

Features:

- Double stage filter
- Medical Version available
- Excellent attenuation Performance
- Chassis mounting


Applications:

- Power Systems
- Electronic Equipment
- Frequency convertors
- Stepper motor drives
- UPS/Inverters
- Medical Equipment
- Various Noisy Applications requiring high attenuation Performance

DATA SHEET
SINGLE PHASE EMI FILTER - MF410-HP
Description

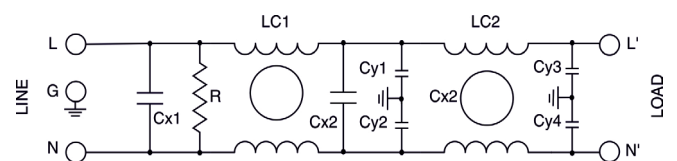
These series range of double stage filters give superior performance when used in applications with low Impedance loads controlling pulsed, continuous and intermittent interference noise and where high levels Of mains borne interference are present.

Technical Specifications:



Maximum Continuous Operating Voltage	: 250VAC/ 250VDC
Operating Frequency	: DC to 400Hz
Current ratings	: 1A to 30A @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

Performance Indicator

Rated current [A]

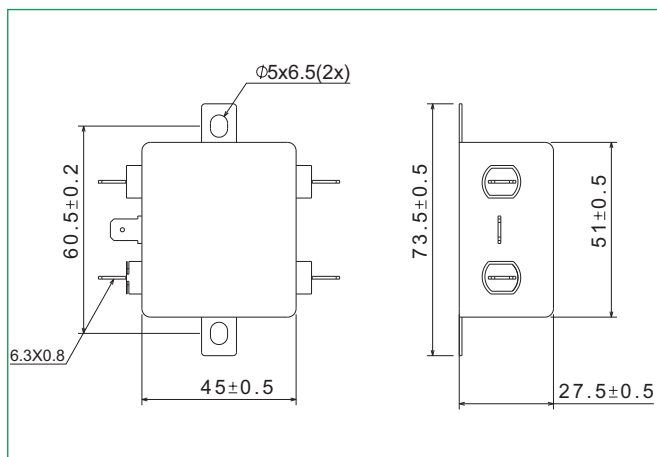
Typical circuit Diagram


Ordering Information

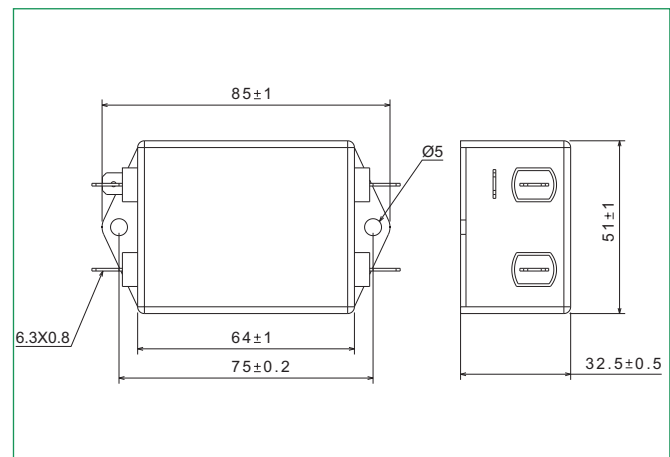
Model Number	Part Number	Rated Current @40°C	Leakage Current (mA) @250VAC	Termination		Weight (Grams)
						
MF 410-HP	E102482-1	1A	3.5	6.3 x 0.8		120
MF 410-HP	E102482-2	3A	16	6.3 x 0.8		120
MF 410-HP	E102482-3	4A	16	6.3 x 0.8		170
MF 410-HP	E102482-4	6A	16	6.3 x 0.8		170
MF 410-HP	E102482-5	8A	16	6.3 x 0.8		260
MF 410-HP	E102482-6	10A	5.5	6.3 x 0.8		260
MF 410-HP	E102482-7	12A	5.5	6.3 x 0.8		260
MF 410-HP	E102482-8	16A	5.5	6.3 x 0.8		260
MF 410-HP	E102482-9	20A	5.5		M4	280
MF 410-HP	E102482-10	30A	5.5		M4	280

Mechanical Drawing:

