

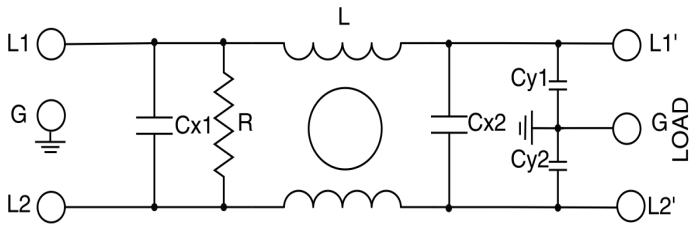
## Features

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

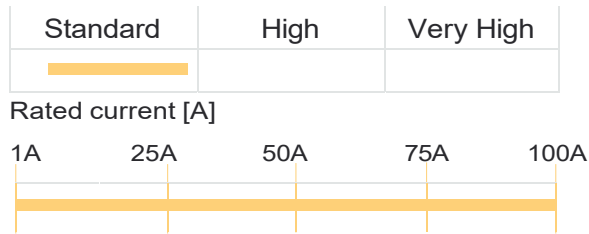
## Applications

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

## Typical Circuit Diagram



## Performance Indicator





## Approvals & Compliances



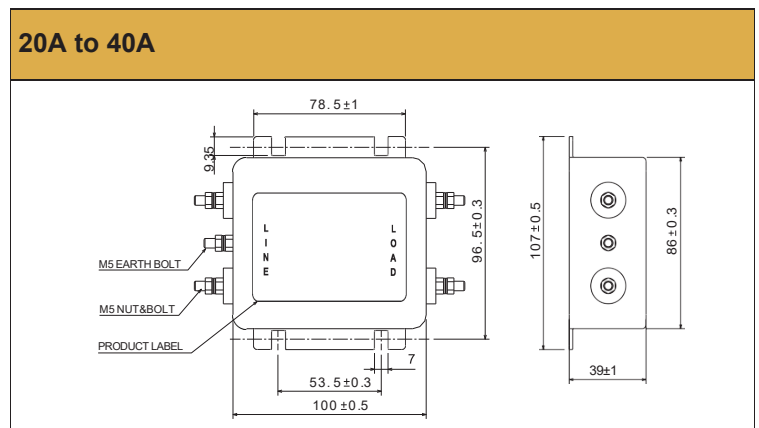
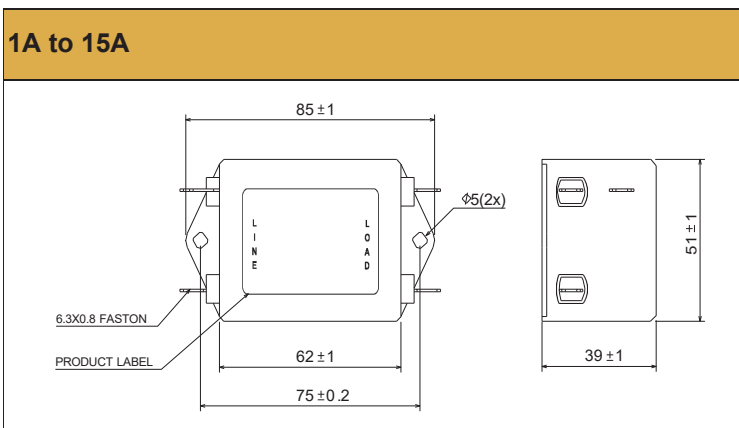
## Technical Specifications

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	CSA 22.2 No.8-13 and UL 60939-3
Flammability corresponding to	UL 94 V-0
Temperature range	-25°C to +85°C
Climatic Category	25/85/21
Enclosure Material/Finish	CRCA/Nickel Plated – 1A to 40A Aluminium – 50A to 100A

