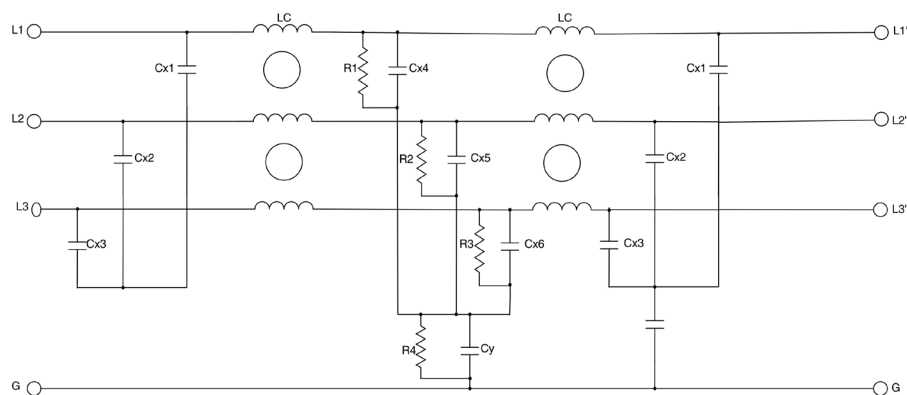



Features:

- 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 423-3-3D-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 CSA22.2 No 8-13
Flammability Corresponding to	: UL 94 V-0
Temperature Range	: -25°C to 85°C
Climatic Category	: 25/85/21

Selection Table

Model Number	Part Number	Rated Current @40°C	Leakage Current (mA)	Termination	Weight (Kgs)
MF423-3-3D-HV	E102618-1	6A	4	16	4.5
MF423-3-3D-HV	E102619-1	10A	4	16	4.5
MF423-3-3D-HV	E102620-1	16A	4	16	4.5
MF423-3-3D-HV	E102621-1	20A	4	16	5
MF423-3-3D-HV	E102622-1	25A	4	16	5
MF423-3-3D-HV	E102623-1	30A	4	16	5
MF423-3-3D-HV	E102624-1	40A	4	16	5.5
MF423-3-3D-HV	E102625-1	50A	5	16	9
MF423-3-3D-HV	E102626-1	63A	6	16	9
MF423-3-3D-HV	E102627-1	75A	6	16	12
MF423-3-3D-HV	E102628-1	80A	6	16	12
MF423-3-3D-HV	E102629-1	90A	6	25	12
MF423-3-3D-HV	E102630-1	100A	6	25	12
MF423-3-3D-HV	E102631-1	125A	6	M10 Stud	12
MF423-3-3D-HV	E102632-1	150A	6	M12 Stud	22
MF423-3-3D-HV	E102633-1	180A	6	M12 Stud	22
MF423-3-3D-HV	E102634-1	250A	6	M12 Stud	23
MF423-3-3D-HV	E102635-1	320A	6	Busbar - 6 x 25mm	15
MF423-3-3D-HV	E102636-1	400A	6	Busbar - 6 x 25mm	15
MF423-3-3D-HV	E102637-1	500A	6	Busbar -10 x 25mm	17
MF423-3-3D-HV	E102638-1	600A	6	Busbar -10 x 25mm	18
MF423-3-3D-HV	E102639-1	700A	6	Busbar -10 x 40mm	20
MF423-3-3D-HV	E102640-1	800A	6	Busbar -10 x 40mm	20
MF423-3-3D-HV	E102641-1	1000A	6	Busbar -10 x 40mm	20

