

Description

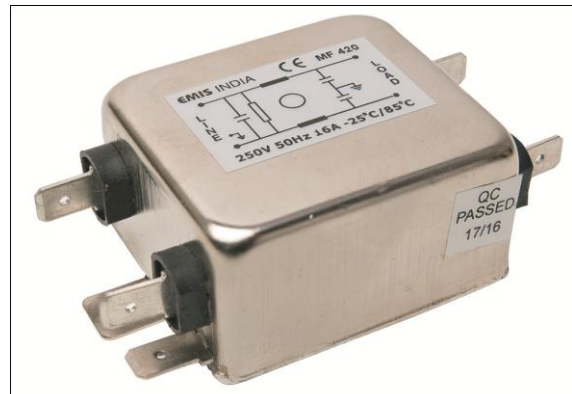
These series range of two phase filters are designed to suppress undesirable electrical disturbances in phase to phase configuration.

Features

- Rated Current up to 100A
- Medical Version available
- High Conducted attenuation performance
- Chassis mounting

Applications

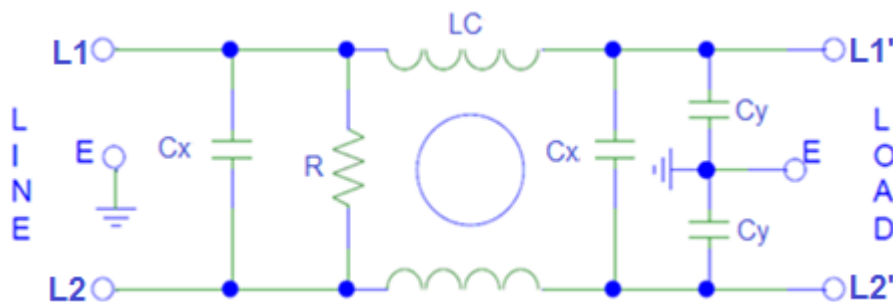
- Power Systems
- Electronic Equipment
- Frequency convertors
- Stepper motor drives
- UPS/Inverters