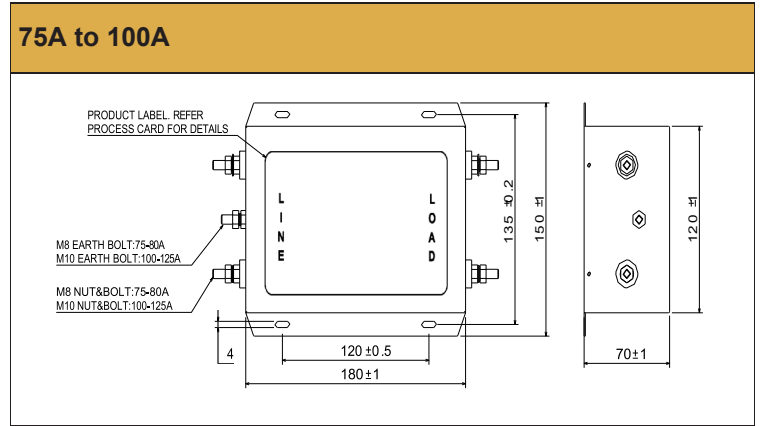
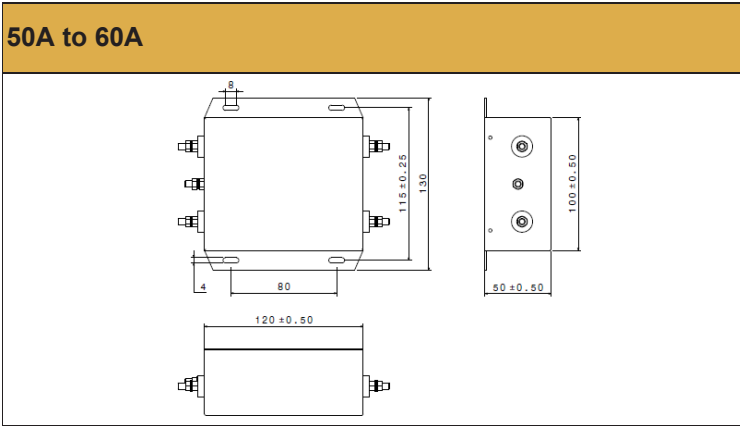
## Selection Table

Available Part Number	Rated Current @40°C	Leakage Current (mA)@250VAC/50Hz	Termination		Weight (Grams)
			 6.3 x 0.8		
AMI-1422-1-1	1A	0.74	1		0.26
AMI-1422-2-1	2A	0.74	1		0.26
AMI-1422-3-1	3A	0.74	1		0.26
AMI-1422-6-1	6A	0.74	1		0.26
AMI-1422-8-1	8A	0.74	1		0.26
AMI-1422-10-1	10A	0.74	1		0.26
AMI-1422-15-1	15A	0.74	1		0.26
AMI-1422-20-M5	20A	0.74		M5	0.5
AMI-1422-25-M5	25A	0.8		M5	0.5
AMI-1422-30-M5	30A	0.8		M5	0.5
AMI-1422-40-M5	40A	0.8		M5	0.5
AMI-1422-50-M6	50A	0.8		M6	1
AMI-1422-60-M6	60A	0.8		M6	1
AMI-1422-75-M8	75A	0.8		M8	3
AMI-1422-80-M8	80A	0.8		M8	3
AMI-1422-100-M10	100A	0.8		M10	3

## Mechanical Drawing



## Mechanical Drawing



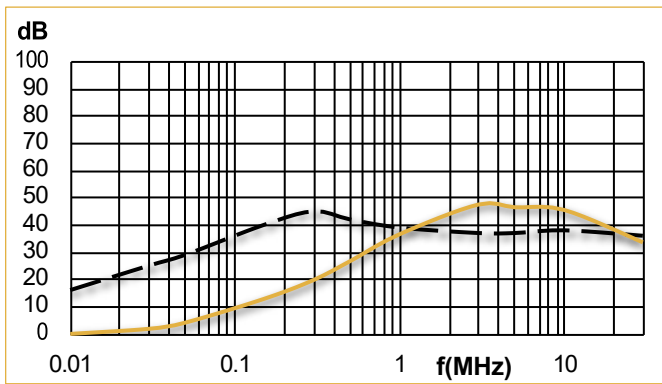
Thread Size	M5	M6	M8	M10
Recommended Torque (Nm)	2	2.5-3	3.5-6	4-10

