

0.5A to 5A, 250VAC EMI Filters

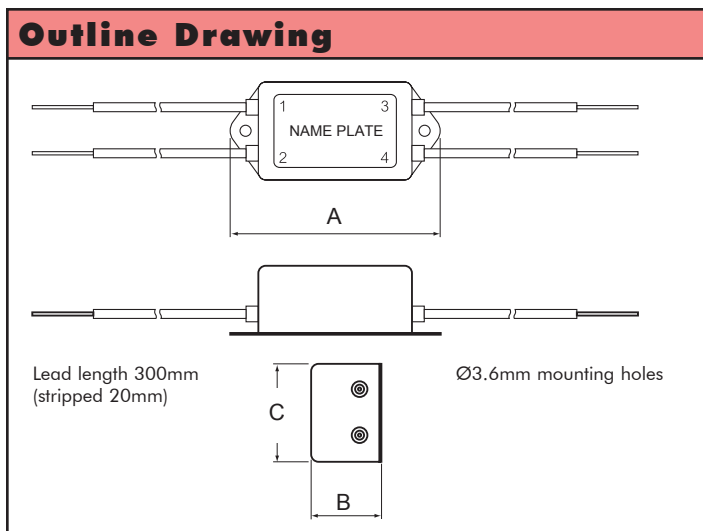
RoHS



- Features**
- ◆ Shielded Metal Case
  - ◆ Attenuates High Voltage Pulses

Specifications		MODELS	MAW12R522	MAW120122	MAW120222	MAW120322	MAW120522
ITEMS							
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				100MΩ 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	°C			30°C max.			
Operating Temperature (1)	°C			-25 to +85°C			
Operating Humidity	%			30% to 95% RH (non-condensing)			
Storage Temperature	°C			-40 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	-		UL1283, CSA C22.2 No.8 (C-UL), EN133200 (VDE)				

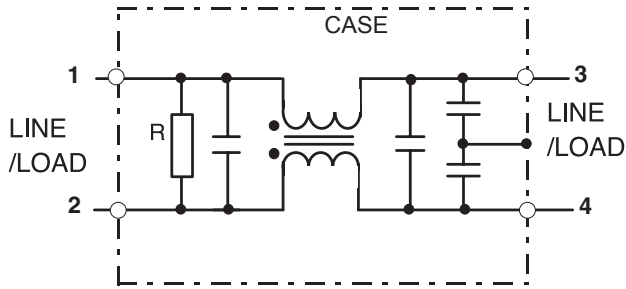
Notes:  
 (1) Value at Ta ≤ 55°C. Refer to the derating curve at Ta > 55°C.



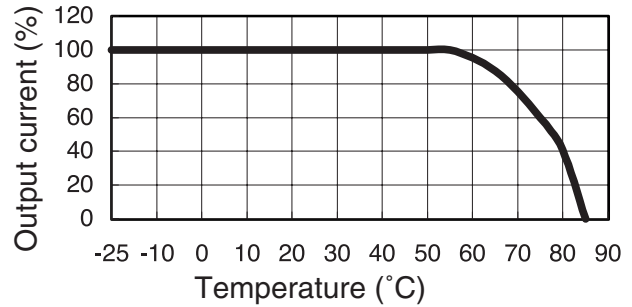
**Dimensions**

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

### Circuit

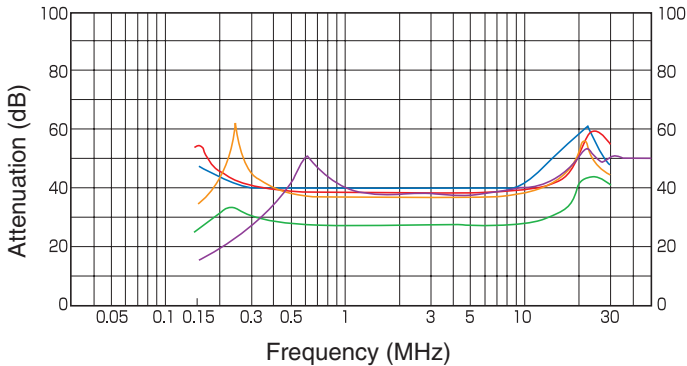


### Derating



### Typ. Insertion Loss, Symmetrical

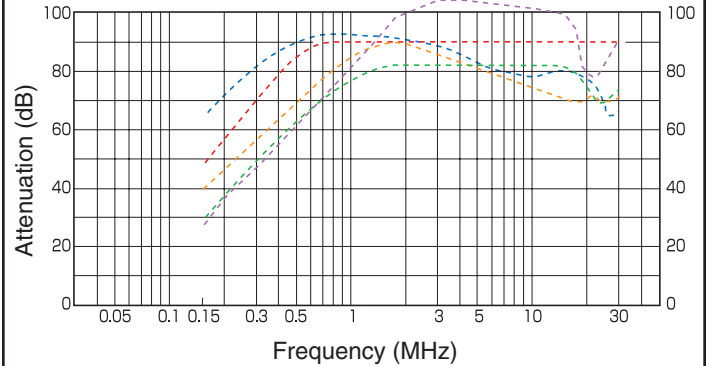
MAW12R5 22 MAW1201 22 MAW1202 22



MAW1203 22 MAW1205 22

### Typ. Insertion Loss, Asymmetrical

MAW12R5 22 MAW1201 22 MAW1202 22



MAW1203 22 MAW1205 22

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