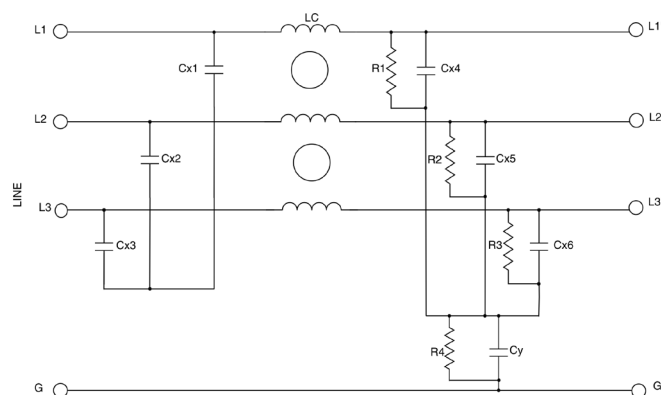



**Features:**

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

**Applications:**

- IT power Distribution network
- Three Phase Drives
- Renewable energy Systems
- Process Automation Equipments
- Energy Conversion Devices


**DATA SHEET**
**MF 423-3-2D-HV**
**Typical circuit Diagram**

**Technical Specifications:**

Operating Rated Voltage	: 750VAC / 760VAC
Rated Currents	: 6A to 1000A @40°C
Operating Frequency	: 50 / 60 Hz
High Potential test voltage	: L to G 3535VDC ; L to L 3268VDC
Overload Capacity	: 135% of Rated current for 15 min
Design Corresponding to	: UL 60939-3 and CSA 22.2 No 8-13
Flammability Corresponding to	: UL 94 V-0
Operating Temperature	: -25°C to 85°C
Climatic Category	: 25/85/21

## Selection Table

Model Number	Part Number	Rated Current @40°C	Leakage Current (mA)	Termination	Weight (Kgs)
MF 423-3-2D-HV	E102594-1	6A	4	16	4
M F423-3-2D-HV	E102595-1	10A	4	16	4
MF 423-3-2D-HV	E102596-1	16A	4	16	4
MF 423-3-2D-HV	E102597-1	20A	4	16	4
MF 423-3-2D-HV	E102598-1	25A	4	16	4.5
MF 423-3-2D-HV	E102599-1	30A	4	16	4.5
MF 423-3-2D-HV	E102600-1	40A	4	16	4.5
MF 423-3-2D-HV	E102601-1	50A	5	16	6
MF 423-3-2D-HV	E102602-1	60A	6	16	6
MF 423-3-2D-HV	E102603-1	75A	6	16	8
MF 423-3-2D-HV	E102604-1	80A	6	16	8
MF 423-3-2D-HV	E102605-1	90A	6	25	9
MF 423-3-2D-HV	E102606-1	100A	6	25	10
MF 423-3-2D-HV	E102607-1	125A	6	M10 Stud	12
MF 423-3-2D-HV	E102608-1	150A	6	M12 Stud	16.5
MF 423-3-2D-HV	E102609-1	180A	6	M12 Stud	16.5
MF 423-3-2D-HV	E102610-1	250A	6	M12 Stud	21
MF 423-3-2D-HV	E102611-1	300A	6	Busbar - 6 x 25mm	11
MF 423-3-2D-HV	E102612-1	400A	6	Busbar - 6 x 25mm	11
MF 423-3-2D-HV	E102613-1	500A	6	Busbar -10 x 25mm	12
MF 423-3-2D-HV	E102614-1	600A	6	Busbar -10 x 25mm	12
MF 423-3-2D-HV	E102615-1	700A	6	Busbar -10 x 40mm	19
MF 423-3-2D-HV	E102616-1	800A	6	Busbar -10 x 40mm	19
MF 423-3-2D-HV	E102617-1	1000A	6	Busbar -10 x 40mm	19