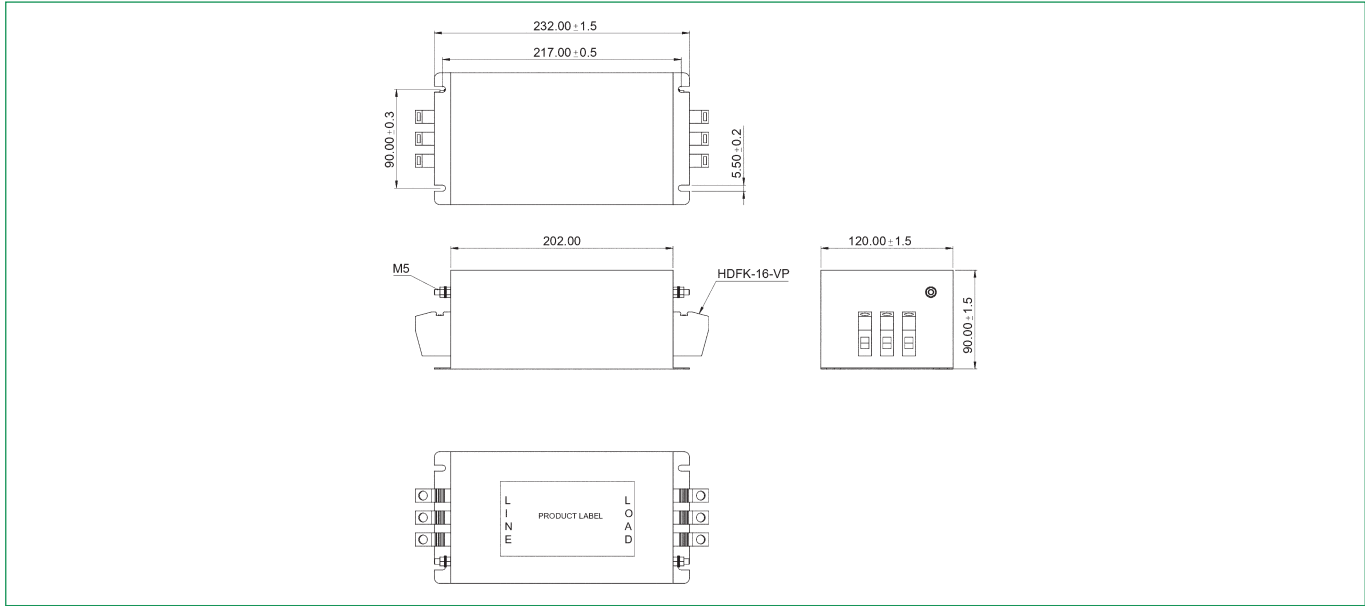
Connector Details

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

