

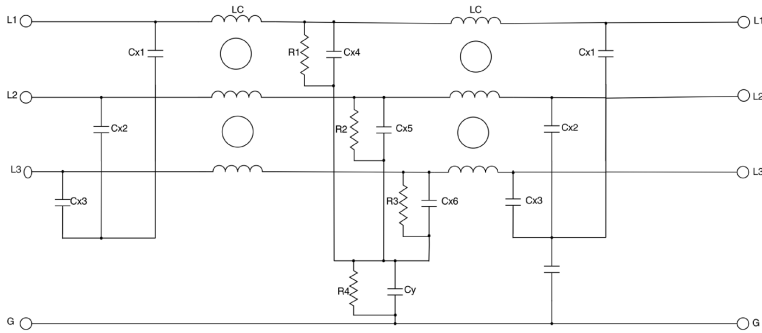
## Features

- Superior Performance
- Compact Design
- Low leakage versions available
- Chassis Mounting

## Applications

- IT power Distribution Network
- Renewable Energy Systems
- Process Automation Equipments
- Energy Conversion Devices

## Typical Circuit Diagram



## Approvals & Compliances




## Technical Specifications

Maximum Continuous Operating Voltage	750VAC / 760VAC
Operating Frequency	50/60Hz
Current ratings	6A to 1000A @40°C
High Potential test voltage	L to G 3535VDC for 1 Minute L to L 3268VDC for 1 Minute
Overload Capability	135% of Rated current for 15 minutes
Design Corresponding to	UL 60939-3 and CSA 22.2 No 8-13
Flammability corresponding to	UL 94 V-0
Temperature range	-25°C to +85°C
Climatic Category	25/85/21

## Selection Table

Available Part Number	Rated Current @40°C	Leakage current (mA)	Termination	Weight (Grams)
AMI-3377HV-6-16	6A	4	16	4.5
AMI-3377HV-10-16	10A	4	16	4.5
AMI-3377HV-16-16	16A	4	16	4.5
AMI-3377HV-20-16	20A	4	16	5
AMI-3377HV-25-16	25A	4	16	5
AMI-3377HV-30-16	30A	4	16	5
AMI-3377HV-40-16	40A	4	16	5.5
AMI-3377HV-50-16	50A	5	16	9
AMI-3377HV-63-16	63A	6	16	9
AMI-3377HV-75-16	75A	6	16	12
AMI-3377HV-80-16	80A	6	16	12
AMI-3377HV-90-25	90A	6	25	12
AMI-3377HV-100-25	100A	6	25	12
AMI-3377HV-125-M10	125A	6	M10 Stud	12
AMI-3377HV-150-M12	150A	6	M12 Stud	22
AMI-3377HV-180-M12	180A	6	M12 Stud	22
AMI-3377HV-250-M12	250A	6	M12 Stud	23
AMI-3377HV-320-BB	320A	6	Busbar - 6 x 25mm	15
AMI-3377HV-400-BB	400A	6	Busbar - 6 x 25mm	15
AMI-3377HV-500-BB	500A	6	Busbar -10 x 25mm	17
AMI-3377HV-600-BB	600A	6	Busbar -10 x 25mm	18
AMI-3377HV-700-BB	700A	6	Busbar -10 x 40mm	20
AMI-3377HV-800-BB	800A	6	Busbar -10 x 40mm	20
AMI-3377HV-1000-BB	1000A	6	Busbar -10 x 40mm	20