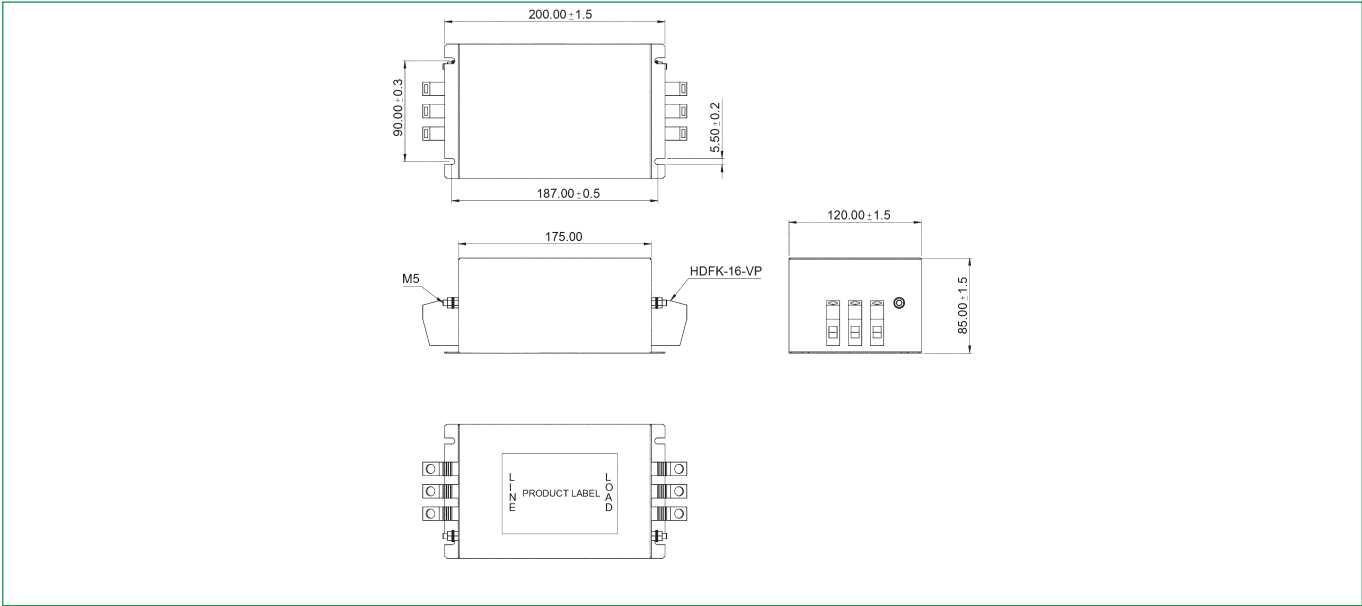
## Connector Details

	16	25
Wire Section-Flexible(mm2)	0.5-16	10-25
Recommended Torque(Nm)	2-2.3	4-4.5

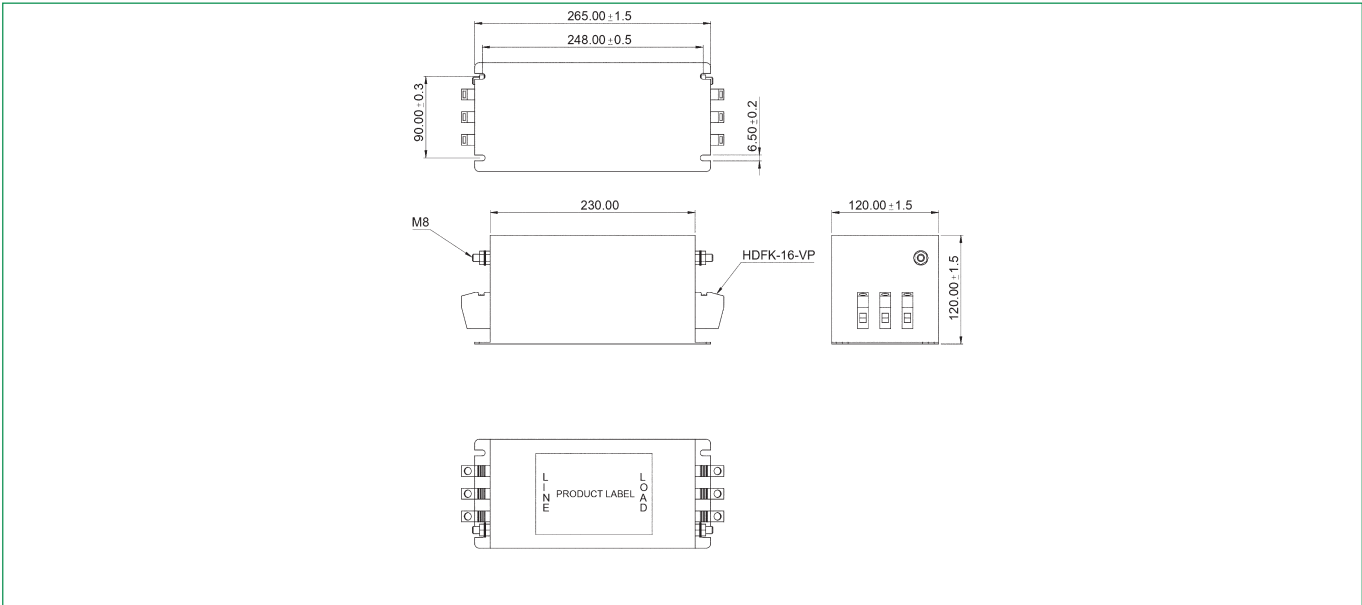