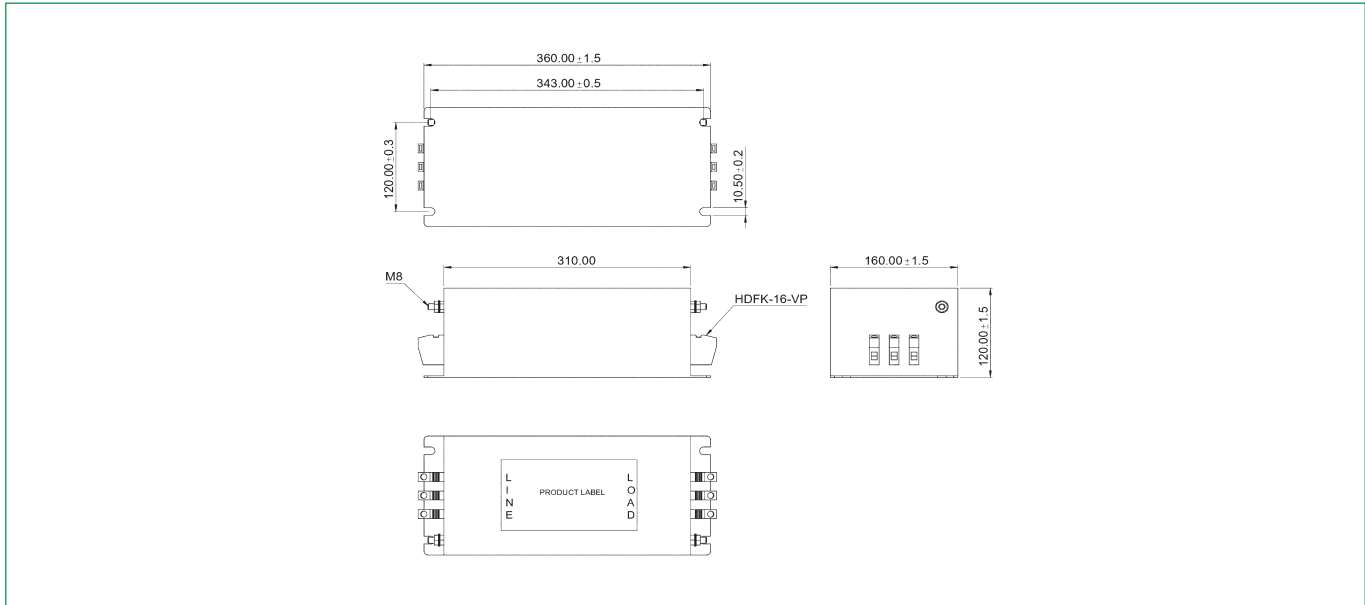
Screw Details

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

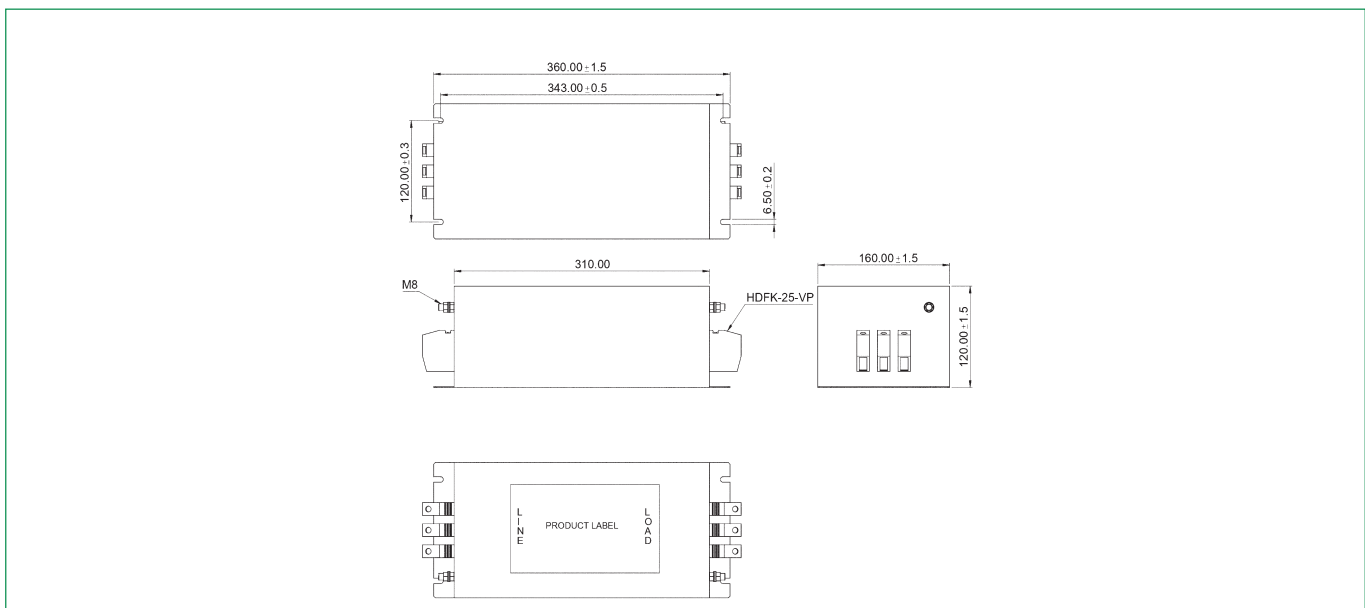
