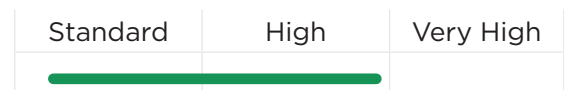



Features:

- Medical Version available
- High Conducted attenuation performance
- Chassis mounting

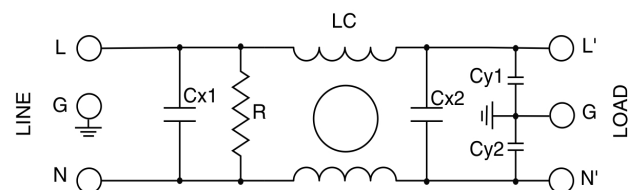
Applications:

- Power Systems
- Electronic Equipment
- Frequency convertors
- Variable Frequency drives
- UPS/Inverters

Performance Indicator

Rated current [A]



DATA SHEET
SINGLE PHASE EMI FILTER - MF420-VF
Description

These series range of High Performance filters are designed to suppress undesirable electrical disturbances In variable frequency drives applications.

Typical circuit Diagram

Technical Specifications:

Maximum Continuous Operating Voltage	: 250VAC/ 250VDC
Operating Frequency	: DC to 400Hz
Current ratings	: 1A to 40A @40°C
High Potential test voltage	: L to G 2250Vdc for 1 Minute L to L 1450Vdc for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL 60939-3
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21

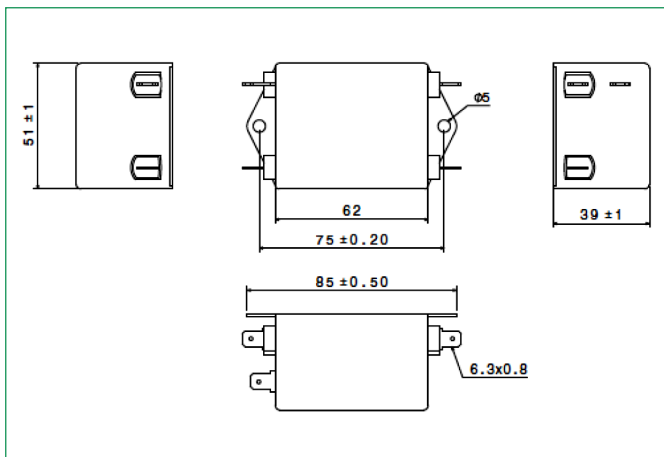
Ordering Information

Model Number	Part Number	Rated Current @40°C	Leakage Current(mA) @250VAC/50Hz	Termination		Weight (Grams)
						
MF 420-VF - 01	E100136-1	1A	7.4	6.3 x 0.8		200
MF 420-VF - 03	E100136-3	3A	7.4	6.3 x 0.8		200
MF 420-VF - 06	E100136-2	6A	7.4	6.3 x 0.8		200
MF 420-VF - 10	E100299-1	10A	7.4	6.3 x 0.8		200
MF 420-VF - 15	E100987-1	15A	7.4		M5	650
MF 420-VF - 20	E100593-1	20A	7.4		M5	650
MF 420-VF - 40	E102481-1	40A	7.4		M5	1000

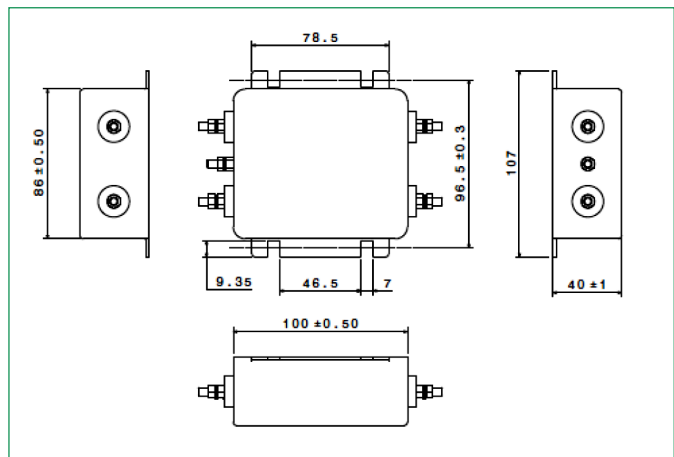
Note: Customized filters are provided on request.

Mechanical Drawing:

