

0.5A to 5A, 250VAC EMI Filters

Features

- ◆ Shielded Metal Case
- ◆ Attenuates High Voltage Pulses



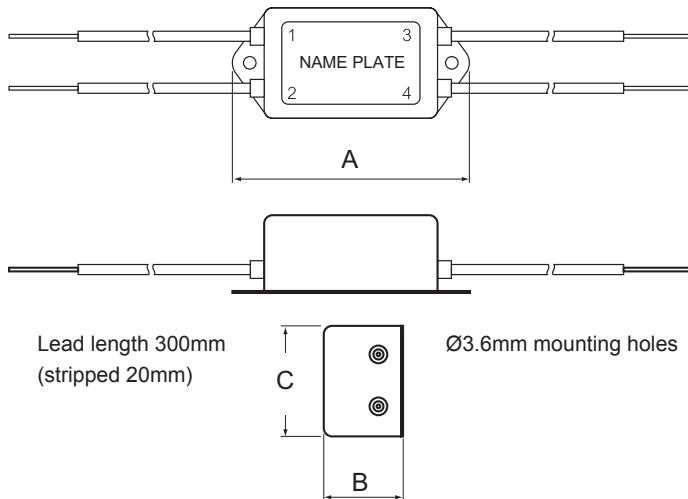
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Specifications		MAW12R522	MAW120122	MAW120222	MAW120322	MAW120522
Rated Voltage (AC,DC)	V	250V				
Rated Current (AC,DC)	A	0.5	1.0	2.0	3.0	5.0
Test Voltage (terminal to case, AC 1 min.)	V	2500V				
Isolation Resistance (terminal to case, 500VDC)	Ω	100M Ω min.				
Leakage Current	-	125V, 60Hz, 0.5mA max.; 250V, 60Hz, 1.0mA max				
DC Resistance	Ω	5 max.	1.5 max.	0.6 max.	0.3 max.	0.2 max.
Temperature Rise	$^{\circ}$ C	30 $^{\circ}$ C max.				
Operating Temperature (1)	$^{\circ}$ C	-25 to +85 $^{\circ}$ C				
Operating Humidity	%	30% to 95% RH (non-condensing)				
Storage Temperature	$^{\circ}$ C	-40 to +85 $^{\circ}$ 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	-	UL1283, CSA C22.2 No.8 (C-UL), EN133200 (VDE)				

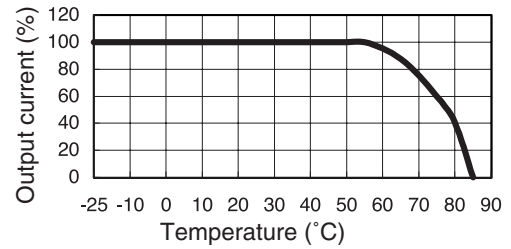
Notes:

(1) Value at $T_a \leq 55^{\circ}$ C. Refer to the derating curve at $T_a > 55^{\circ}$ C.

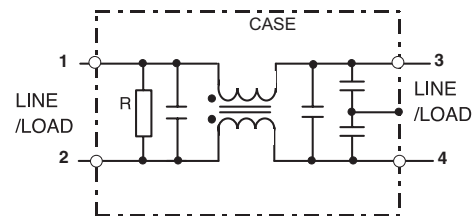
Outline Drawing



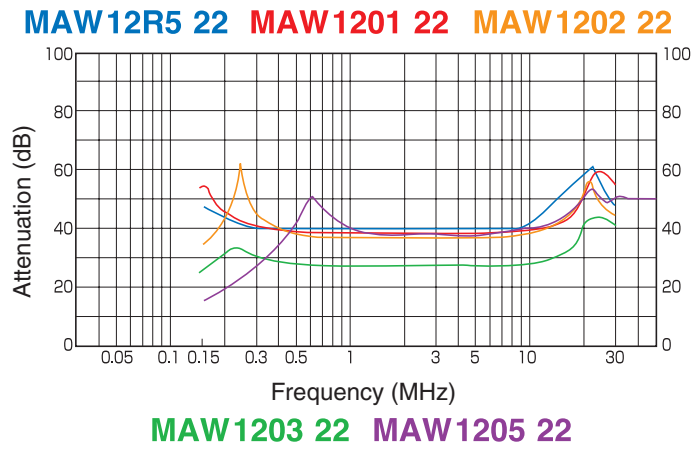
Derating



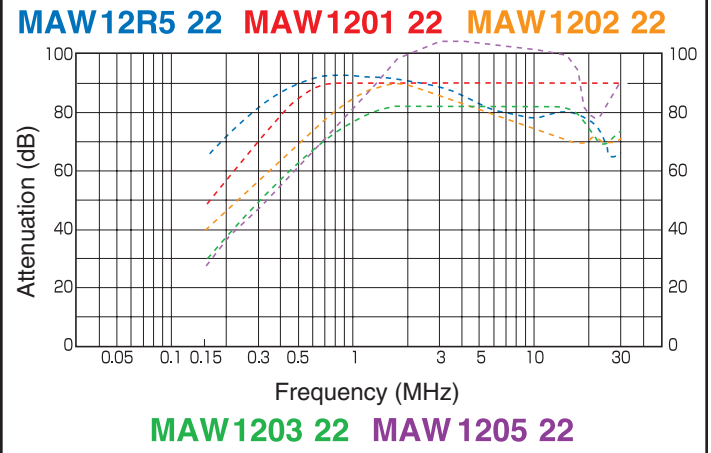
Circuit



Typ. Insertion Loss, Symmetrical



Typ. Insertion Loss, Asymmetrical



Dimensions Table

Model	L x H x W (mm)			Weight (g)
	A	B	C	
MAW12R522	68	23	32	95
MAW120122	68	23	32	95
MAW120222	68	23	32	95
MAW120322	74	30	38	160
MAW120522	74	30	38	160

For Additional Information, please visit us.tdk-lambda.com/lp/products/maw-series.htm



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