Compliance



Typical circuit Diagram





Technical Specifications

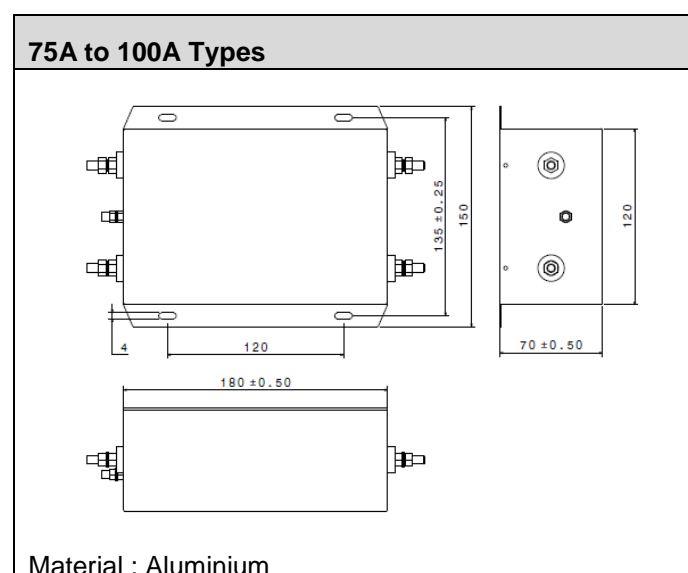
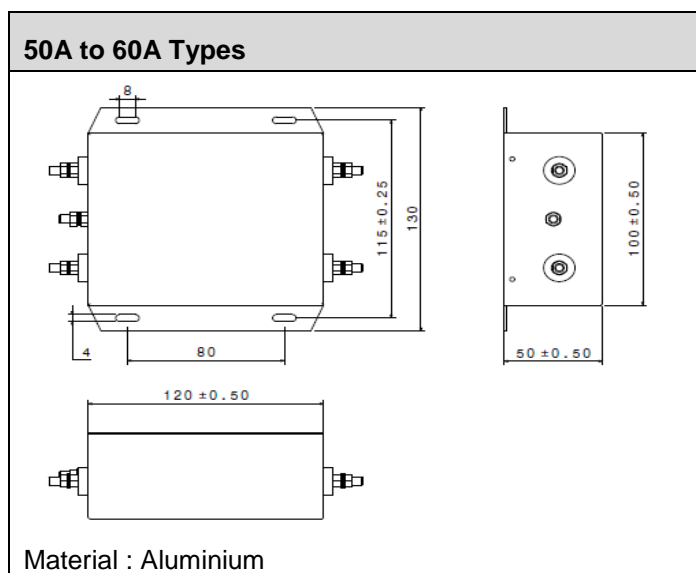
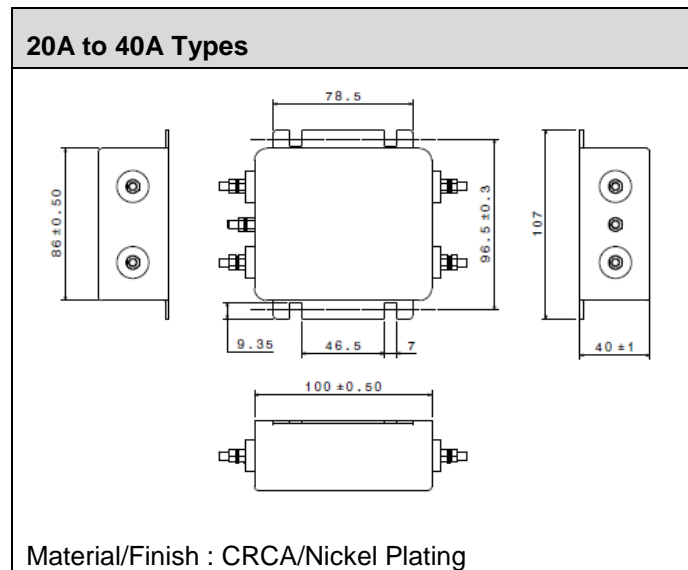
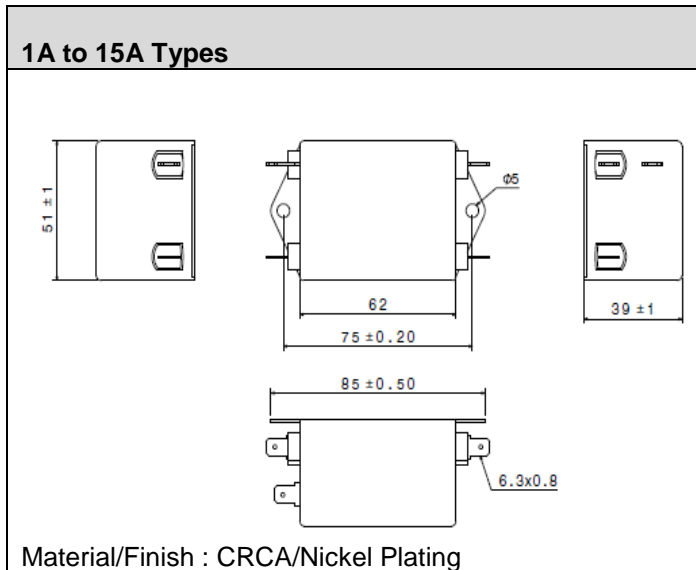
Maximum Continuous Operating Voltage	: 440VAC
Operating Frequency	: 50/60Hz
Current ratings	: 1A to 100A@40°C
High Potential test voltage	: L to G 2660Vdc for 1 Minute L to L 1950Vdc for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL1283, CSA 22.2 No.8-13 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 (Kgs)
						