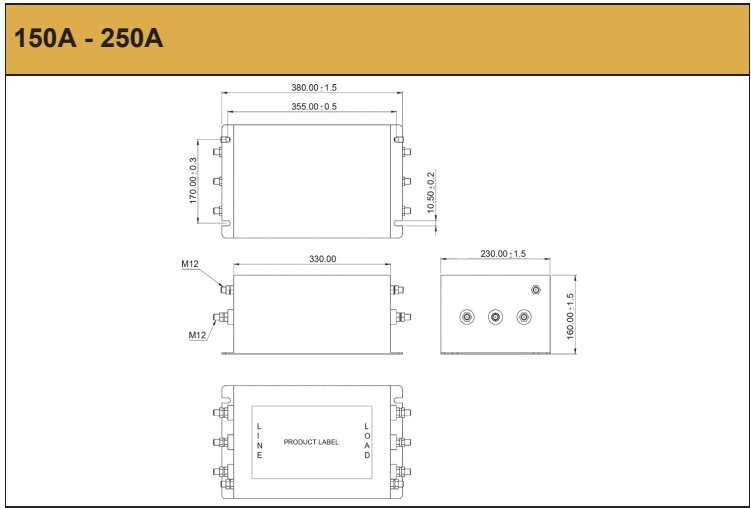
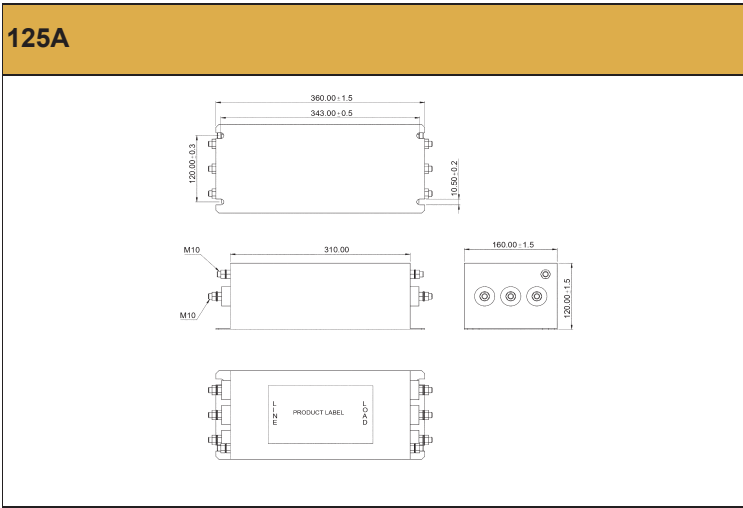
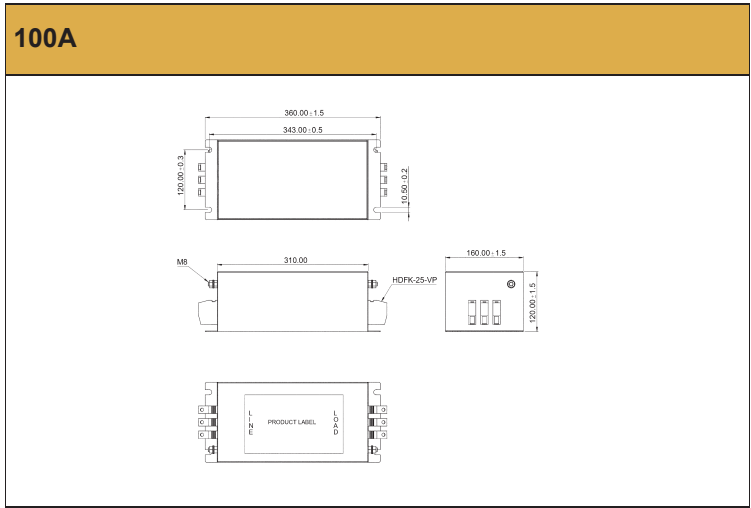