## Typical Insertion Loss

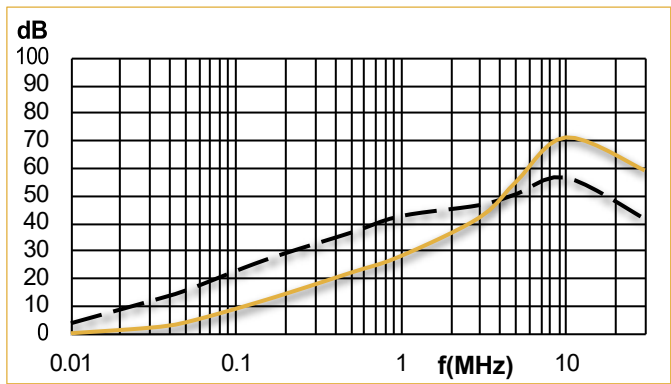
According to CISPR17 in 50 Ω system

— Common Mode / Asymmetrical (L-G)  
 — Differential Mode / Symmetrical (L-L)

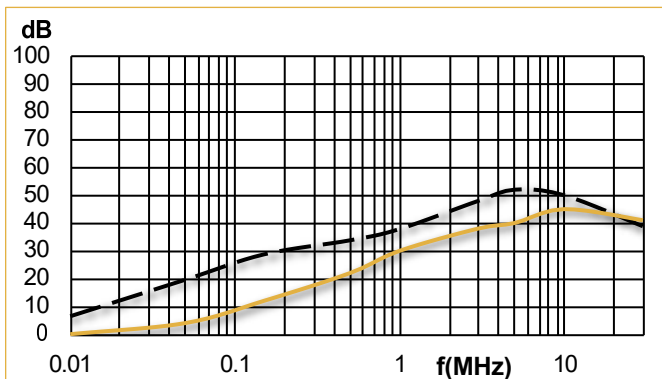
1A



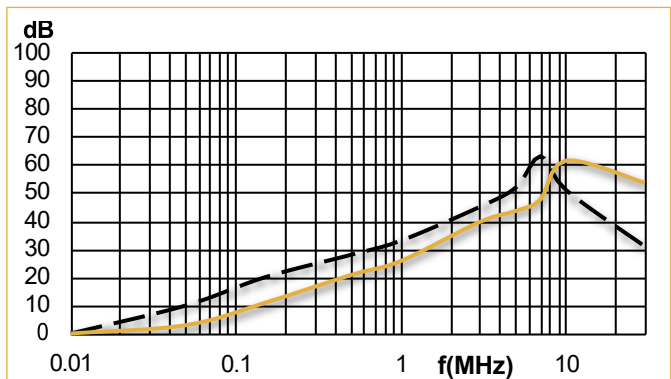
2A



3A



6A

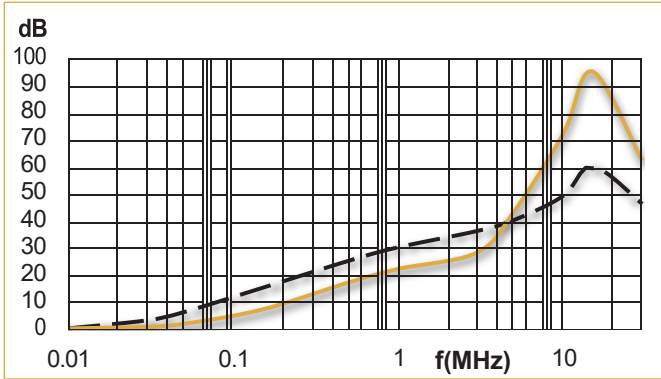


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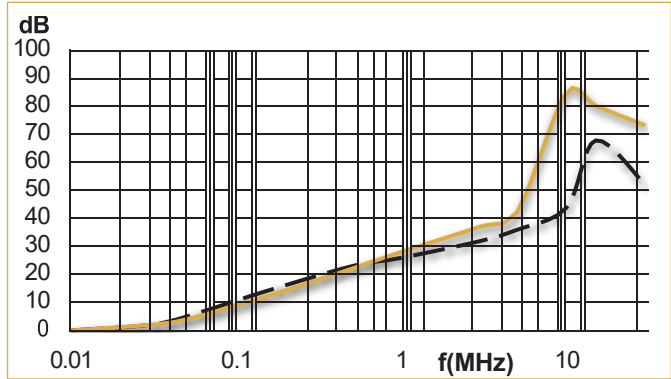
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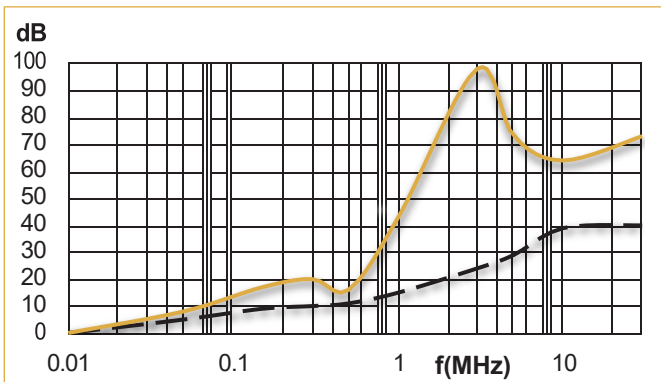
10A



