

6A to 30A, 250VAC EMI Filters

Features

- ◆ Low Leakage Current Versions
- ◆ Chassis or DIN Rail mount
- ◆ Safety Agency Approved
- ◆ High Pulse or Noise Attenuation Versions
- ◆ Easy Connection and Installation
- ◆ RoHS Compliant

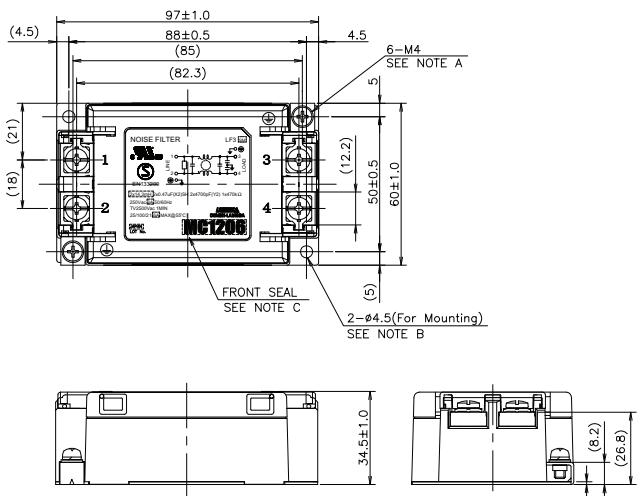


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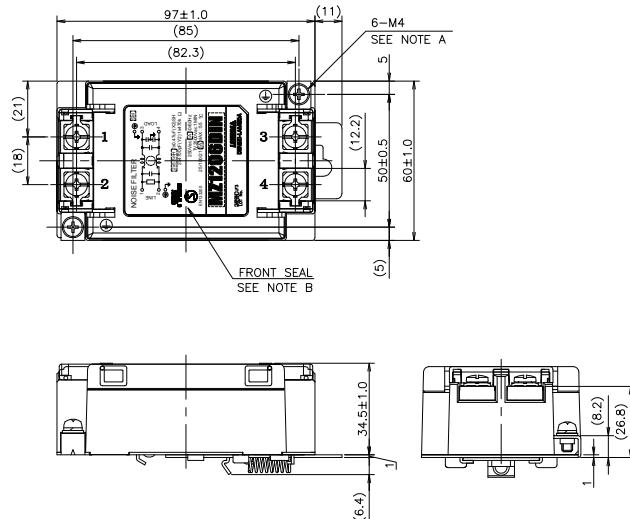
Specifications

Model	MC1206 MZ1206	MC1210 MZ1210	MC1216 MZ1216	MC1220 MZ1220	MC1230 MZ1230
Rated Current	A	6A	10A	16A	20A
Rated Voltage	VAC			250	
Test Voltage (For 1 min.)	V		Terminals to Case: 2500VAC		
Isolation Resistance	MΩ		100MΩ minimum (terminals to case, 500VDC)		
DC Resistance (both lines)	mΩ	130	50	24	15
Temperature Rise	°C			30	
Operating Temperature	°C		-25 to +85°C (see derating curve)		
Storage Temperature	°C		-40 to +85		
Operating Humidity	-		30 to 95% RH (non condensing)		
Storage Humidity	-		10 to 95% RH (non condensing)		
Vibration	-		10-55-10Hz sweep for 1 minute Amplitude 1.5mm constant (max 88.3m/s ² , X, Y, Z (2 hours each))		
Safety Standards	-	Approved by UL1283, CSA Std C22.2 No.8 (CUL), EN133200 (SEMKO)			
Weight (Typ)	g		300		
Warranty	yr		1 Year		

MC/MZ12 Outline Drawing



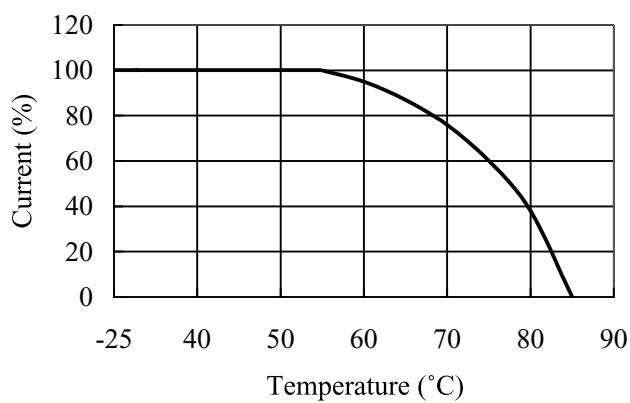
MC/MZ12 DIN Outline Drawing



Model Selector

Model	Current Rating	Leakage Current (250VAC 60Hz)	Characteristic	Mounting
MC1206	6A	1mA	High Attenuation in low frequency	Chassis
MC1206DIN	6A	1mA	High Attenuation in low frequency	DIN Rail
MC1206L	6A	0.01mA	High Attenuation in low frequency	Chassis
MZ1206	6A	1mA	High Pulse Attenuation	Chassis
MZ1206DIN	6A	1mA	High Pulse Attenuation	DIN Rail
MZ1206L	6A	0.01mA	High Pulse Attenuation	Chassis
MC1210	10A	1mA	High Attenuation in low frequency	Chassis
MC1210DIN	10A	1mA	High Attenuation in low frequency	DIN Rail
MC1210L	10A	0.01mA	High Attenuation in low frequency	Chassis
MZ1210	10A	1mA	High Pulse Attenuation	Chassis
MZ1210DIN	10A	1mA	High Pulse Attenuation	DIN Rail
MZ1210L	10A	0.01mA	High Pulse Attenuation	Chassis
MC1216	16A	1mA	High Attenuation in low frequency	Chassis
MC1216DIN	16A	1mA	High Attenuation in low frequency	DIN Rail
MC1216L	16A	0.01mA	High Attenuation in low frequency	Chassis
MZ1216	16A	1mA	High Pulse Attenuation	Chassis
MZ1216DIN	16A	1mA	High Pulse Attenuation	DIN Rail
MZ1216L	16A	0.01mA	High Pulse Attenuation	Chassis
MC1220	20A	1mA	High Attenuation in low frequency	Chassis
MC1220DIN	20A	1mA	High Attenuation in low frequency	DIN Rail
MC1220L	20A	0.01mA	High Attenuation in low frequency	Chassis
MZ1220	20A	1mA	High Pulse Attenuation	Chassis
MZ1220DIN	20A	1mA	High Pulse Attenuation	DIN Rail
MZ1220L	20A	0.01mA	High Pulse Attenuation	Chassis
MC1230	30A	1mA	High Attenuation in low frequency	Chassis
MC1230DIN	30A	1mA	High Attenuation in low frequency	DIN Rail
MC1230L	30A	0.01mA	High Attenuation in low frequency	Chassis
MZ1230	30A	1mA	High Pulse Attenuation	Chassis
MZ1230DIN	30A	1mA	High Pulse Attenuation	DIN Rail
MZ1230L	30A	0.01mA	High Pulse Attenuation	Chassis

Derating



For Additional Information, please visit
us.tdk-lambda.com/lp/products/mc-mz12-series.htm



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