**Mechanical Drawing:
6A-40A**



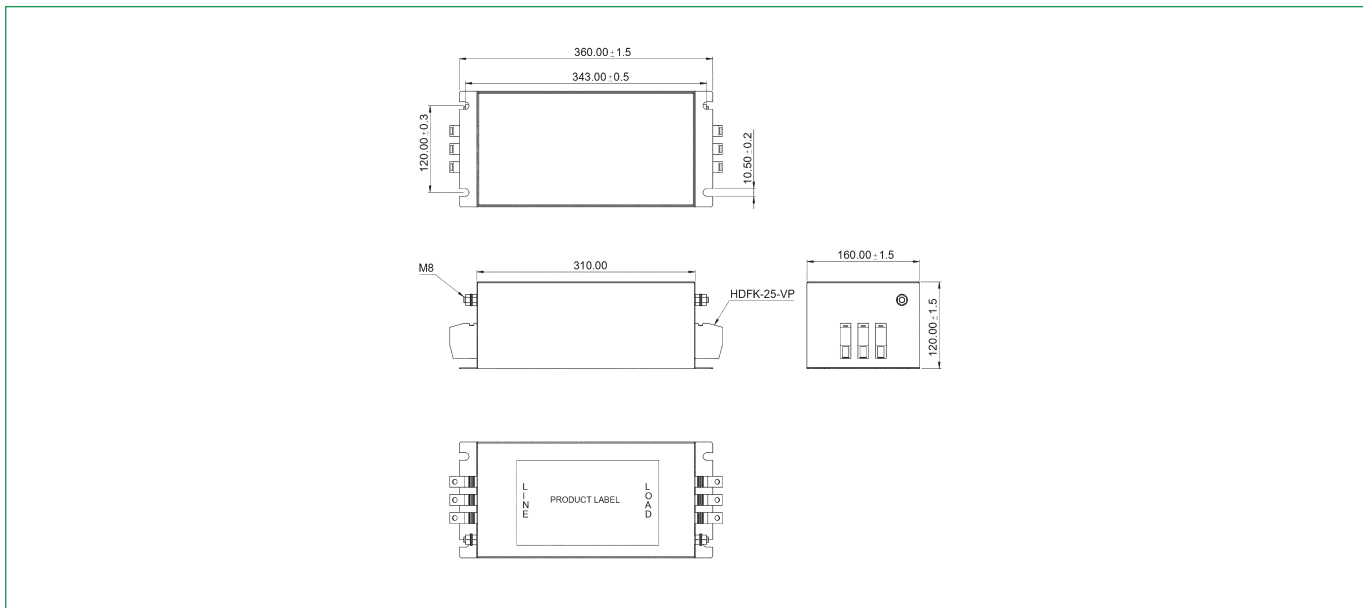
50A-80A



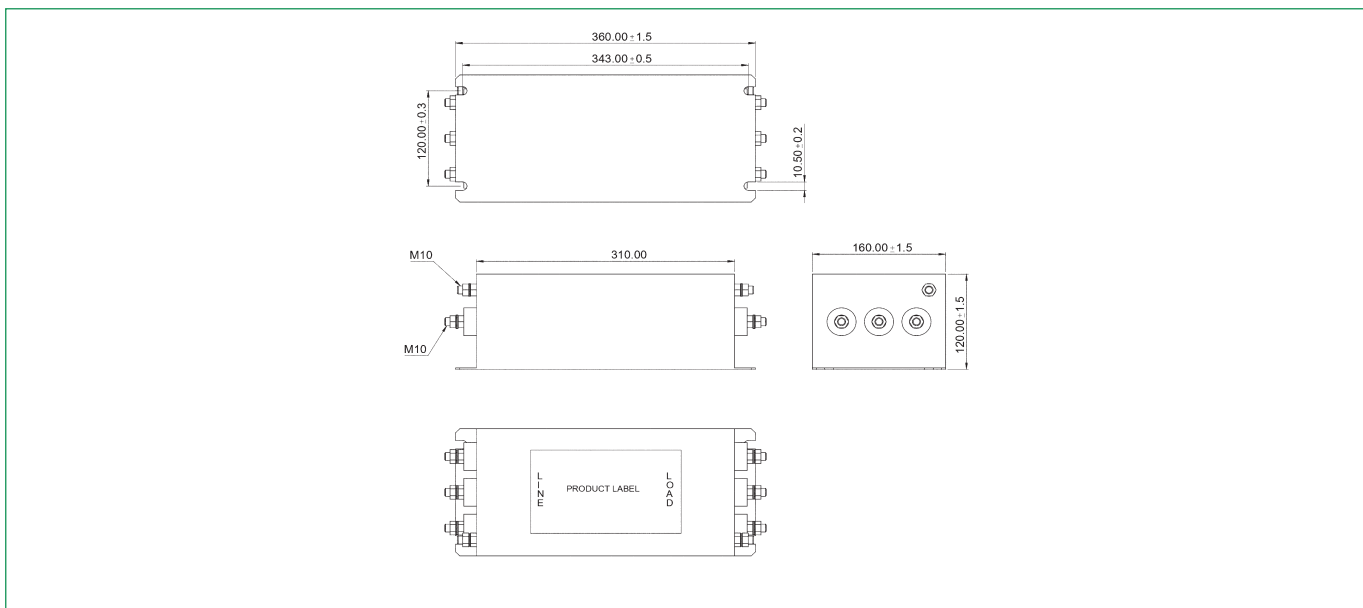