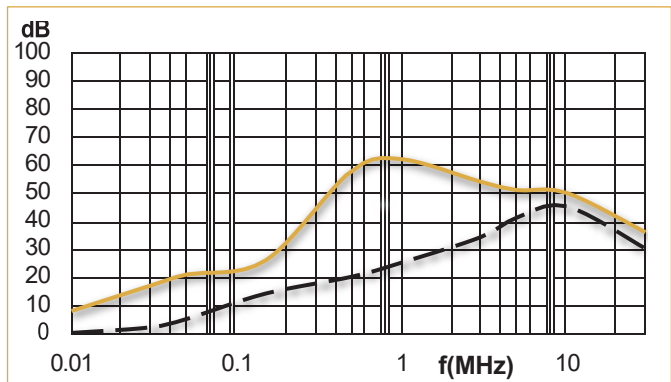
15A



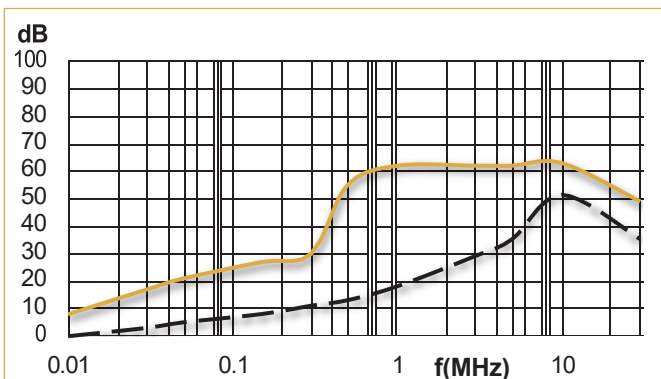
20A



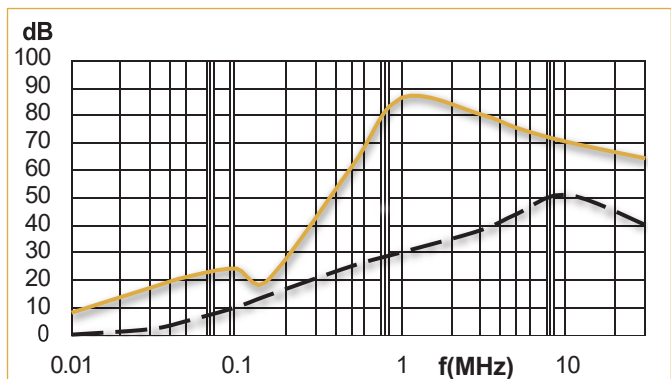
25A



30A



40A

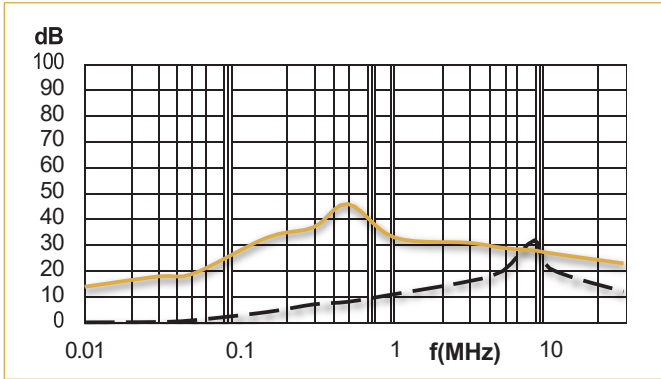