## Screw Details

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

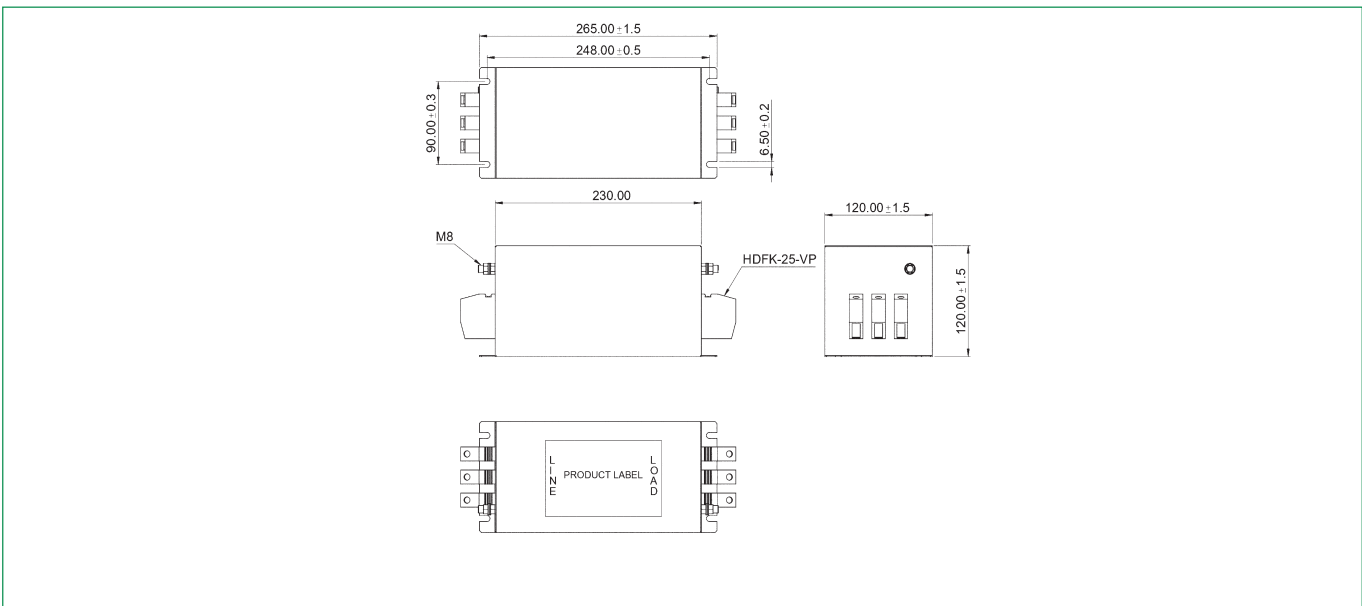
**Mechanical Drawing:  
6A-40A**



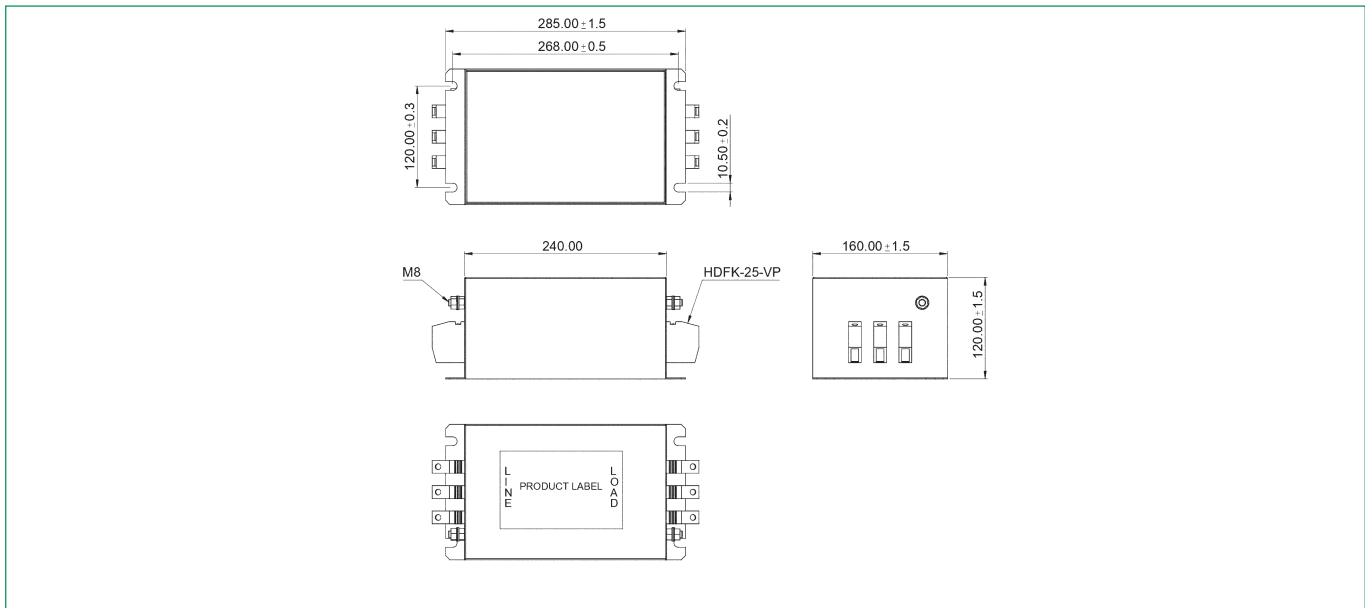
**50A-80A**



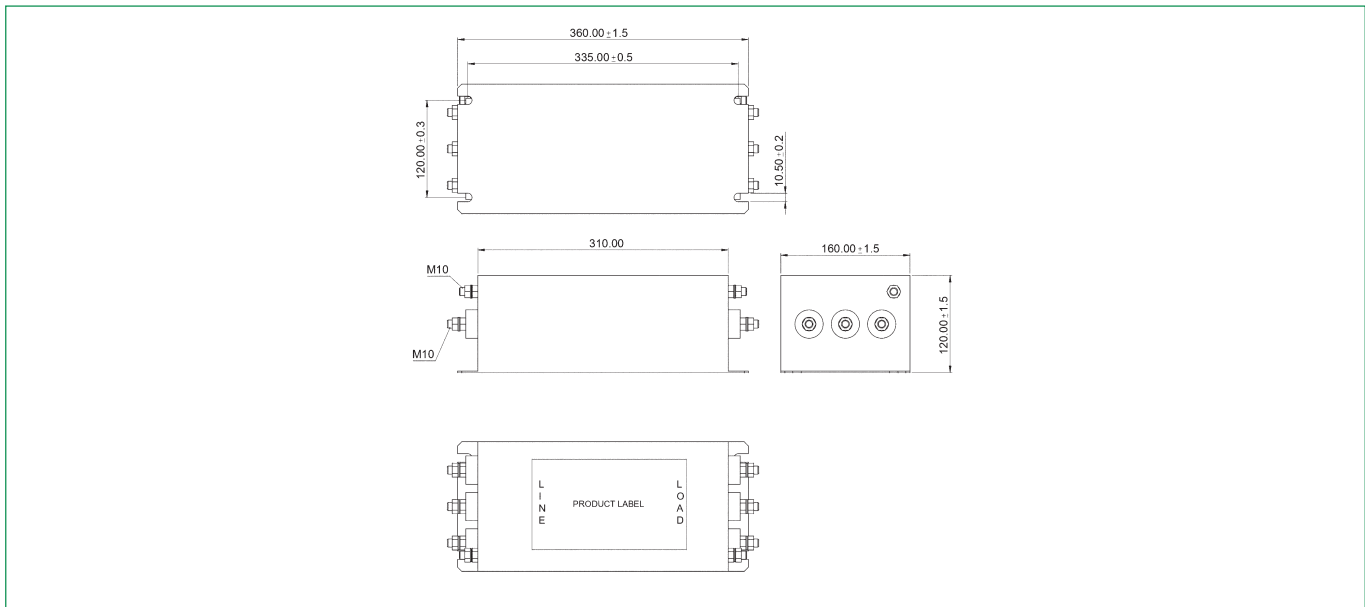
