

Description

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

Features

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

Applications

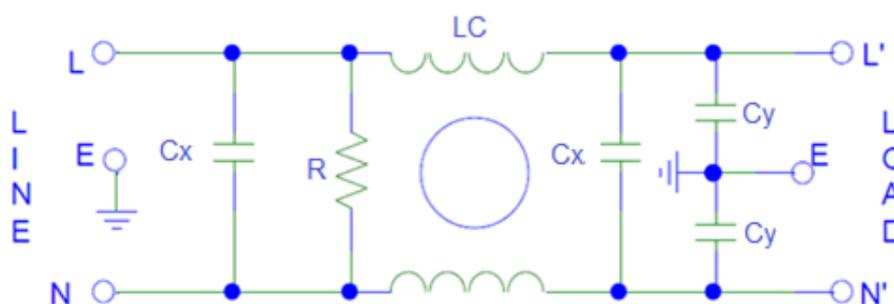
- Power Systems
- Electronic Equipment
- Frequency convertors
- Variable Frequency drives
- UPS/Inverters



Compliance



Typical circuit Diagram



Technical Specifications

Maximum Continuous Operating Voltage	: 250VAC
Operating Frequency	: 50/60Hz
Current ratings	: 1A to 40A @40°C
High Potential test voltage	: L to G 2120Vdc for 1 Minute L to L 1414Vdc for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL1283, CSA 22.2 No.8-13 and IEC 60939
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21

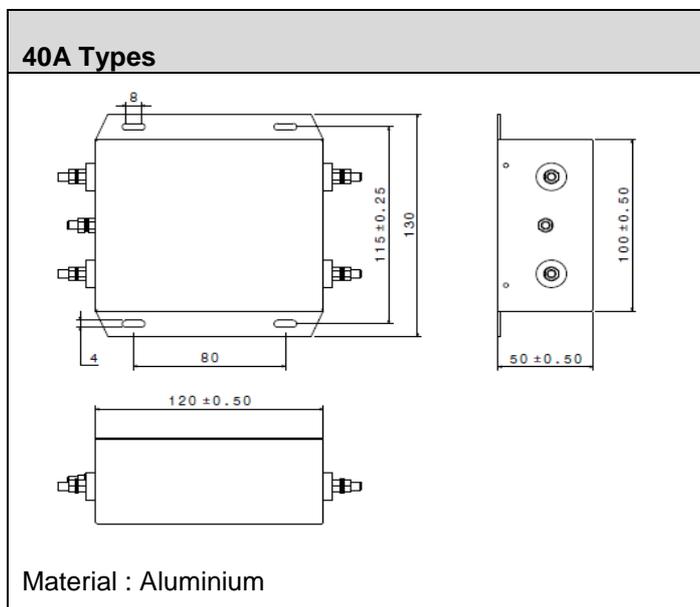
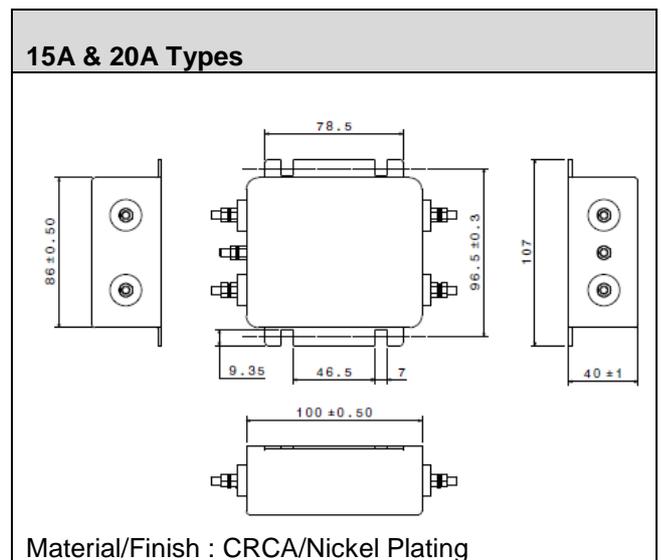
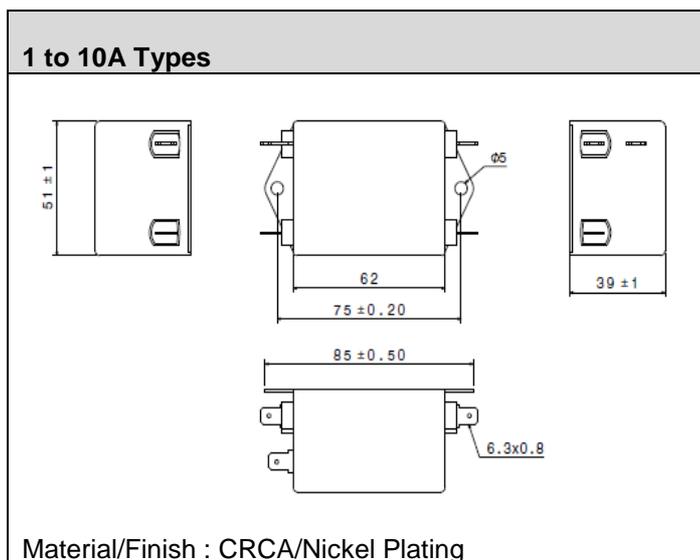
Image shown above is just for reference