90A



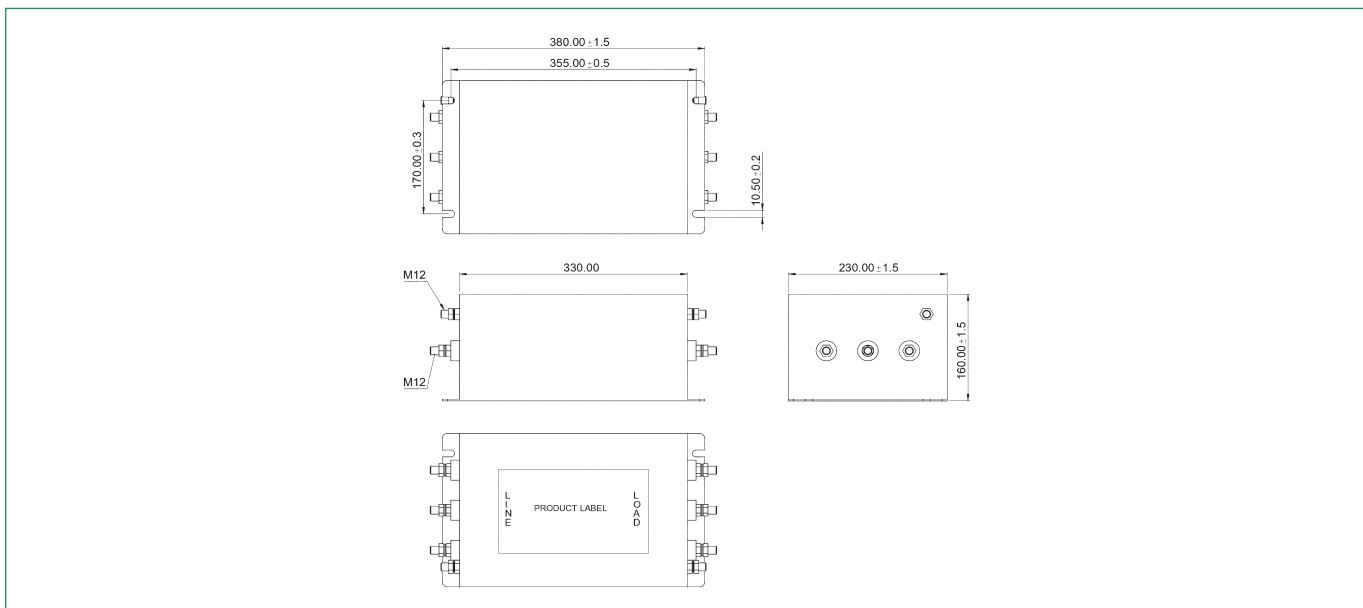
100A



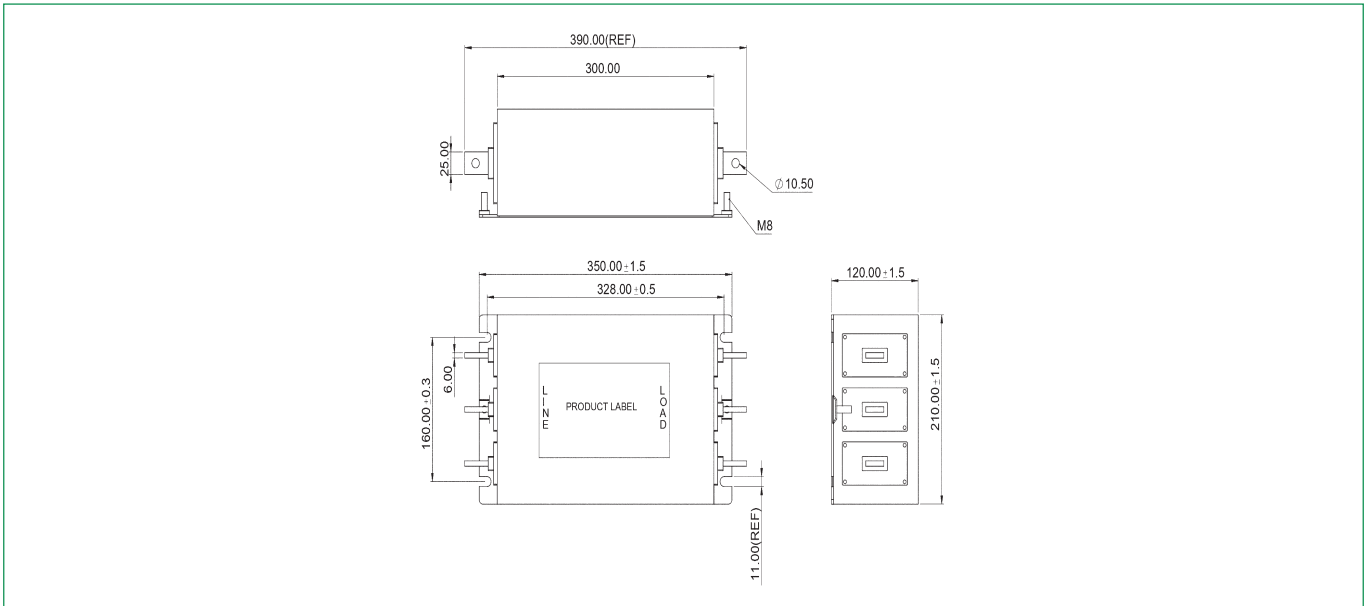
125A