**90A**



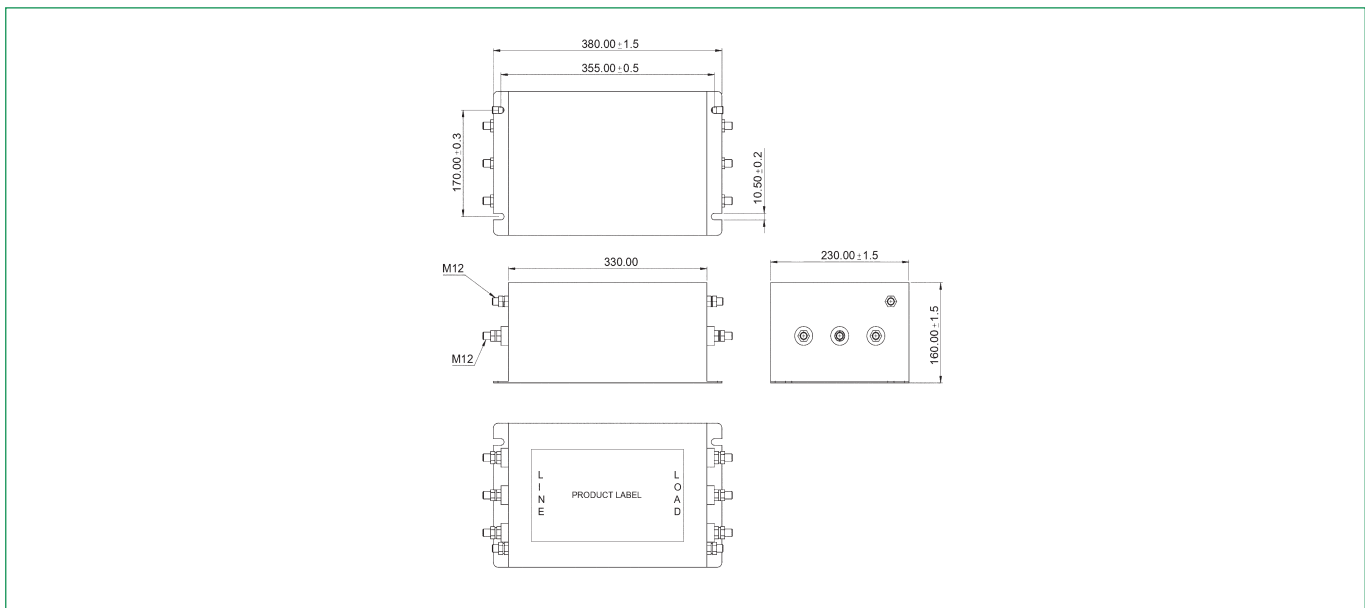
### 100A



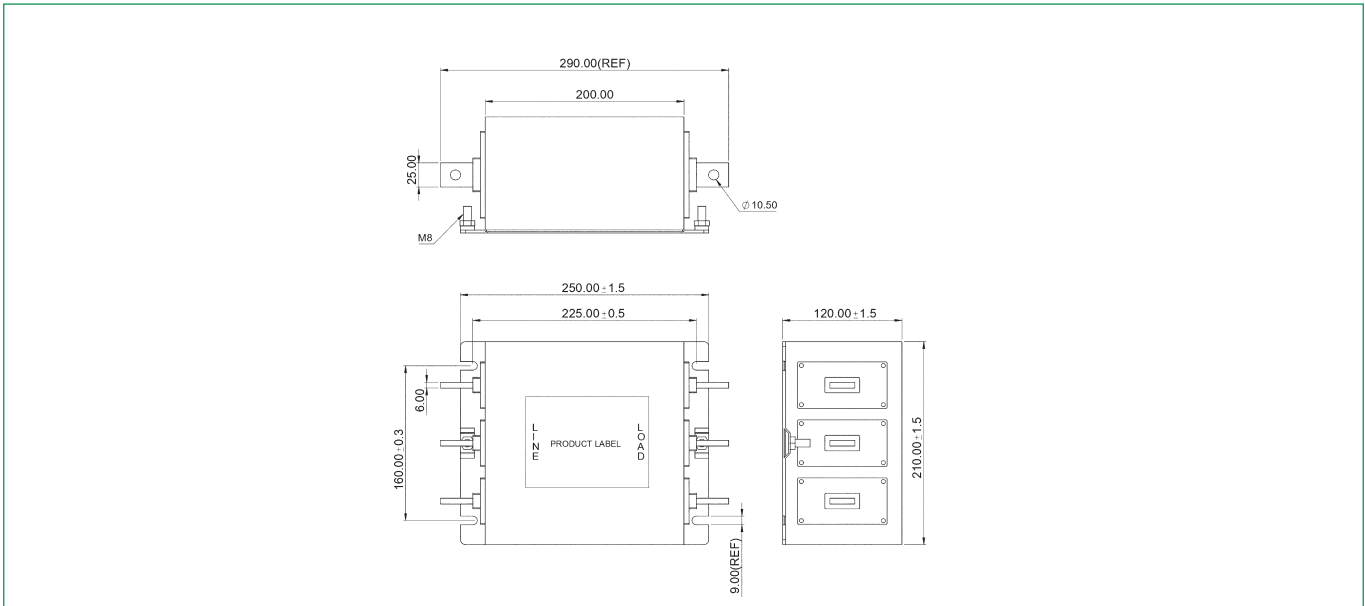
### 125A



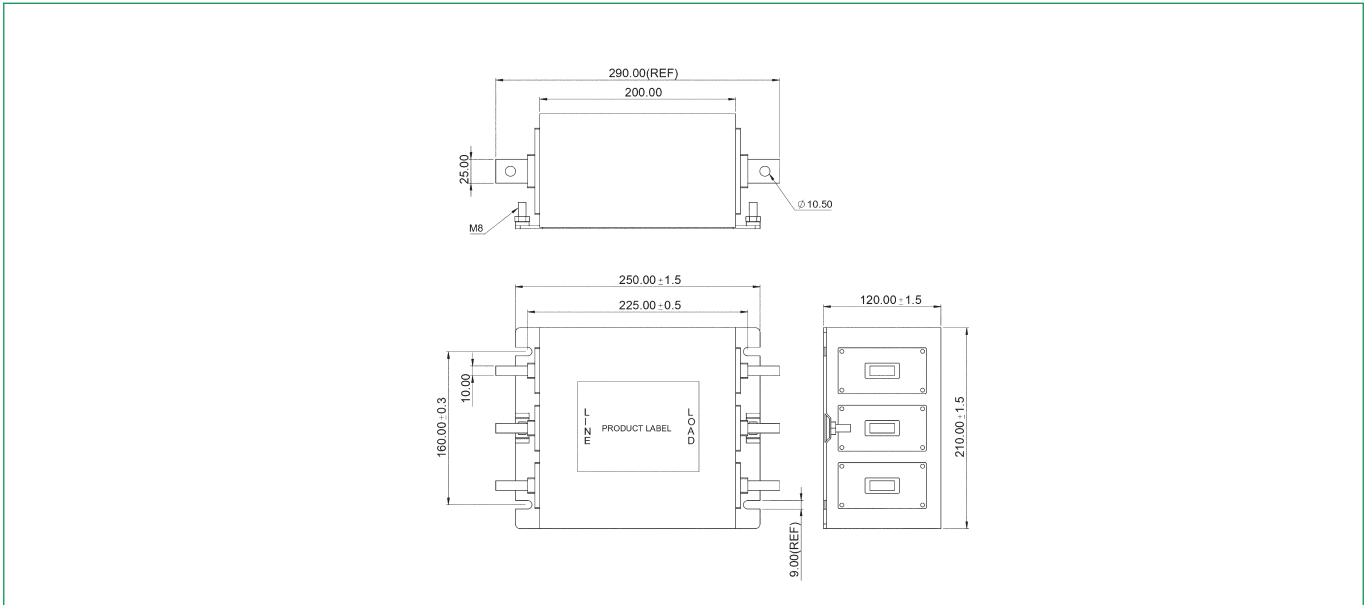
### 150A-250A



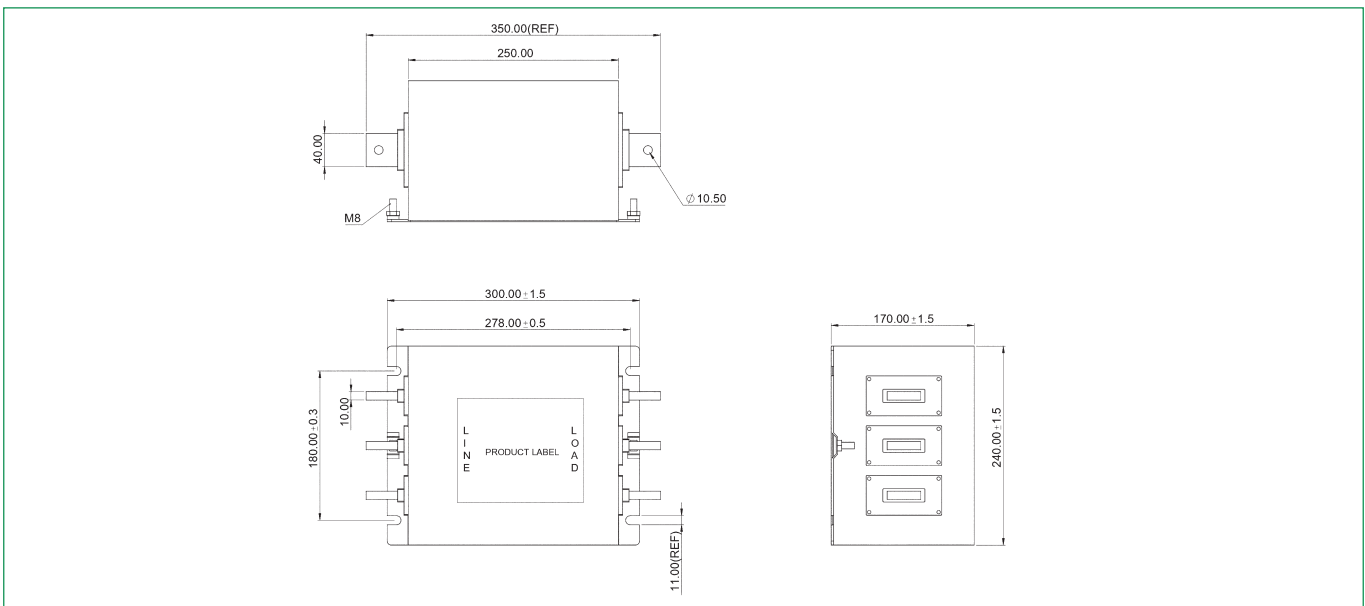