MF422 – 01	S422000001S	1A	0.74	6.3 x 0.8		0.075
MF422 – 02	S422000002S	2A	0.74	6.3 x 0.8		0.075
MF422 – 03	S422000003S	3A	0.74	6.3 x 0.8		0.075
MF422 - 06	S422000006S	6A	0.74	6.3 x 0.8		0.075
MF422 - 08	S422000006S	6A	0.74	6.3 x 0.8		0.075
MF422 - 10	S422000010S	10A	0.74	6.3 x 0.8		0.075
MF422 - 15	S422000015S	15A	0.74	6.3 x 0.8		0.075
MF422 - 20	S422000020N	20A	0.74		M5	0.6
MF422 - 25	S422000025N	25A	0.8		M5	0.6
MF422 - 30	S422000030N	30A	0.8		M5	0.6
MF422 - 40	S422000040N	40A	0.8		M5	0.6
MF422 - 50	S422000050N	50A	0.8		M6	1
MF422 - 60	S422000060N	60A	0.8		M6	1
MF422 - 75	S422000075N	75A	0.8		M8	2
MF422 - 80	S422000080N	80A	0.8		M8	2
MF422 - 100	S422000100N	100A	0.8		M10	2

Customized filters are provided on request.

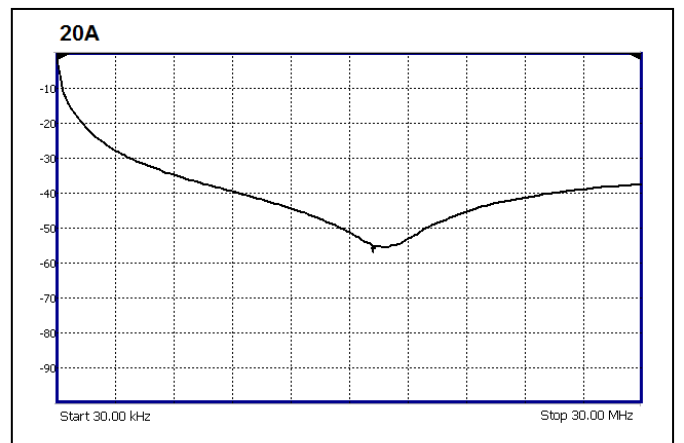
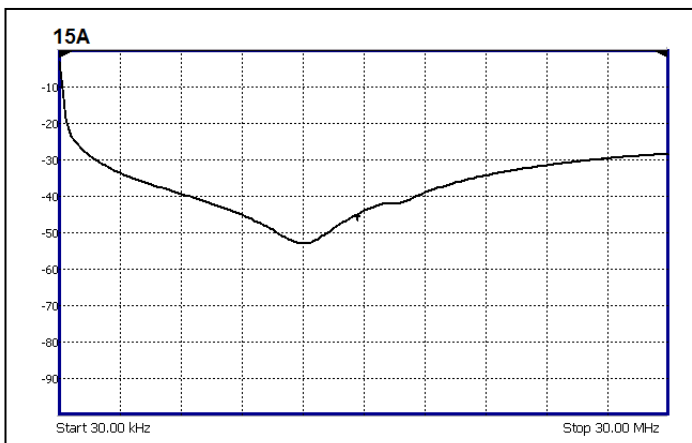
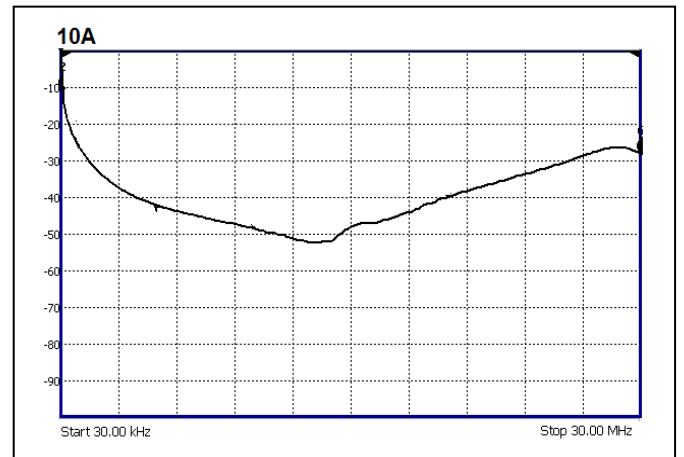
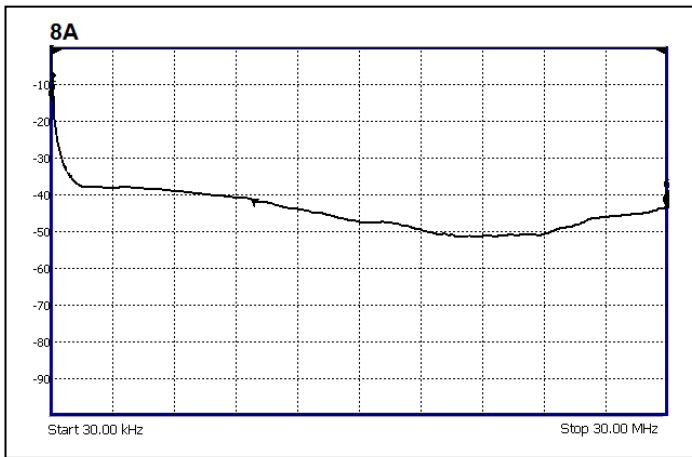
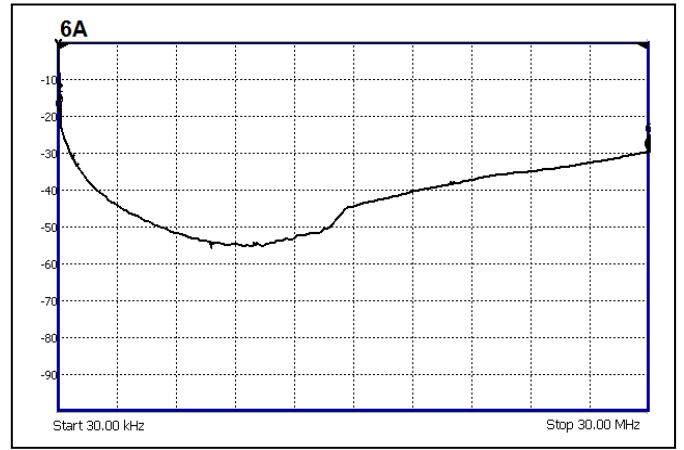
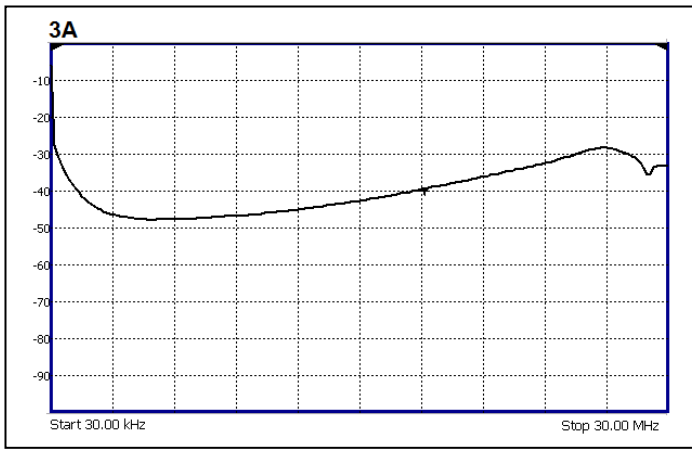
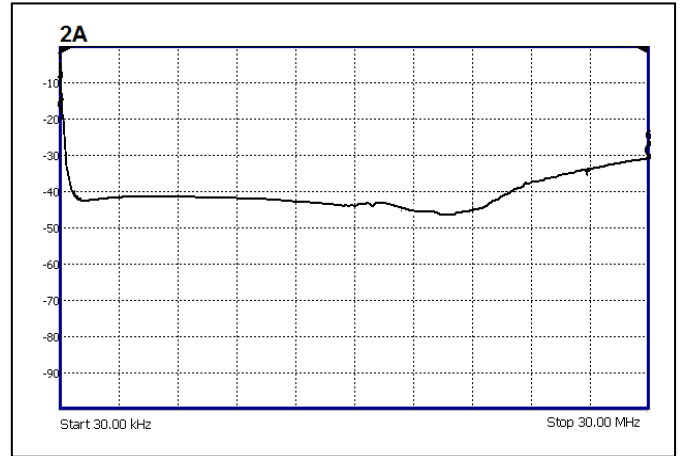
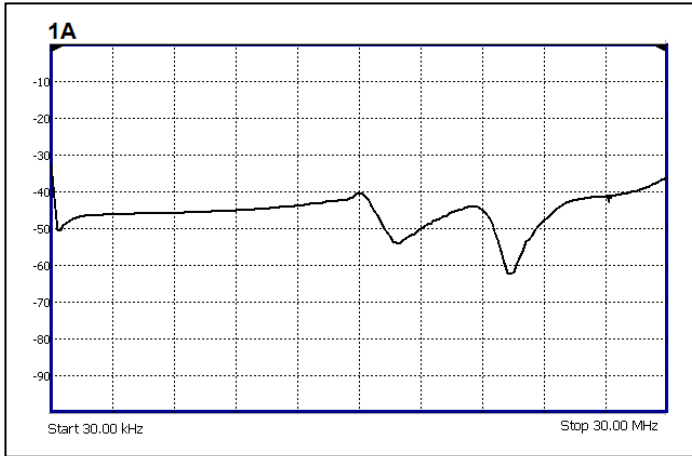