Selection Table

Part Number	Ordering Code	Rated Current @40°C	Leakage Current @250VAC/50Hz (mA)	Termination		Weight (Grams)
						
MF420VF - 01	S420VF0001S	1A	7.4	6.3x0.8		75
MF420VF - 03	S420VF0003S	3A	7.4	6.3x0.8		75
MF420VF - 06	S420VF0006S	6A	7.4	6.3x0.8		75
MF420VF - 10	S420VF0010S	10A	7.4	6.3x0.8		75
MF420VF - 15	S420VF0015N	15A	7.4		M5	500
MF420VF - 20	S420VF0020N	20A	7.4		M5	500
MF420VF - 40	S420VF0040N	40A	7.4		M5	700

Note: Customized filters are provided on request.

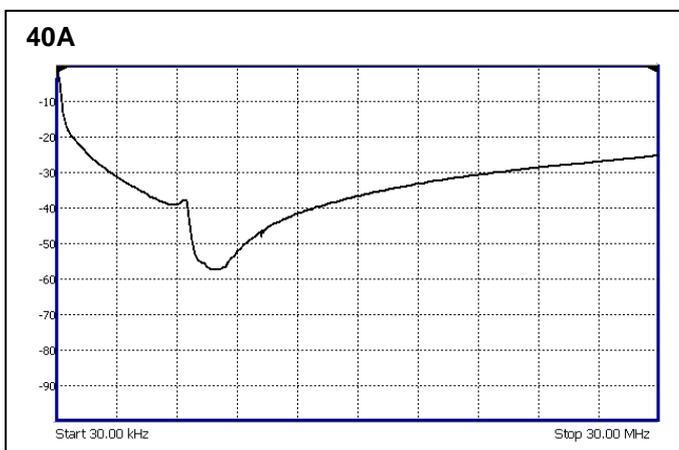
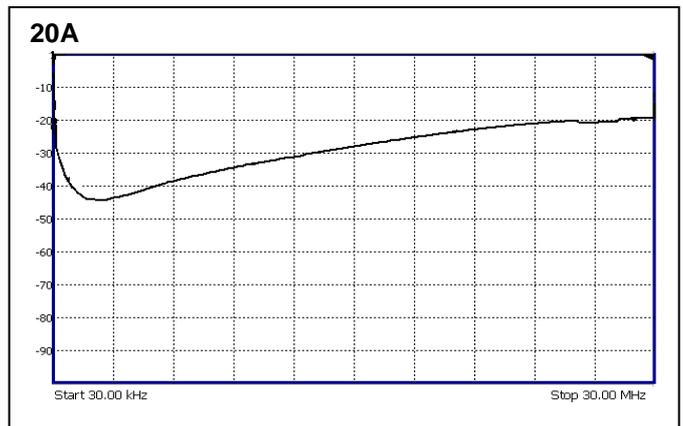
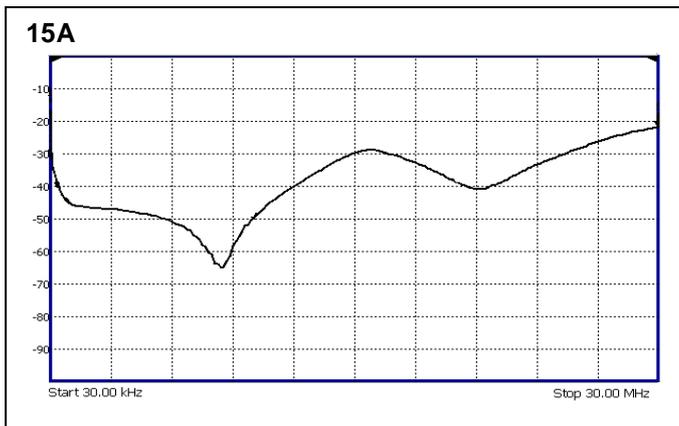
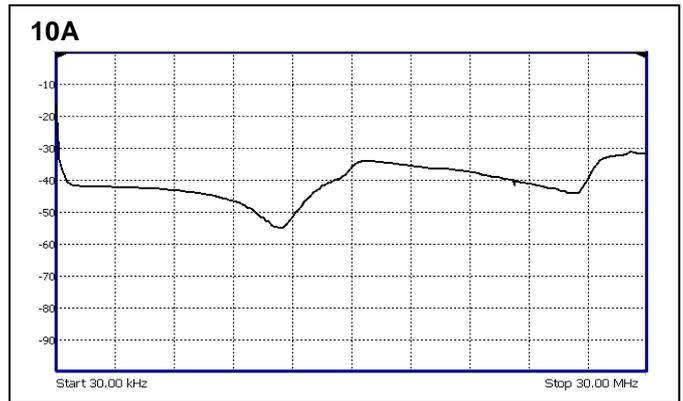
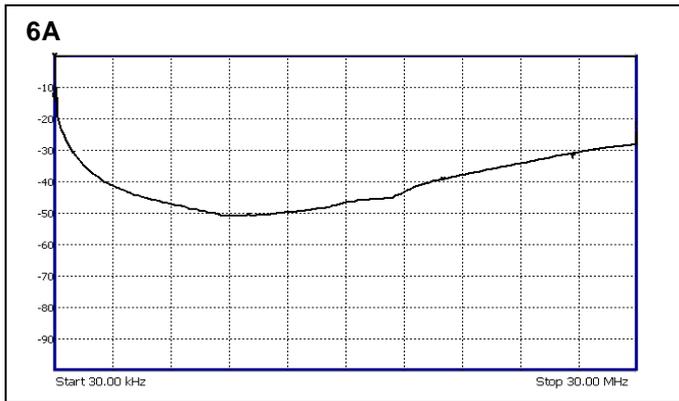
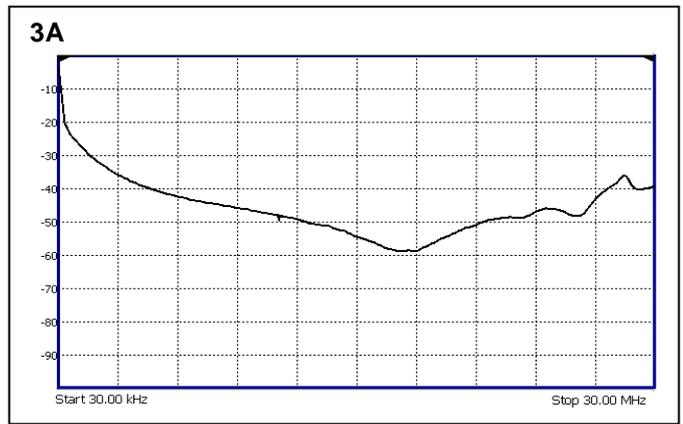
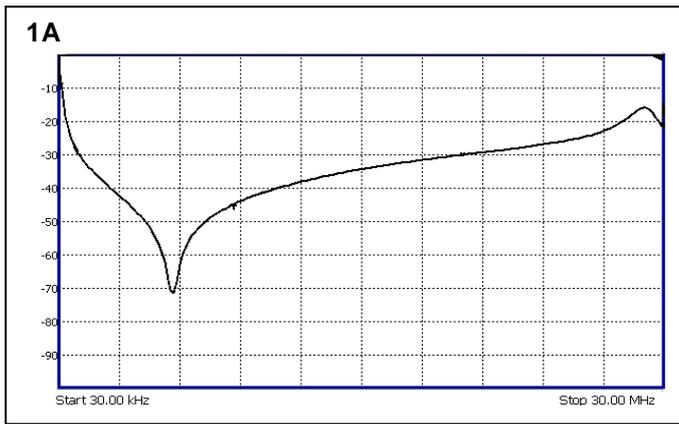
Mechanical Drawing



Thread Size	M5
Recommended Torque (Nm)	2-3.0

All dimensions in mm;
Tolerances according to ISO 2768-m

Insertion Loss – (Common Mode)



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