### 300A-400A



### 500A-600A



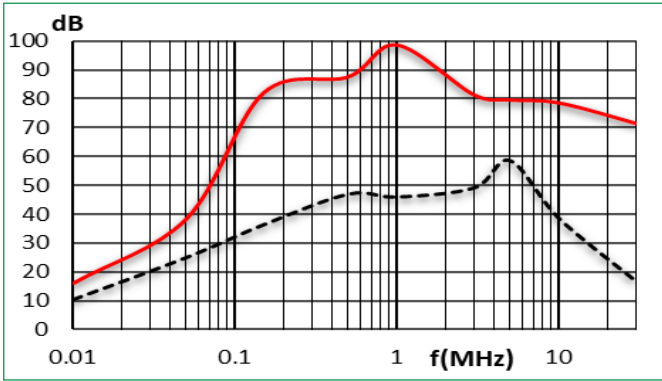
### 700-1000A



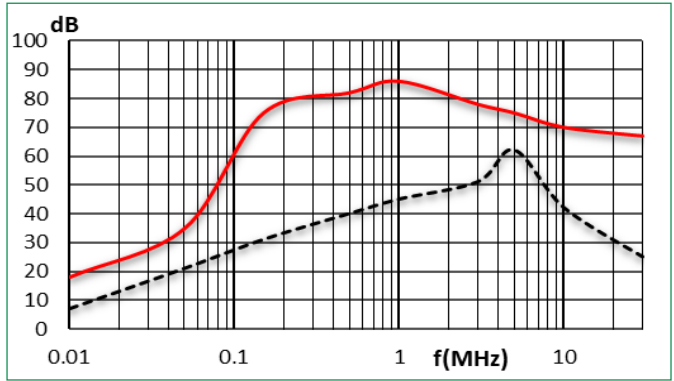
Insertion Loss : ..... Common mode \_\_\_\_\_ Differential Mode