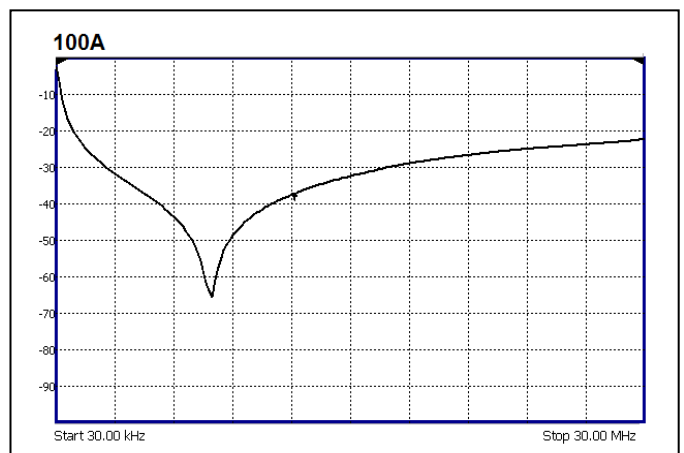
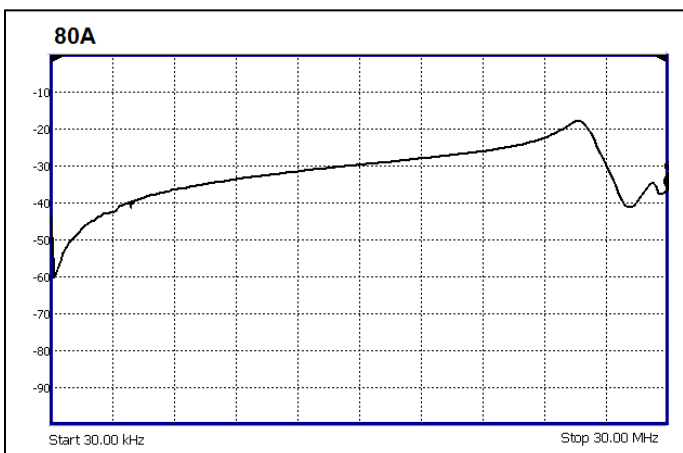
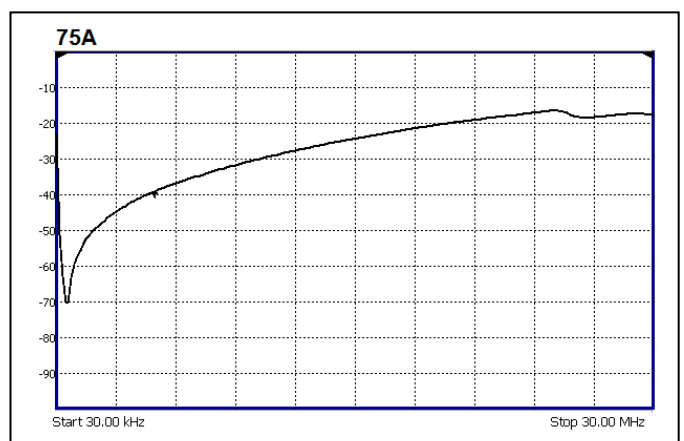
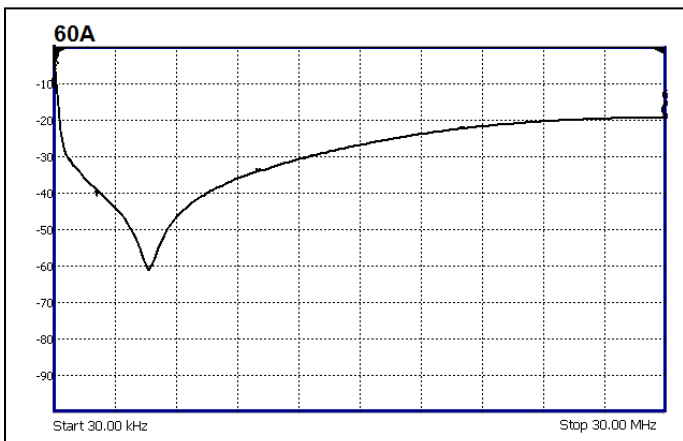
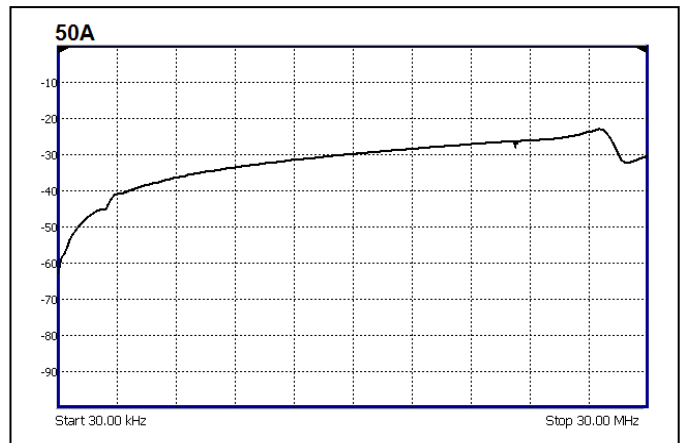
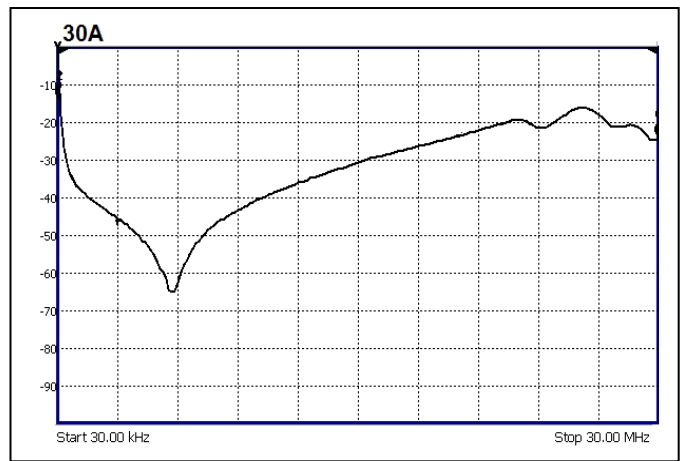
