


Features:

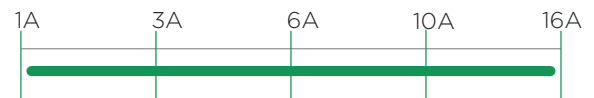
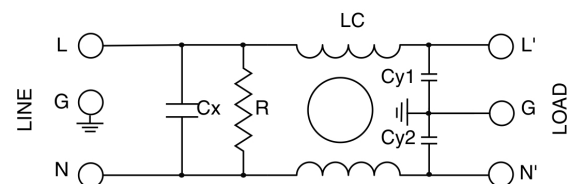
- Rated Current up to 16A
- High Conducted attenuation performance
- Standard performance/size ratio

Applications:

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

Performance Indicator

Standard	High	Very High
█		

Rated current [A]

Typical circuit Diagram

DATA SHEET
**IEC INLET SINGLE PHASE
EMI FILTER - MF 300**
Description

These series range of filters with IEC Inlet are designed to suppress undesirable electrical disturbances in Power Lines. They limit the amplitude of interfering voltages on AC powerlines and prevent them from propagating into or out of the filtered equipment.

Technical Specifications:

Maximum Continuous Operating Voltage	: 250VAC, 50/60Hz (UL Approval) 250VDC
Operating Frequency	: DC to 400Hz
Current ratings	: 1A to 16A @40°C
High Potential test voltage	: L+N - G 2250VDC for 1 Minute L-N 1450VDC for 1 Minute
Overload Capability	: 135% of Rated current for 15 minutes
Design Corresponding to	: UL 60939-3, CSA 22.2 No.8-13 and IEC 60939-1&2
Flammability corresponding to	: UL 94 V-0
Temperature range	: -25°C to +85°C
Climatic Category	: 25/85/21

Ordering Information

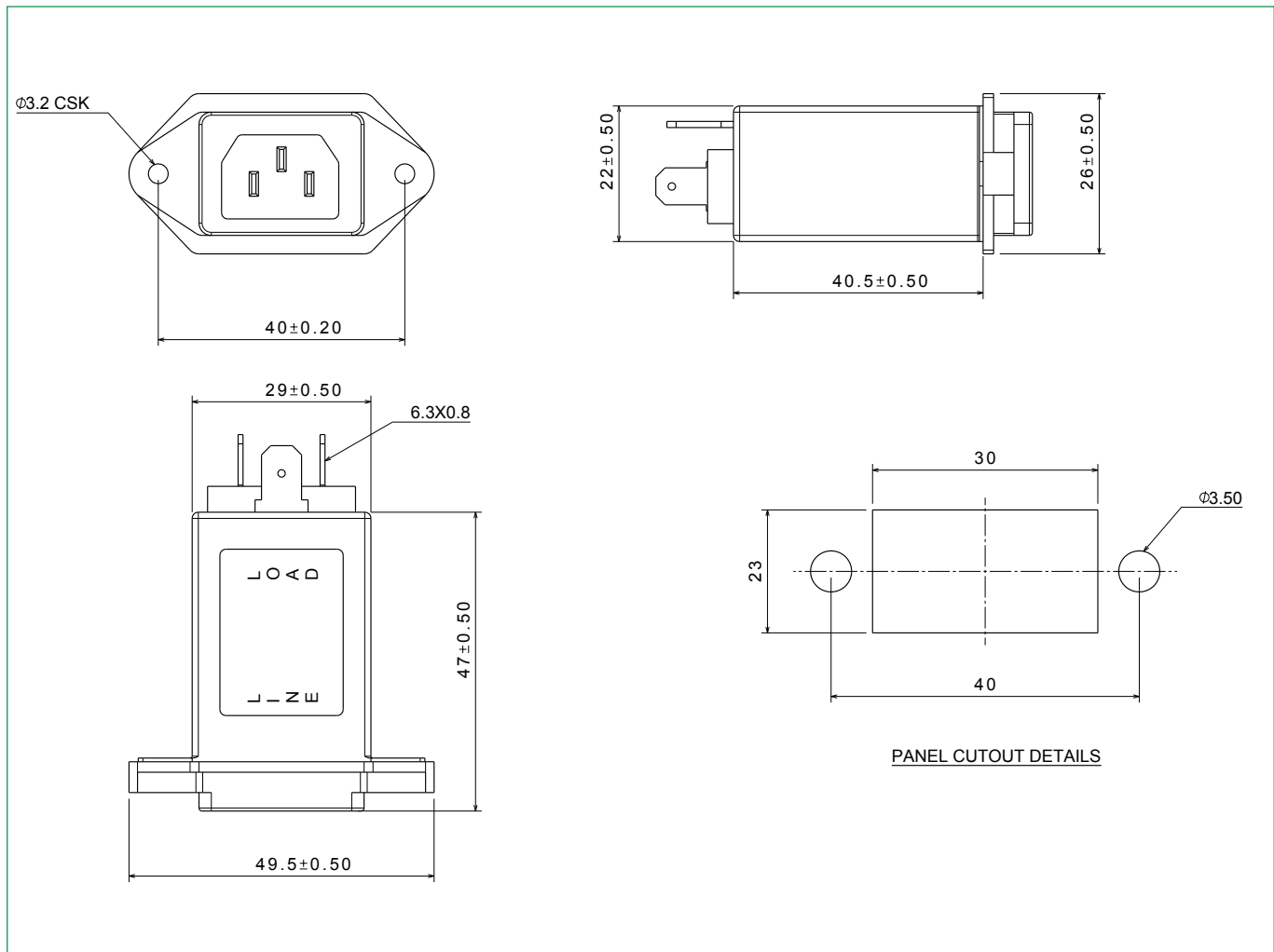
Model Number	Part Number	Rated Current @40°C	Leakage Current (mA) @250VAC/50Hz	Termination	Weight (Grams)
MF 300	E100001-2	1A	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-8	2A*	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-3	3A	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-4	6A	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-5	10A	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-6	15A	0.34	Fastons - 6.3x0.8	60
MF 300	E100001-7	16A*	0.34	Fastons - 6.3x0.8	60