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

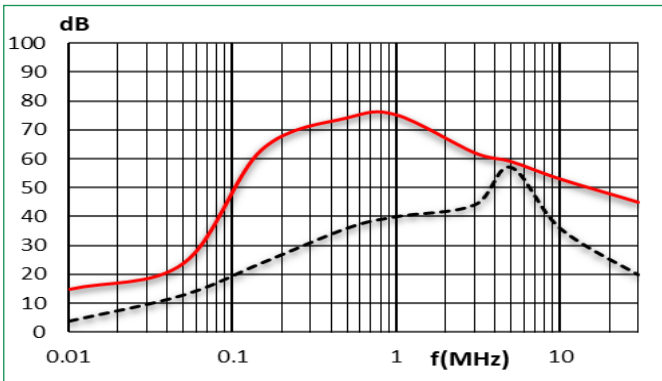
6A



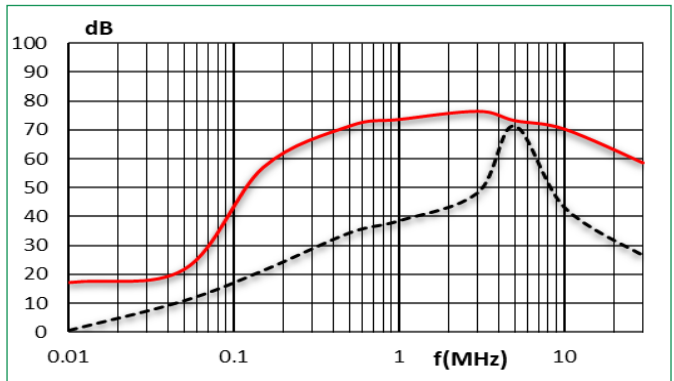
10A



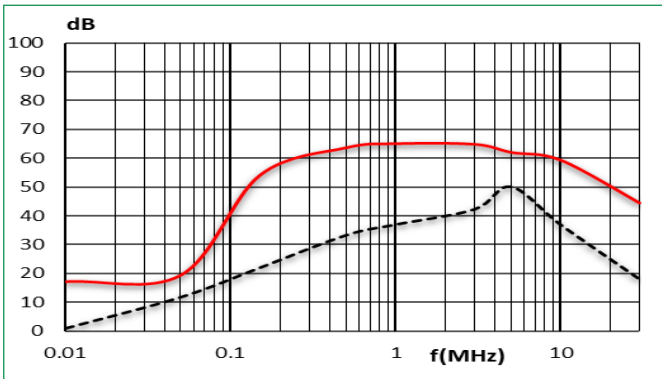
16A



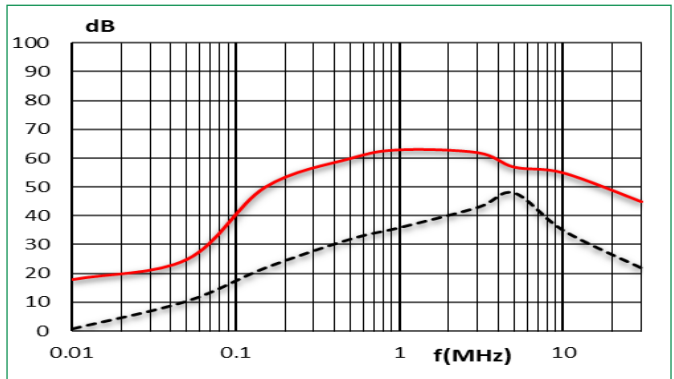
20A



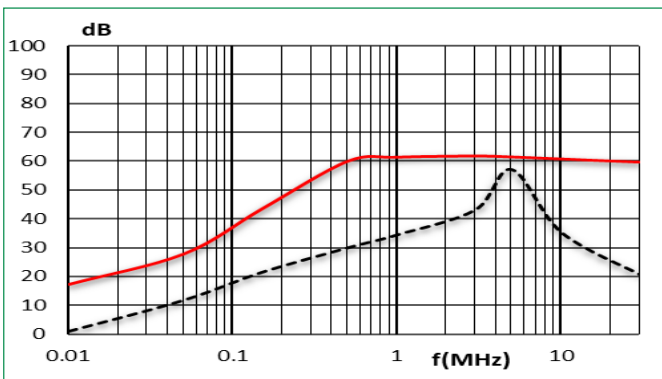
25A



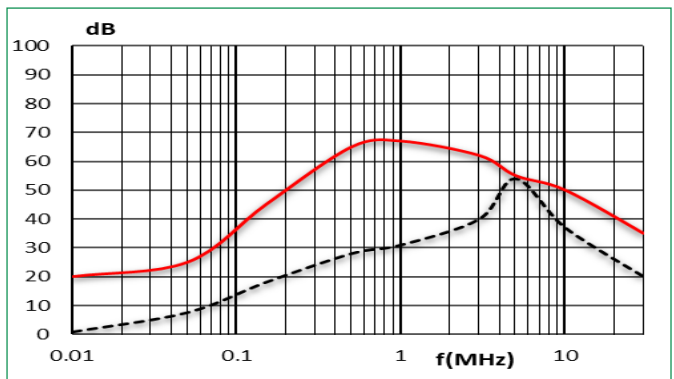
30A



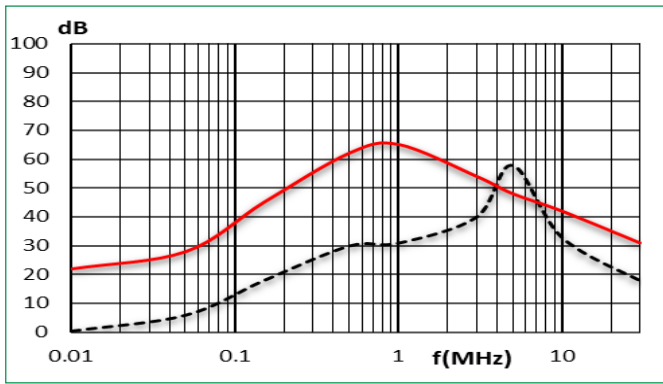