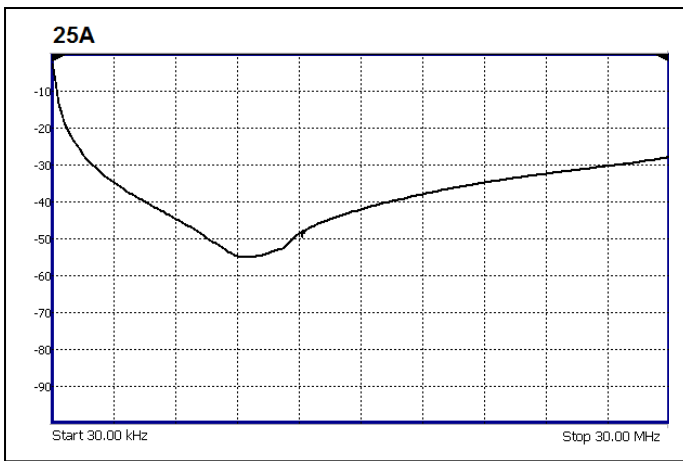
Note:

Thread Size	M5	M6	M8	M10
Recommended Torque (Nm)	2-3	3.5-4	10-14	15-17

All dimensions in mm; Tolerances according to ISO2768-m

Insertion Loss





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