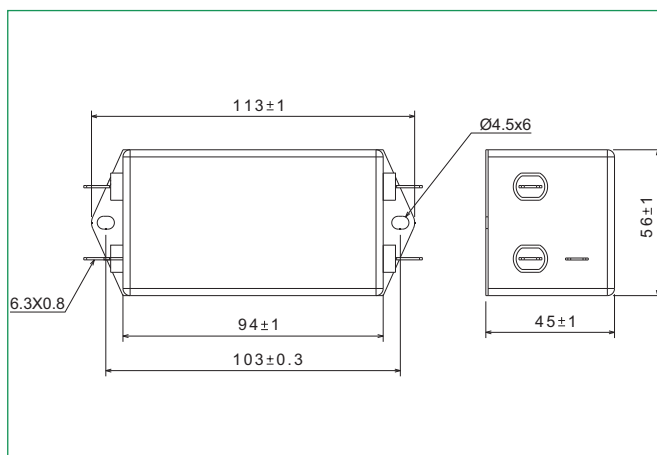
1A



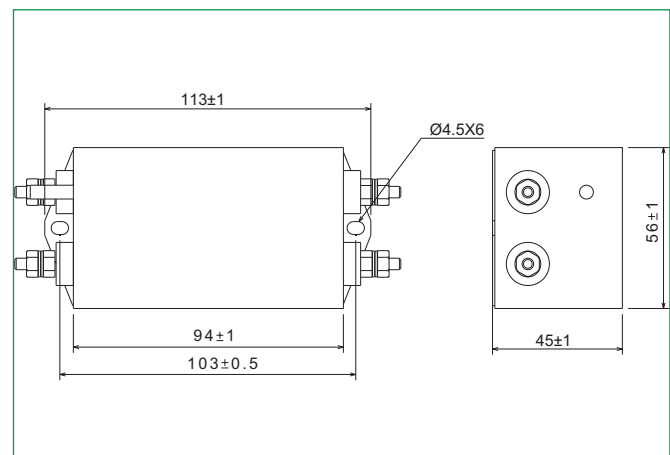
3A to 6A



8A to 16A



20A to 30A



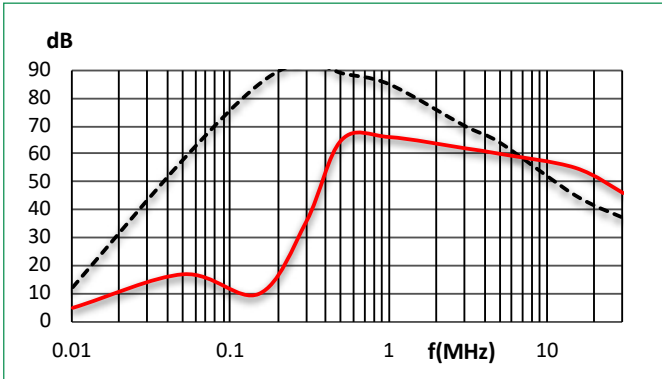
Recommended Torque (Nm) for M4 Termination : 1.5-1.7

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

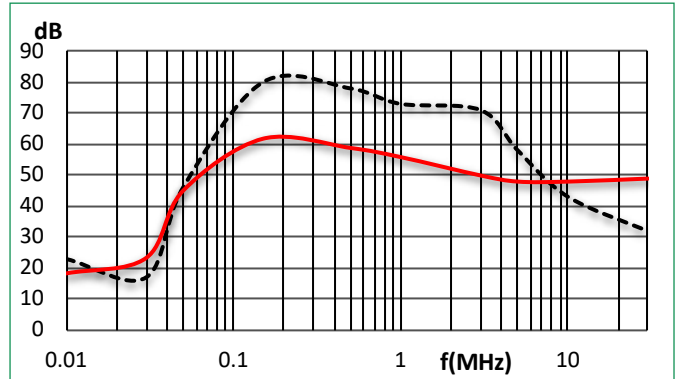
Insertion Loss : Common mode _____ Differential Mode