40A



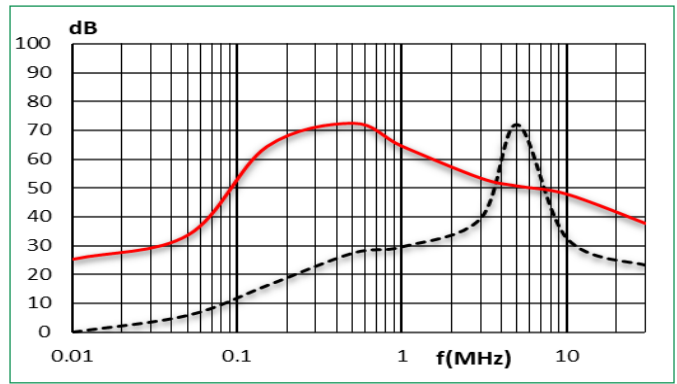
50A



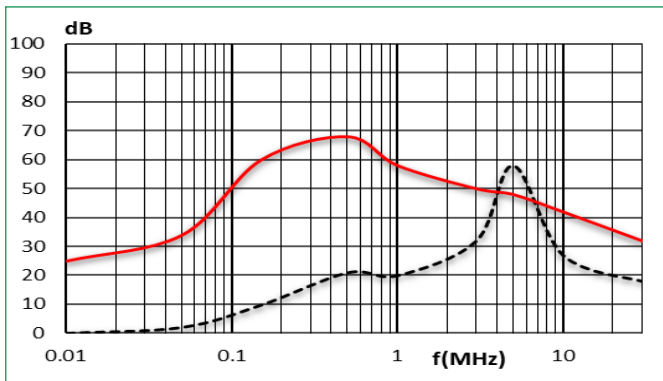
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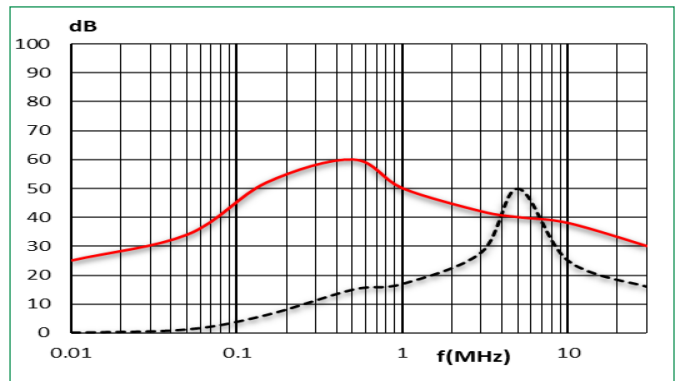
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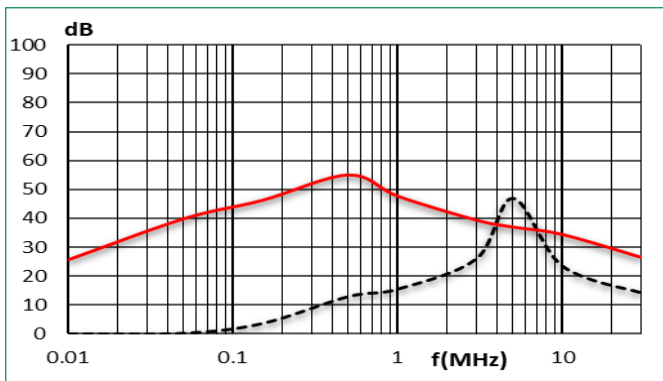
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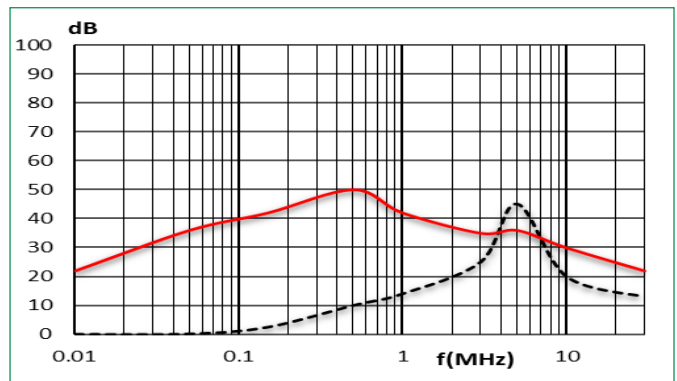
### 90A