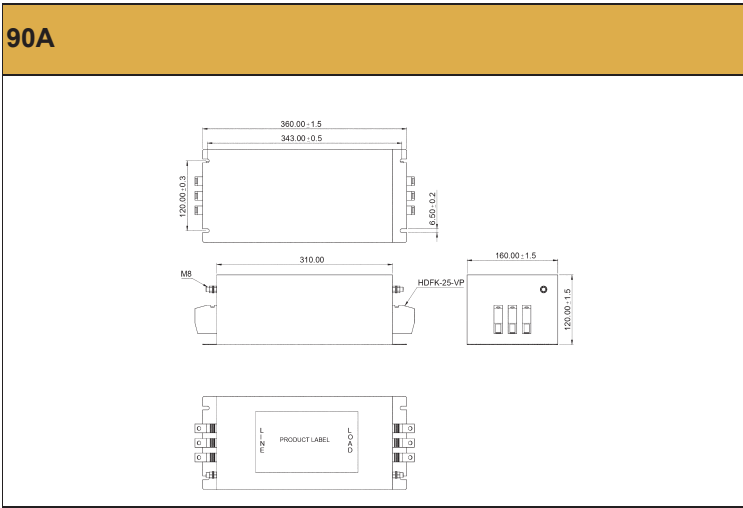
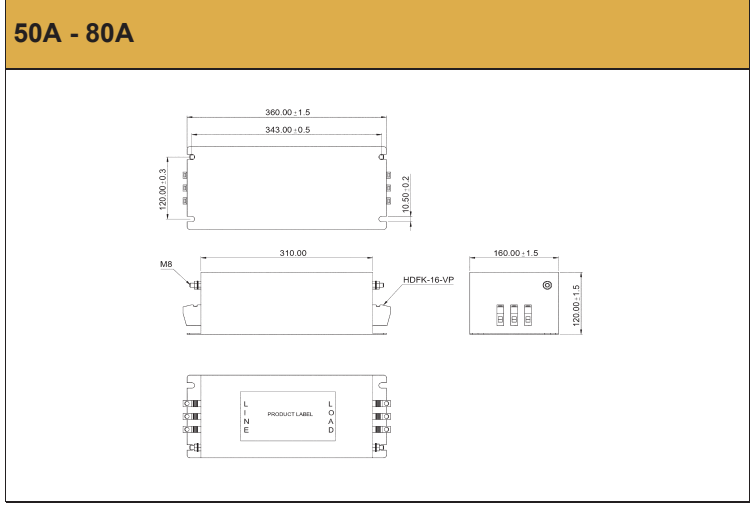
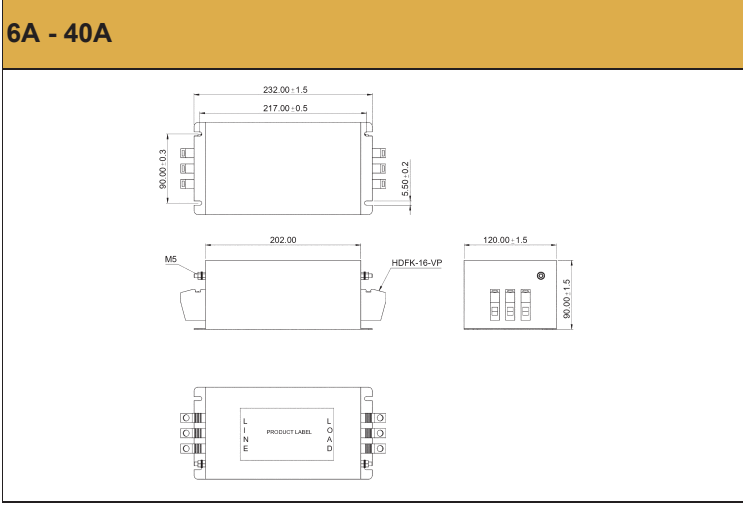
## Connector Details