Note: *not covered under NEMKO

Customized filters are provided on request

Mechanical Drawing:

1 to 16A Types

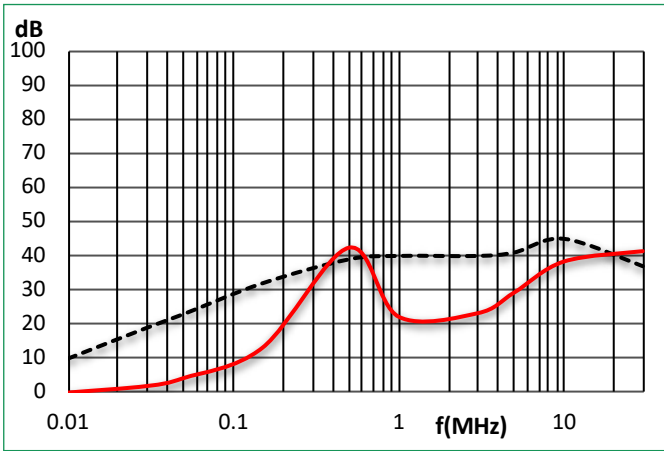


Note: All dimensions in mm; Tolerances according to ISO2768-C

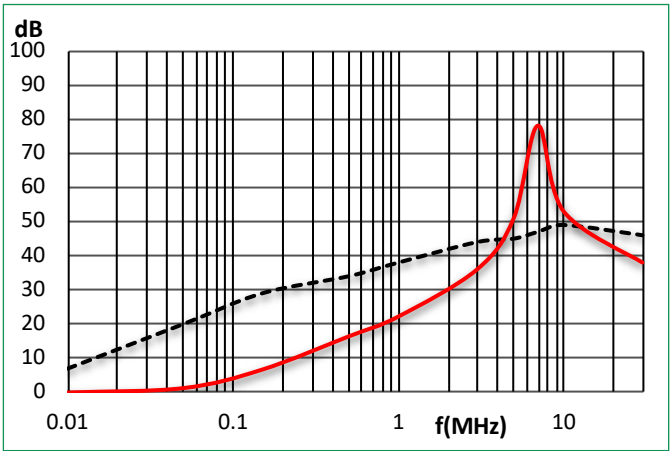
Insertion Loss : Common mode _____ Differential Mode

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

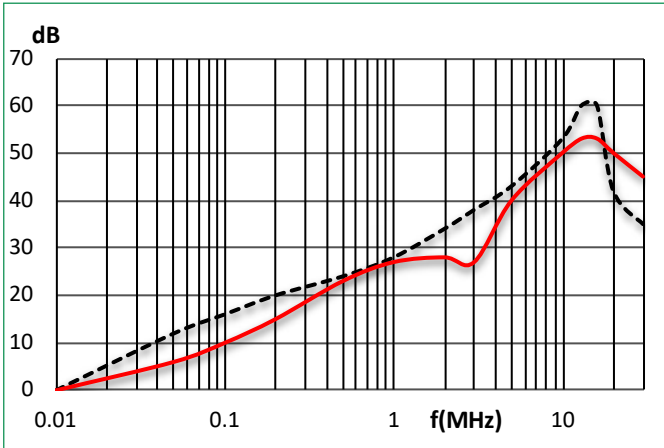
1A/2A



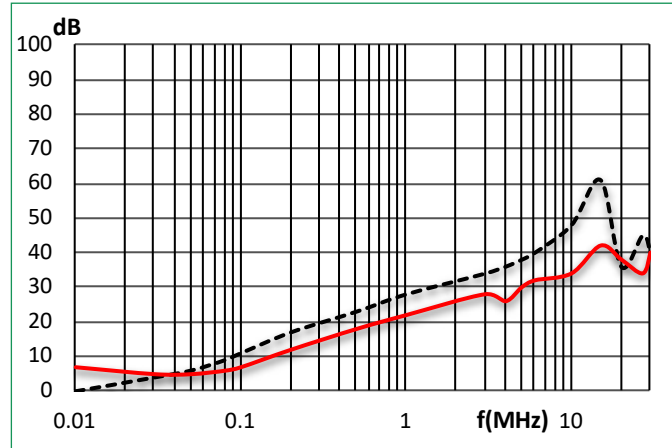
3A



6A



10A



15A/16A