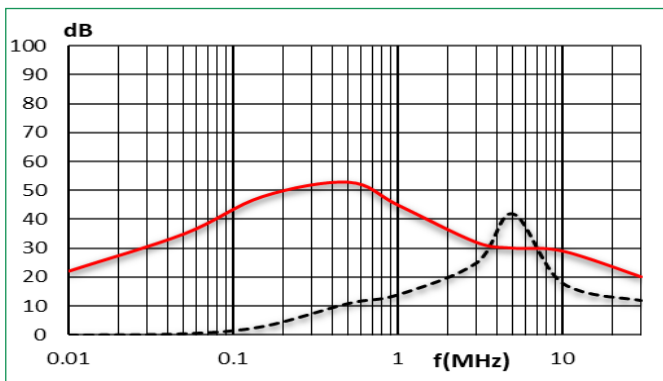
### 100A



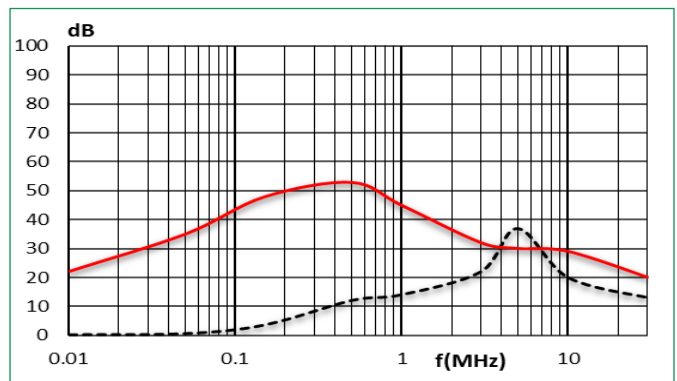
### 125A



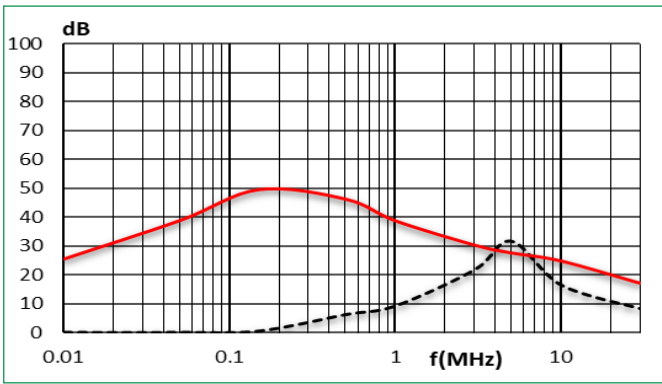
### 150A



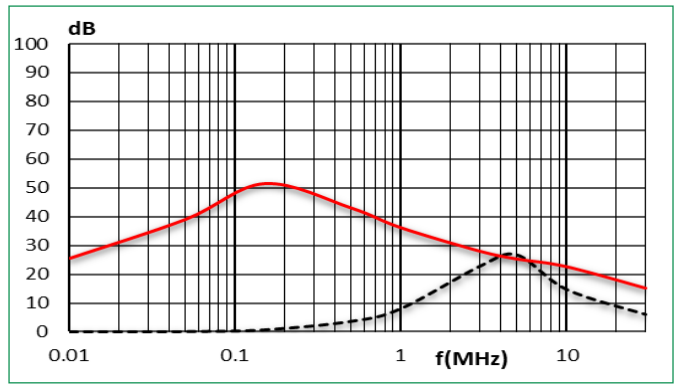
### 180A



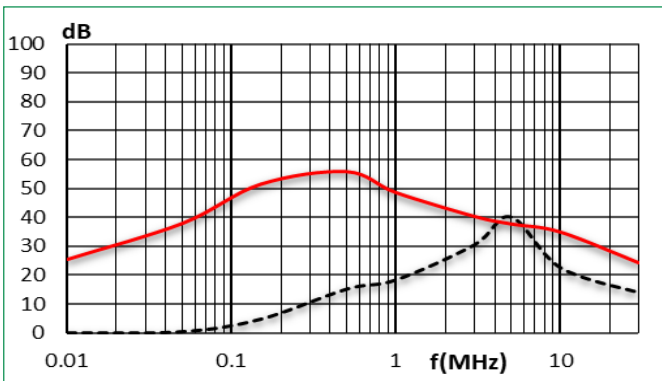
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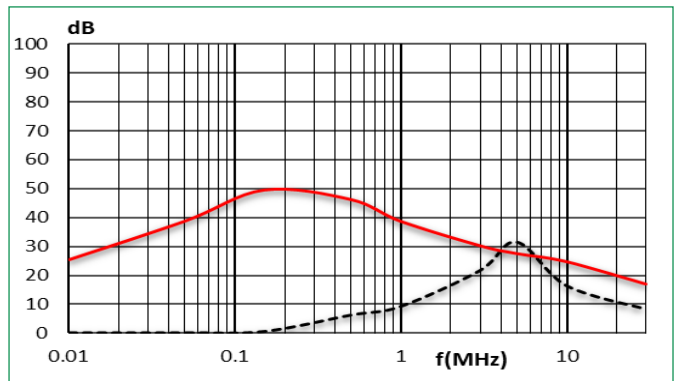
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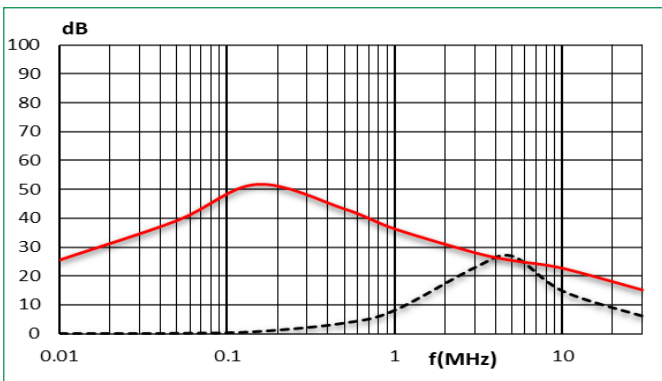
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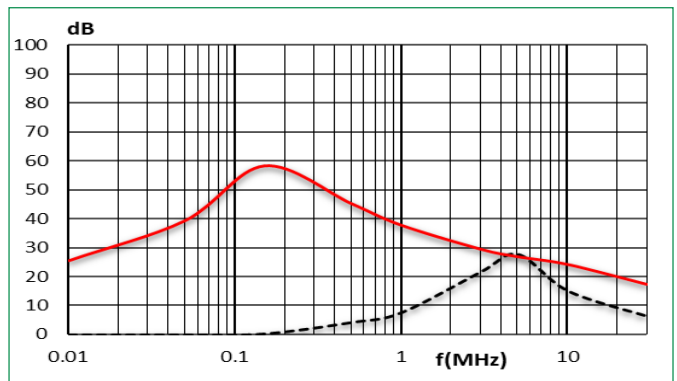
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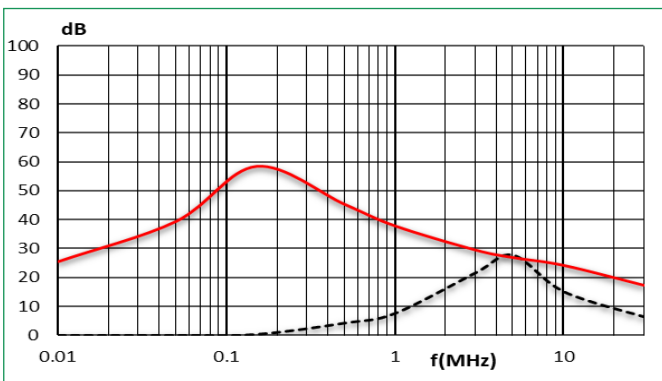
### 600A



### 700A



### 800A



### 1000A