	16	25
Wire Section-Flexible (mm <sup>2</sup> )	0.5-16mm <sup>2</sup>	10-25mm <sup>2</sup>
Recommended Torque	2-2.3 Nm	4-4.5 Nm

## Screw Details

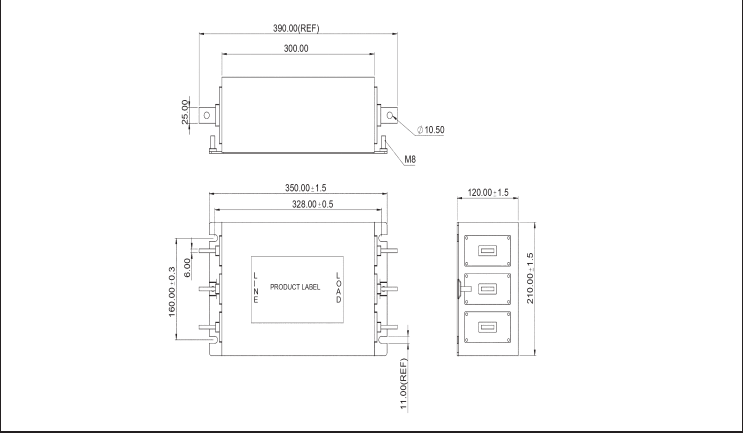
Thread Size	M10	M12
Recommended Torque (Nm)	15-17	27-28