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

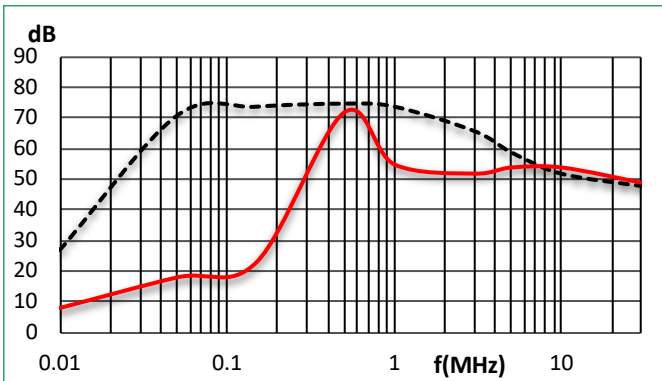
1A



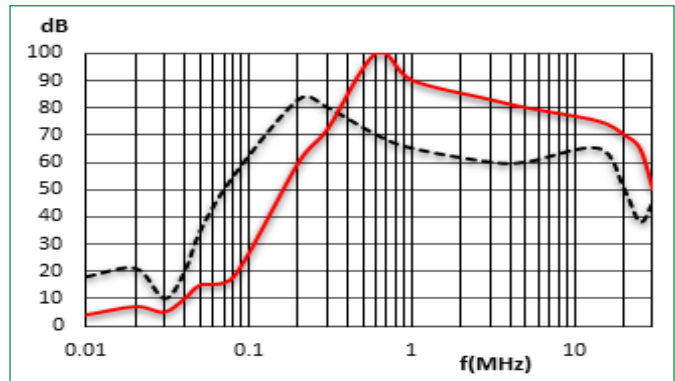
3A



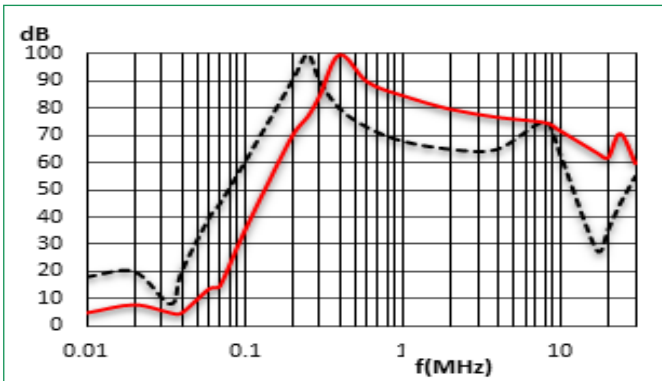
4A



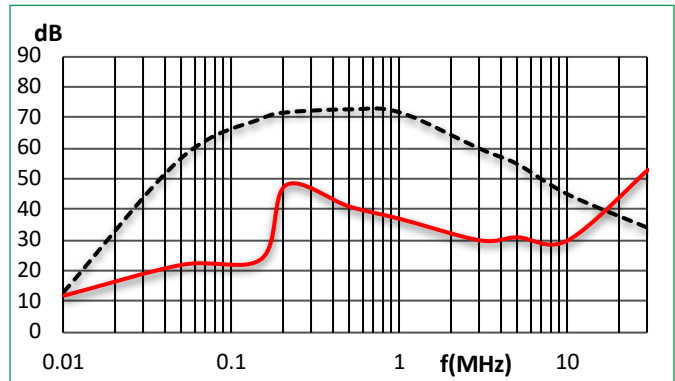
6A



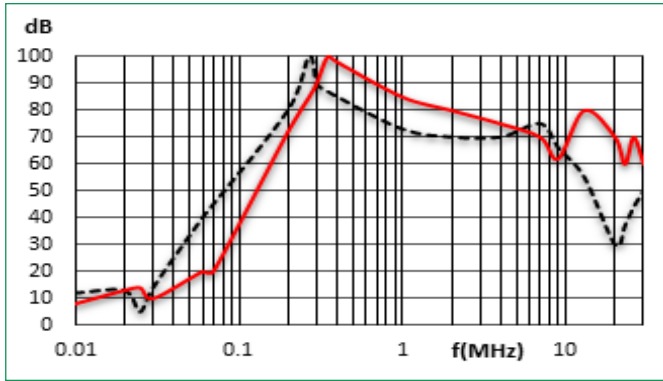
8A



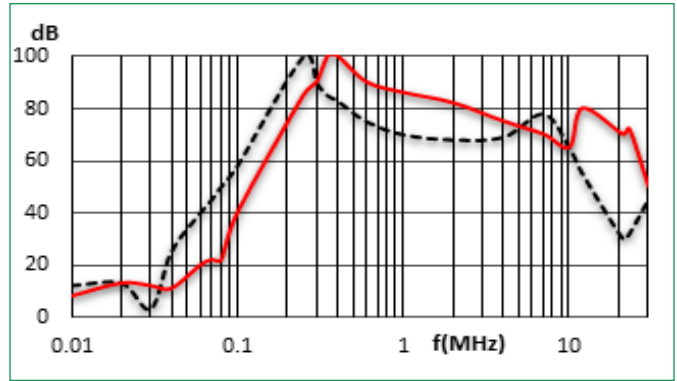
10A



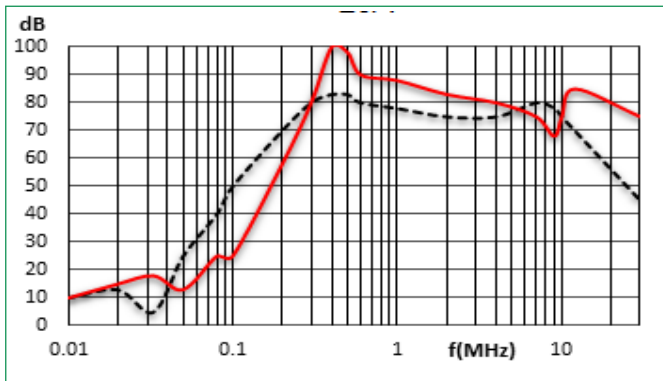
12A



16A



20A



30A

