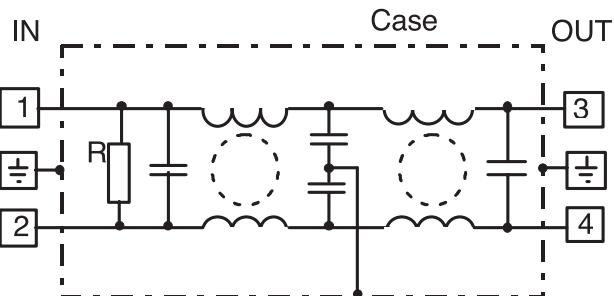
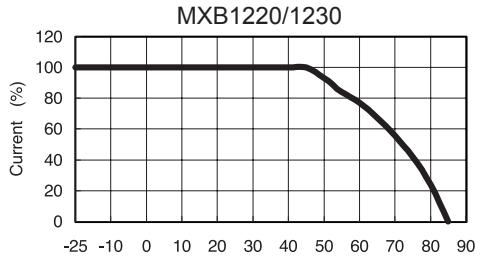
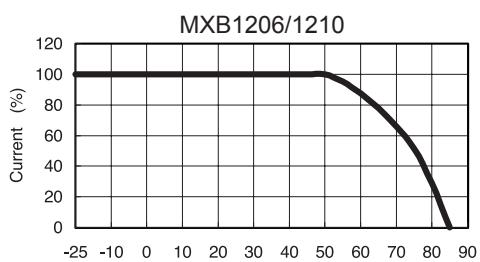
### Outline Drawing



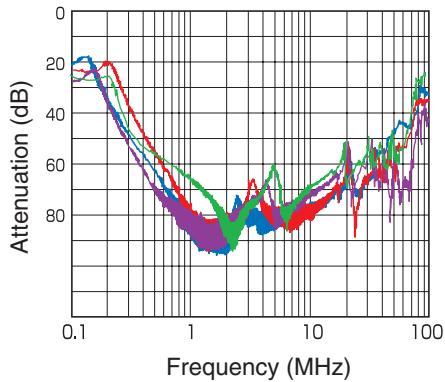
Notes:  
Mounting holes Ø4.8mm (Two on MXB1206-1220, Four on MXB1230)

### Dimensions

Model	L x H x W (mm)			Weight (g)
	A	B	C	
MXB1206-33	111	26	47	220
MXB1210-33	121	30	47	310
MXB1220-33	151	35	52	530
MXB1230-33	151	35	67	660

**Circuit****Derating****Typ. Insertion Loss, Symmetrical**

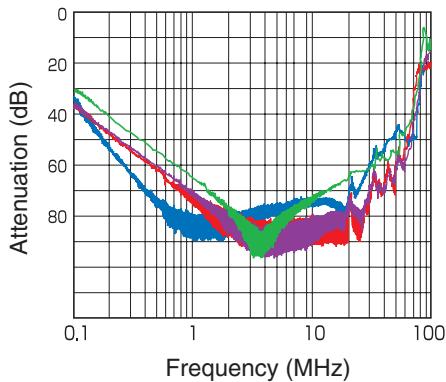
MXB1206-33   MXB1210-33



MXB1220-33   MXB1230-33

**Typ. Insertion Loss, Asymmetrical**

MXB1206-33   MXB1210-33



MXB1220-33   MXB1230-33

For Additional Information, please visit [us.tdk-lambda.com/lp/products/mxb-series.htm](http://us.tdk-lambda.com/lp/products/mxb-series.htm)