## Mechanical Drawing

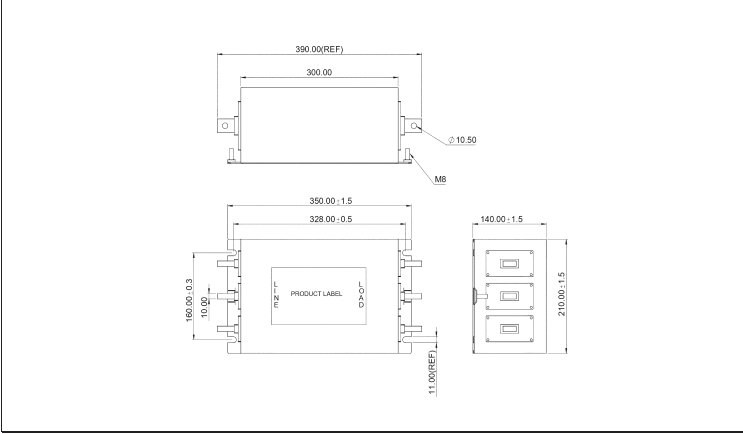


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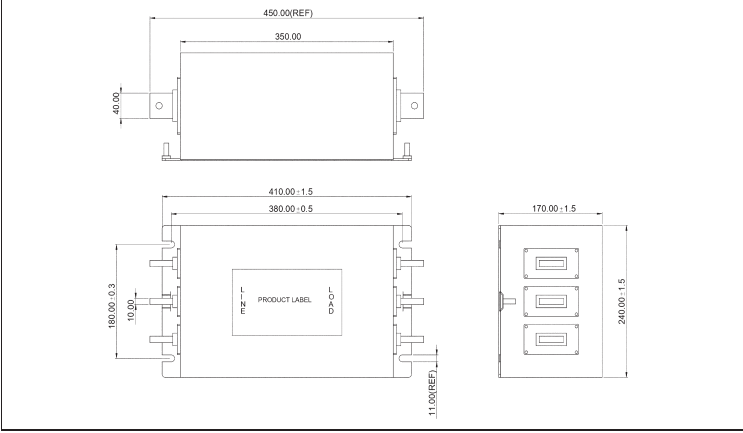
### 320A - 400A