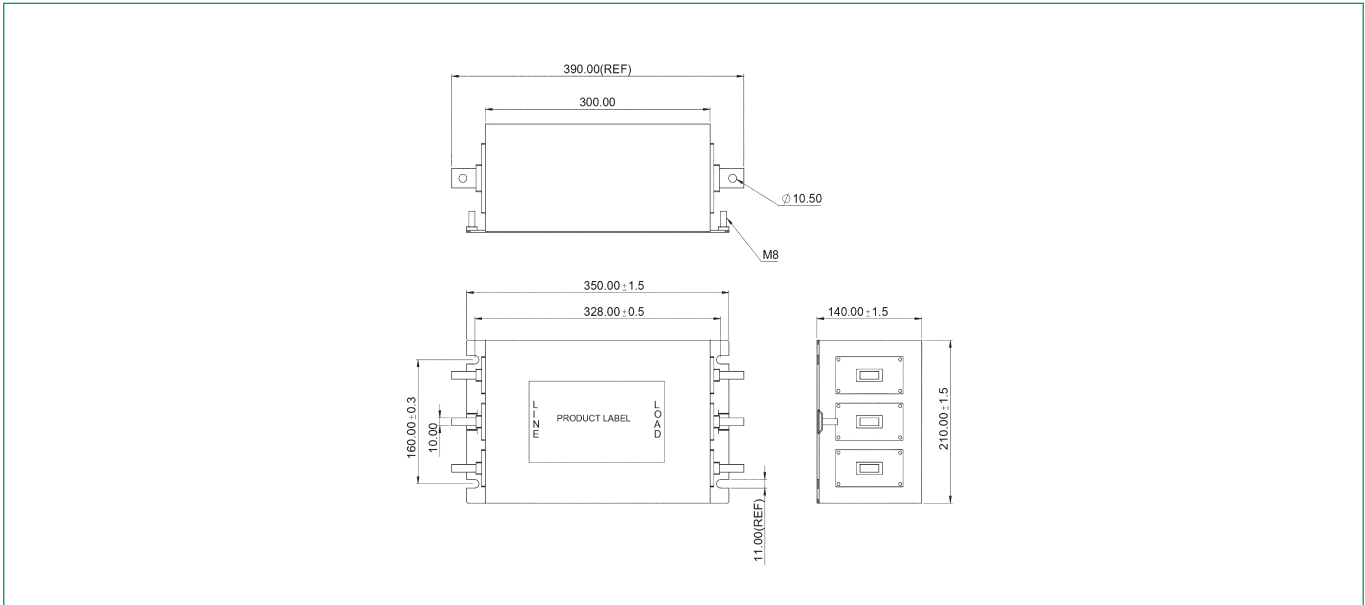
150A-250A



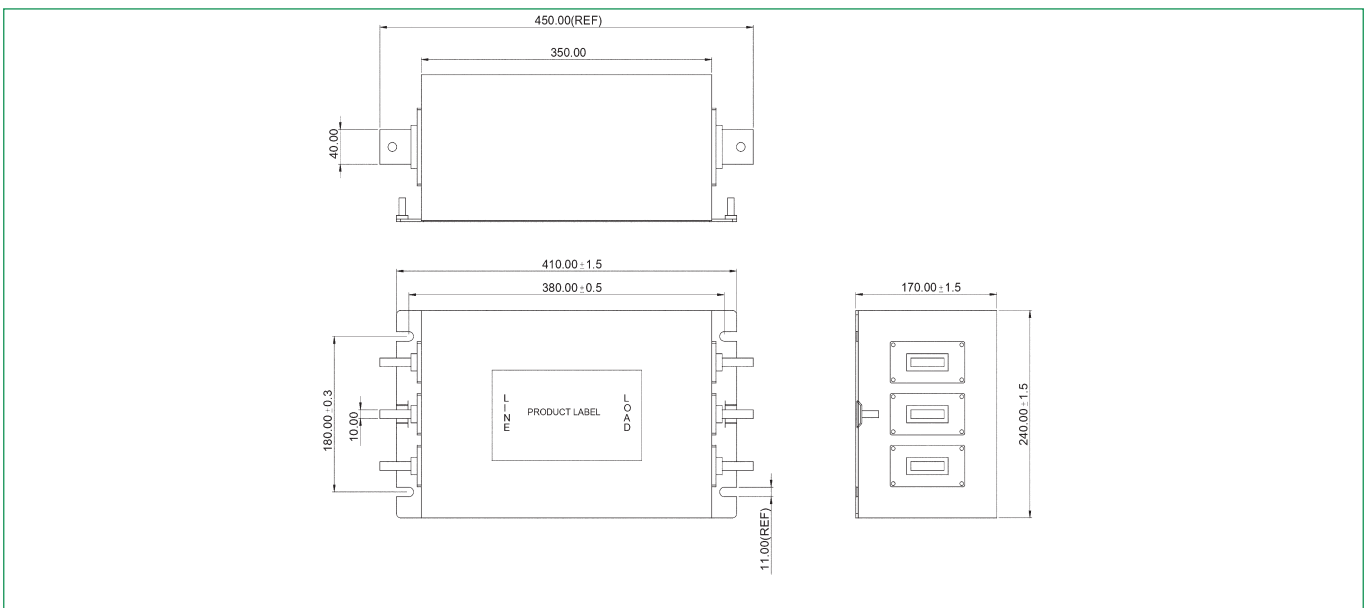
320A-400A



500A-600A



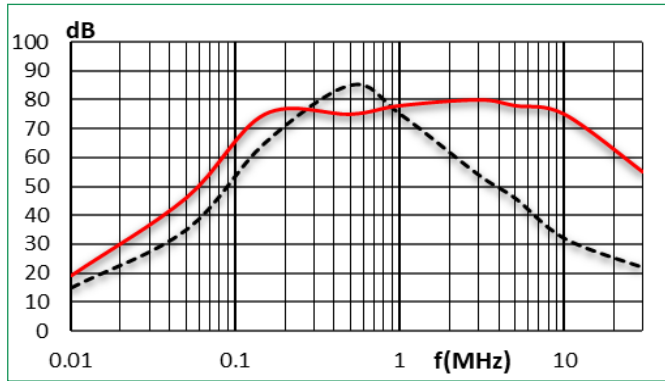
700A-1000A



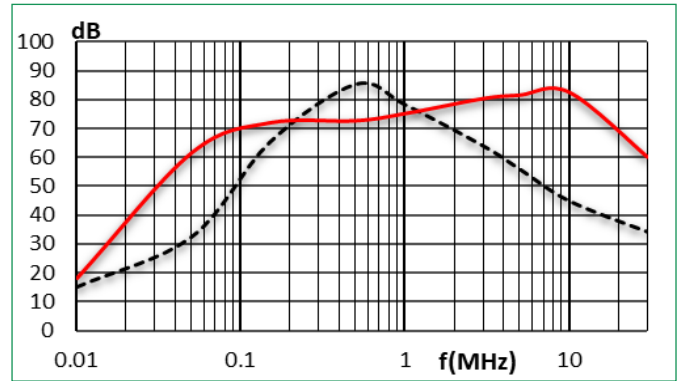
Insertion Loss : Common mode _____ Differential Mode

