



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## 0.5A to 5A, 250VAC EMI Filters

### Features

- ◆ Shielded Metal Case
- ◆ Attenuates High Voltage Pulses



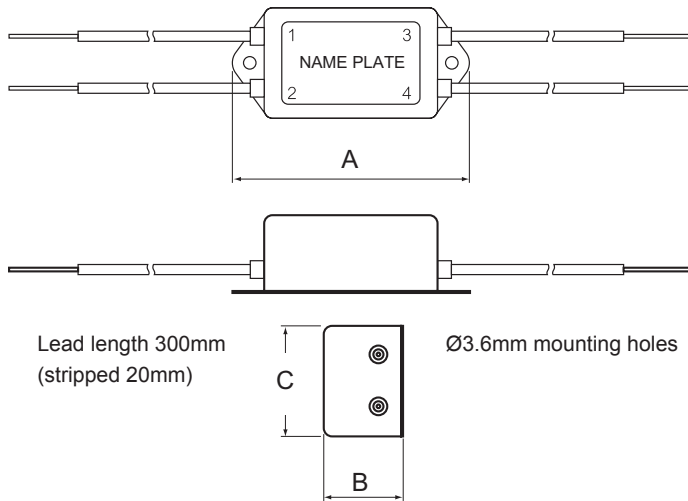
**Last time buy - June 1, 2014**

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)	$\Omega$	100M $\Omega$ min.				
Leakage Current	-	125V, 60Hz, 0.5mA max.; 250V, 60Hz, 1.0mA max				
DC Resistance	$\Omega$	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)				

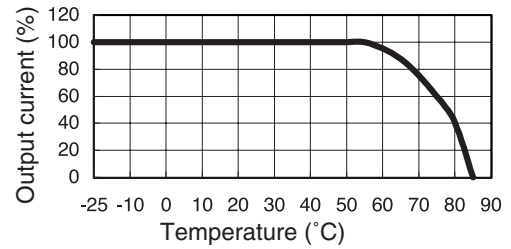
Notes:

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

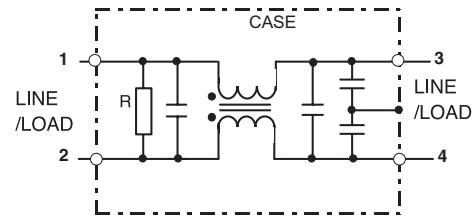
## Outline Drawing



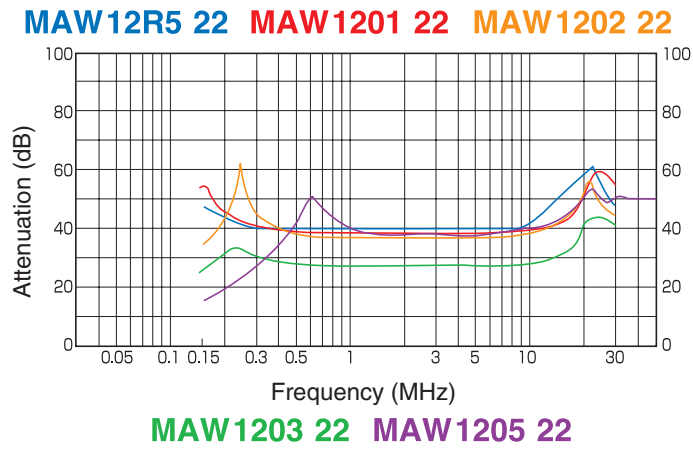
## Derating



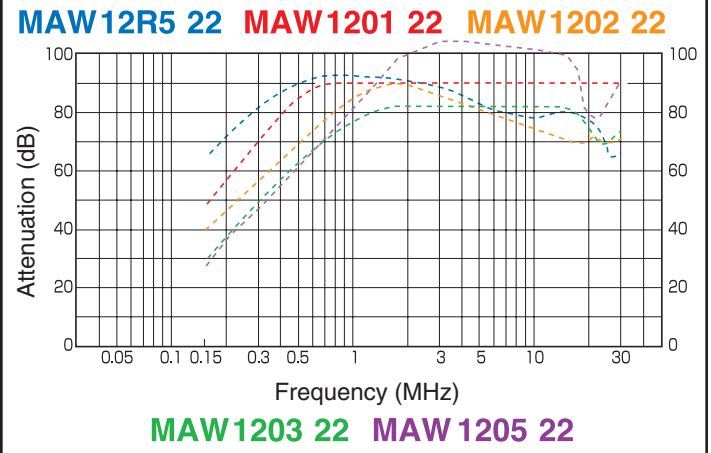
## Circuit



## 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](http://us.tdk-lambda.com/lp/products/maw-series.htm)



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