### 500A - 600A



### 700A - 1000A

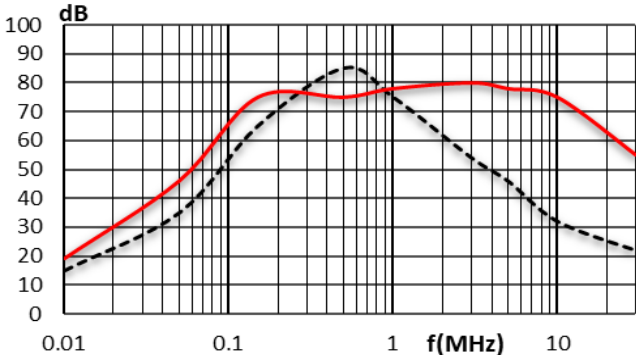


## Typical Insertion Loss

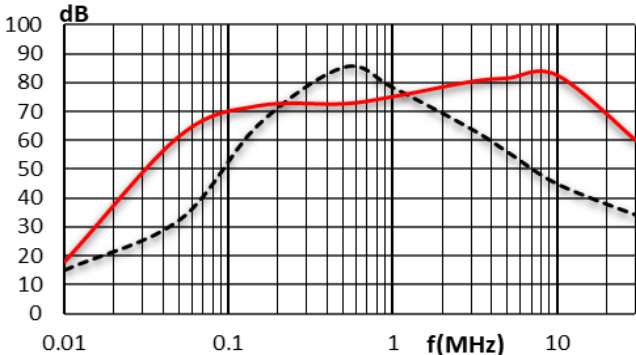
According to CISPR17 in 50 Ω system

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

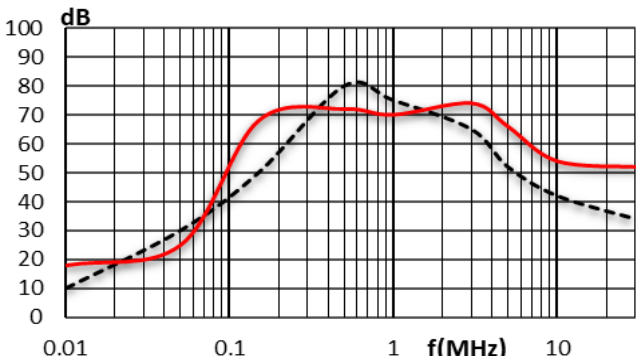
**6A**



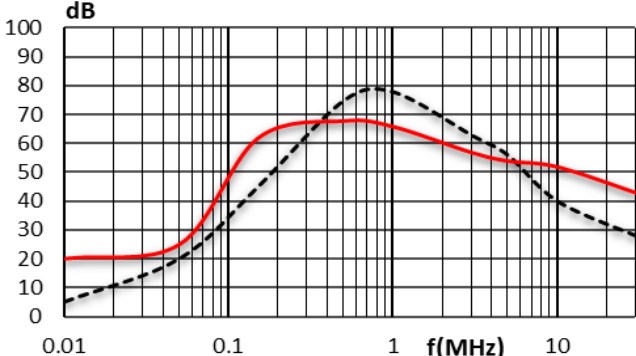
**10A**



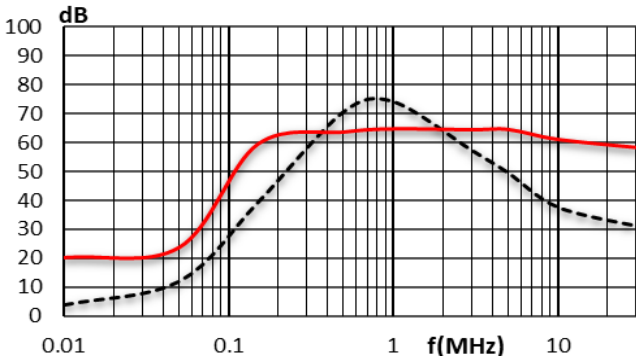
**16A**



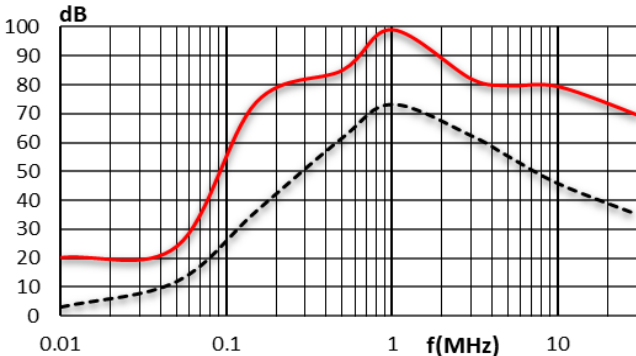
**20A**



**25A**



**30A**

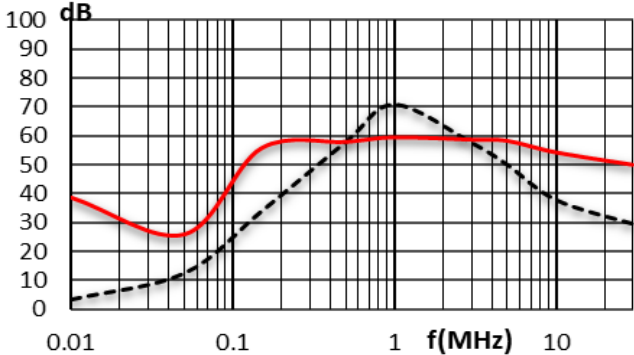


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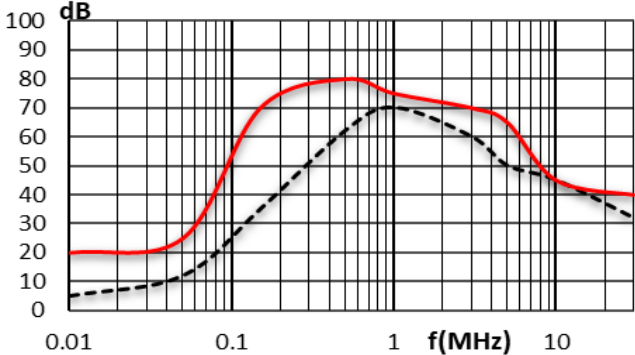
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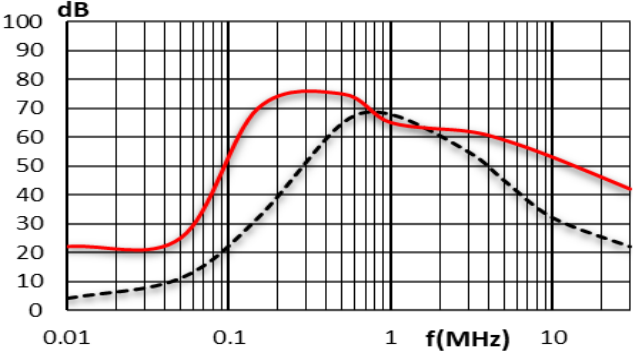
**40A**