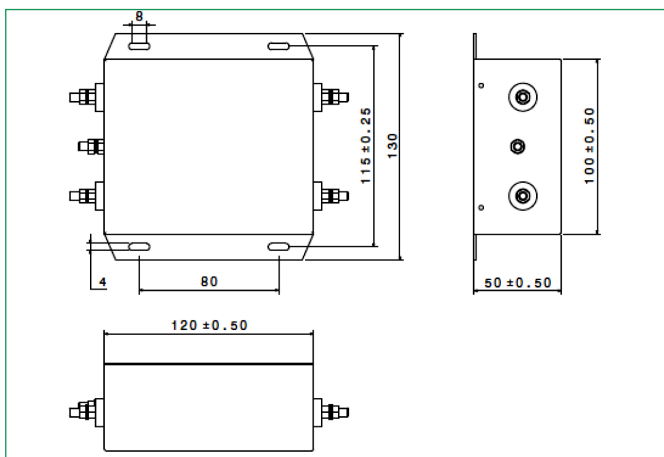
1A-10A



15A-20A



40A



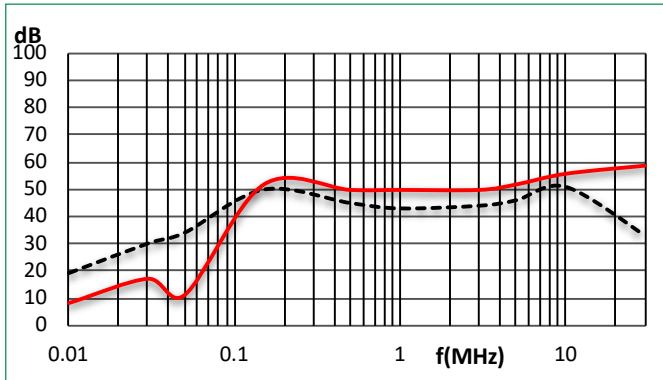
Note: All dimensions in mm; Tolerances according to ISO2768-C

Thread	M5	M6
Recommended Torque (Nm)	2.0-2.2	3.5-4.0
Earth terminal (Nm)	2.0-2.2	3.5-4.0

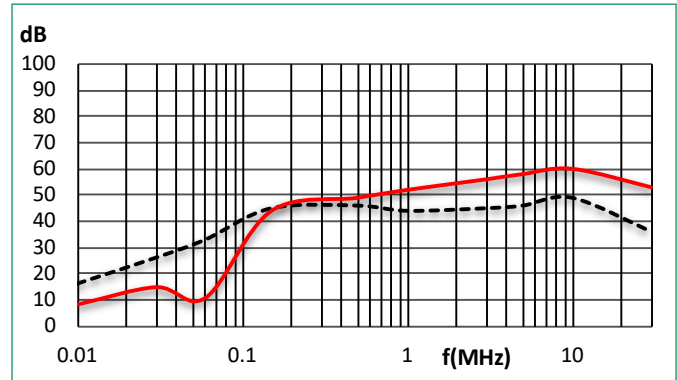
Insertion Loss : Common mode _____ Differential Mode

Per CISPR 17; DM=50/50 sym; CM=50/50 asym

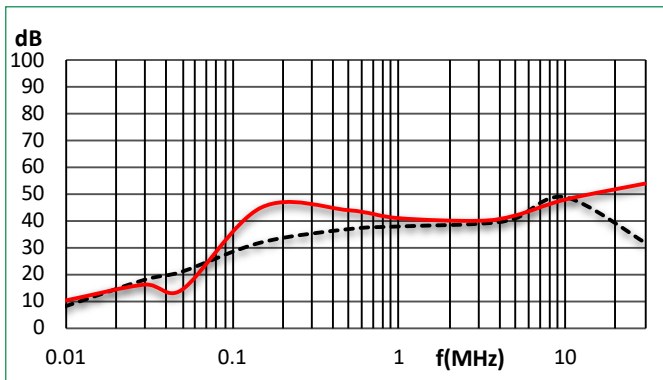
1A/3A



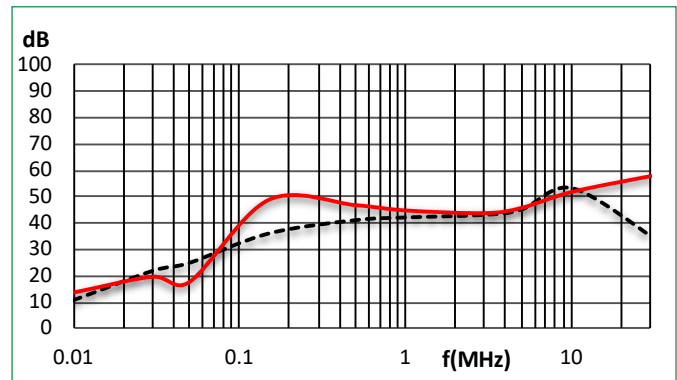
6A



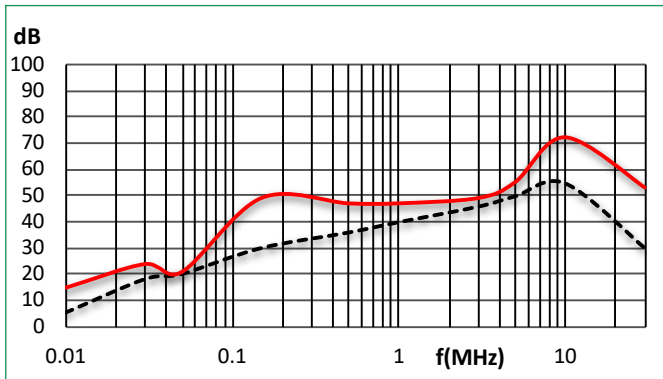
10A



15A



20A



40A