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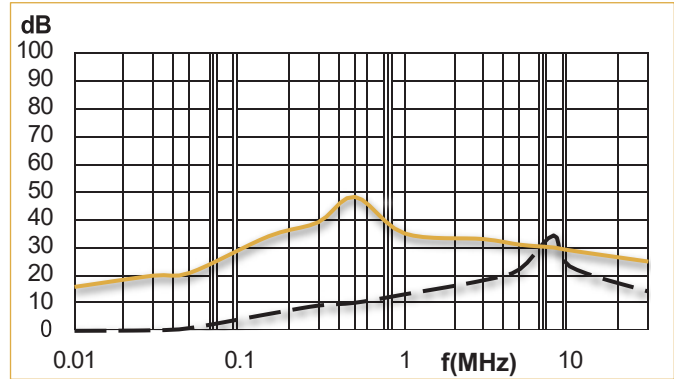
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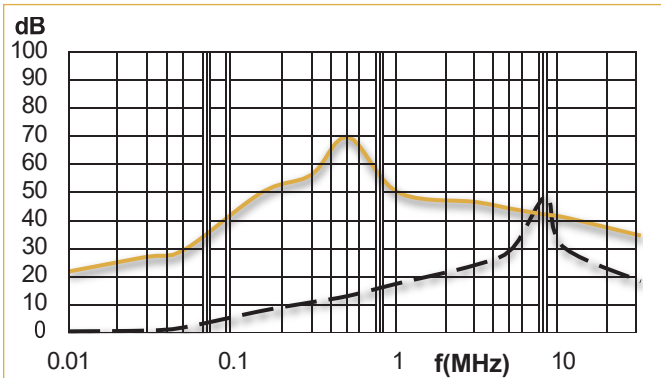
50A



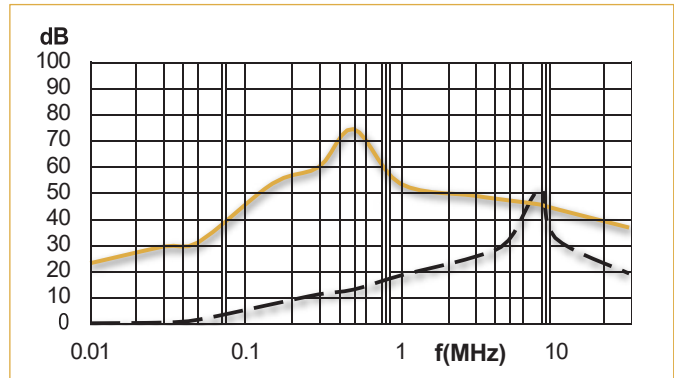
60A



75A



80A



100A