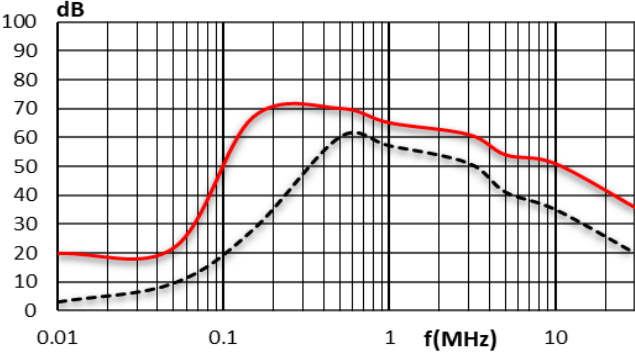
**50A**



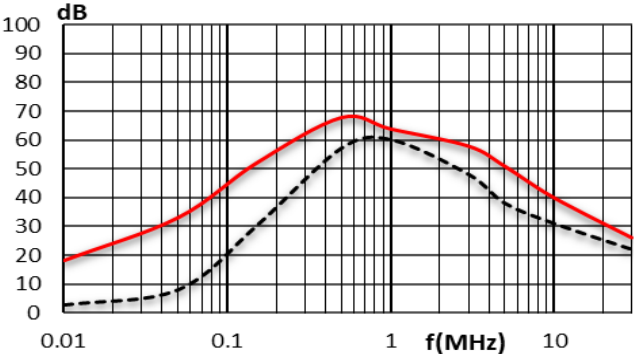
**63A**



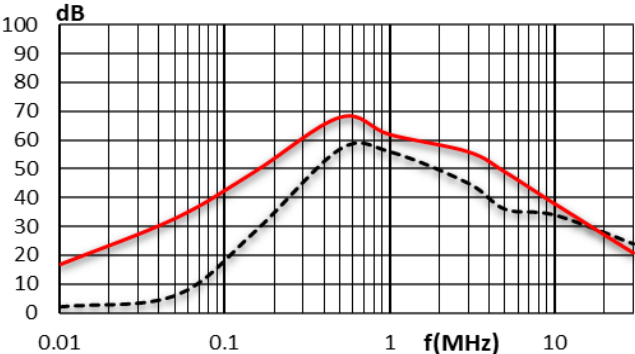
**75A**



**80A**



**90A**

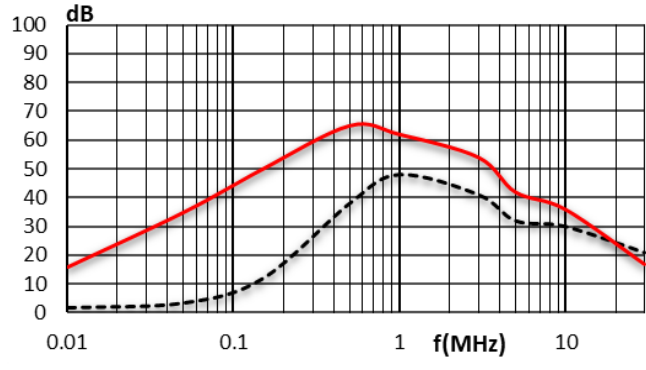


## Typical Insertion Loss

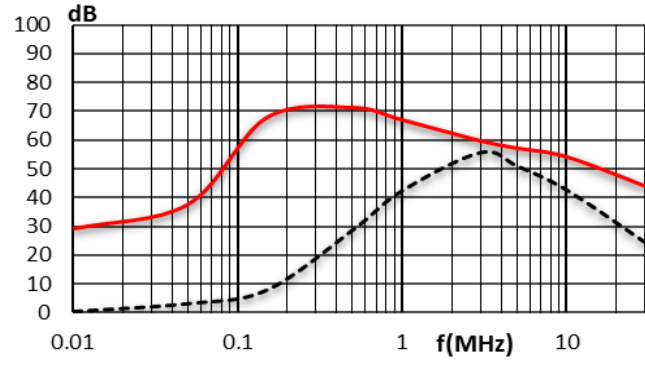
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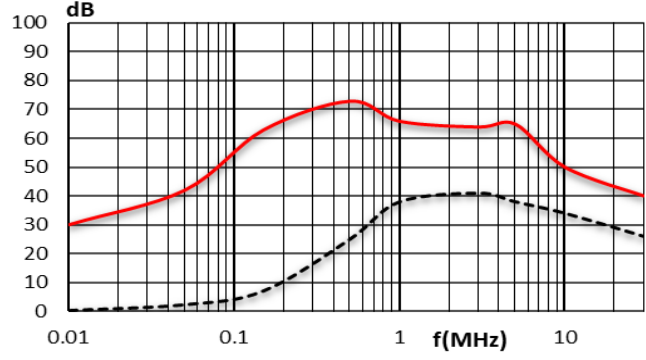
**100A**



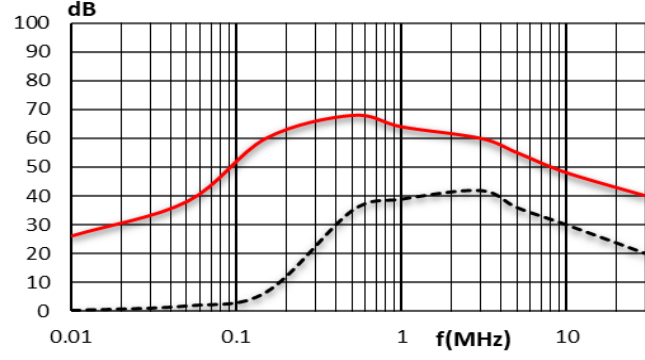
**125A**



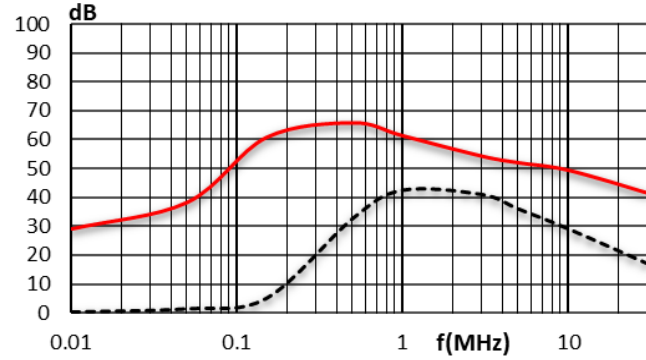
**150A**



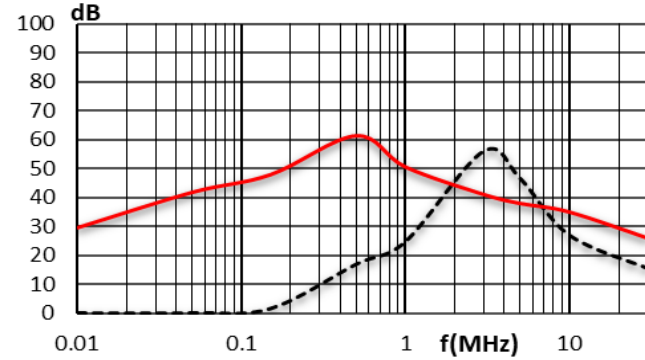
**180A**



**250A**



**320A**

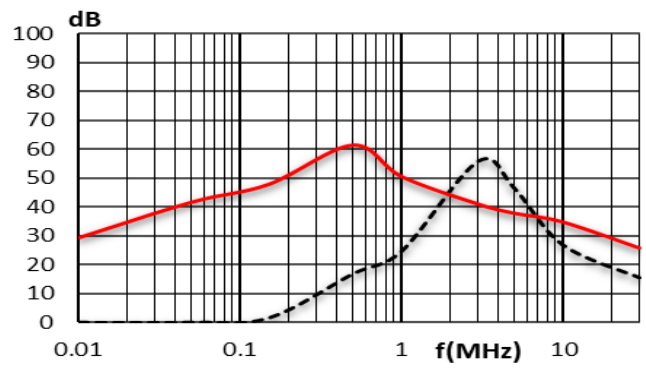


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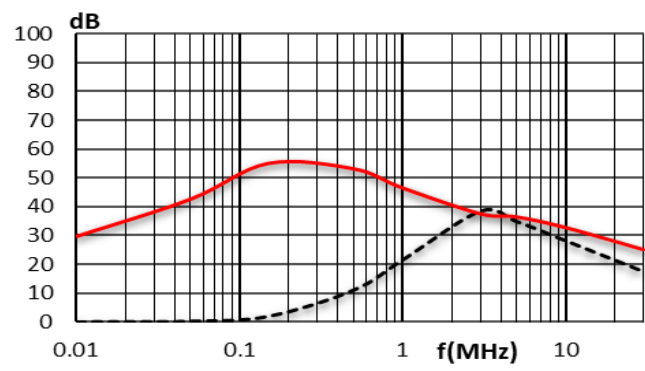
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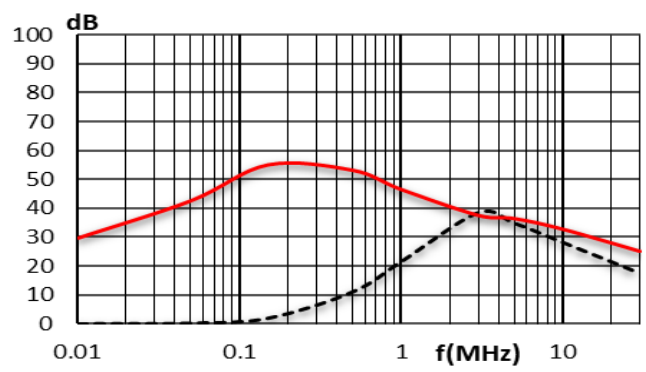
**400A**



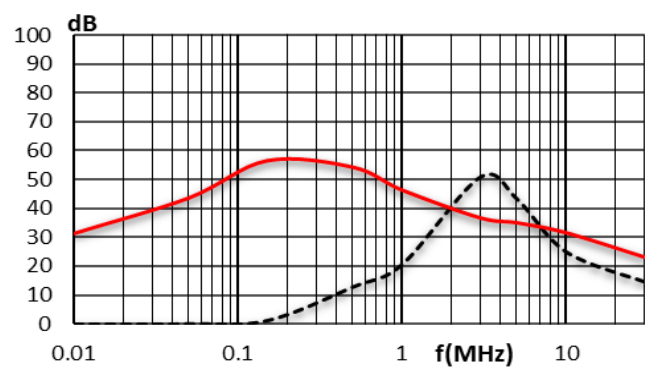
**500A**



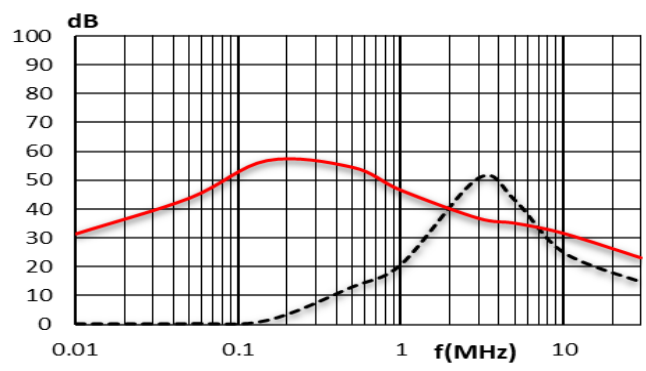
**600A**



**700A**



**800A**



**1000A**