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

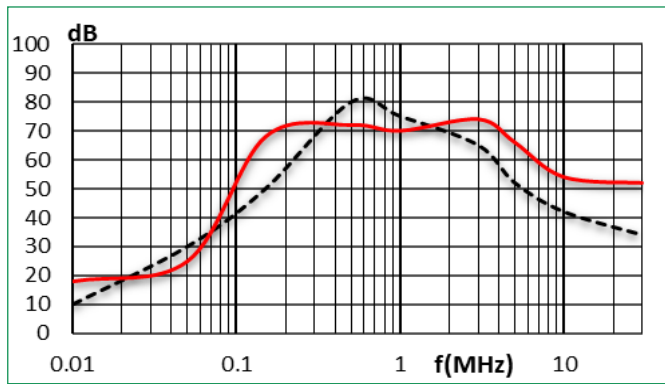
6A



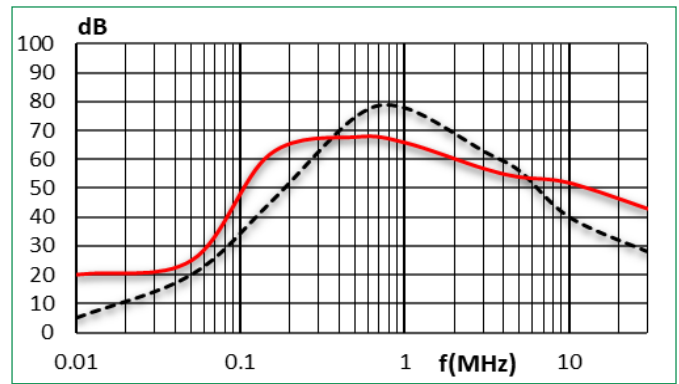
10A



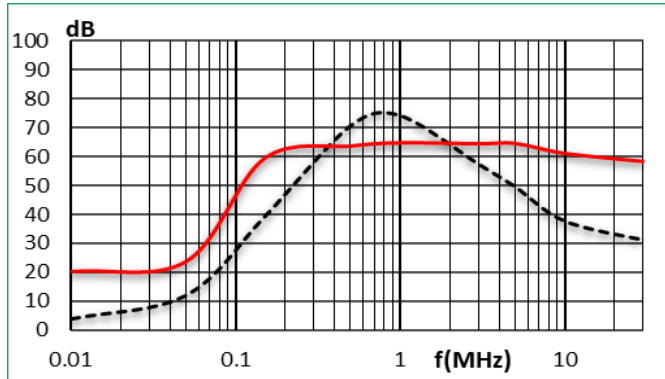
16A



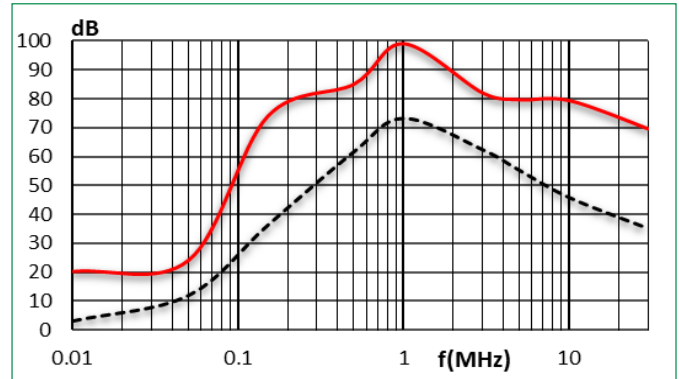
20A



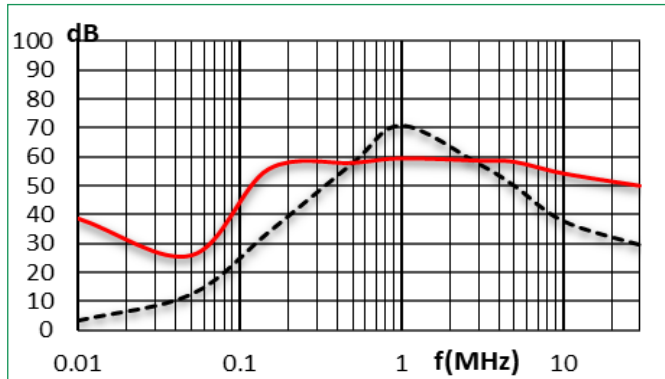
25A



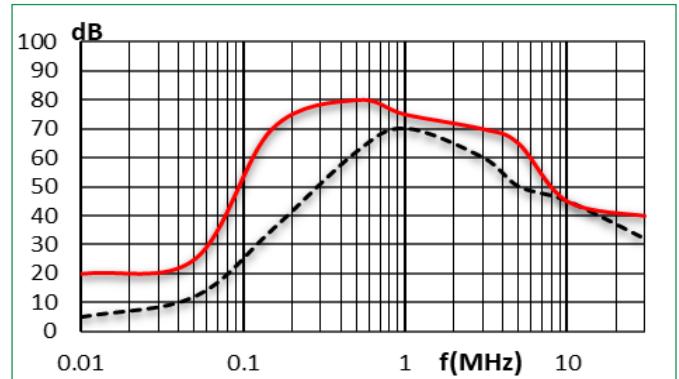
30A



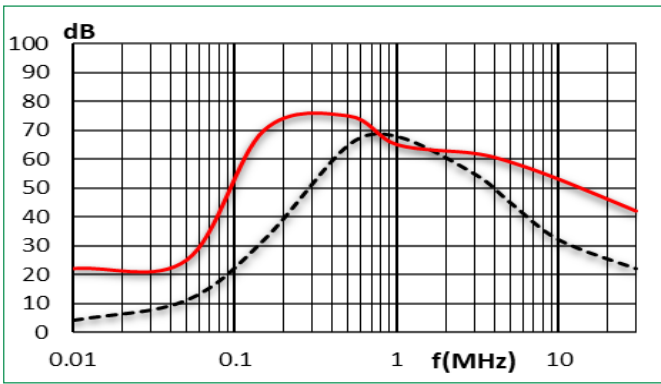
40A



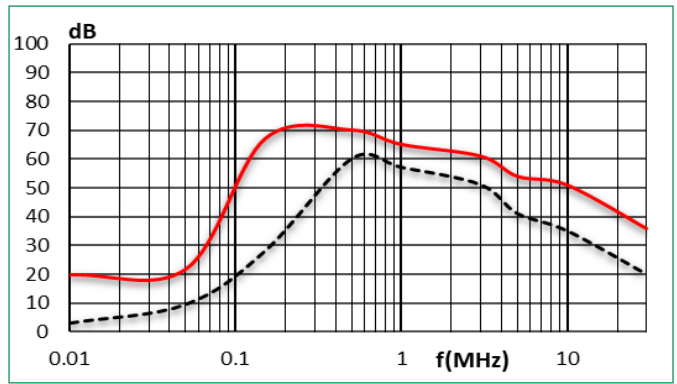
50A



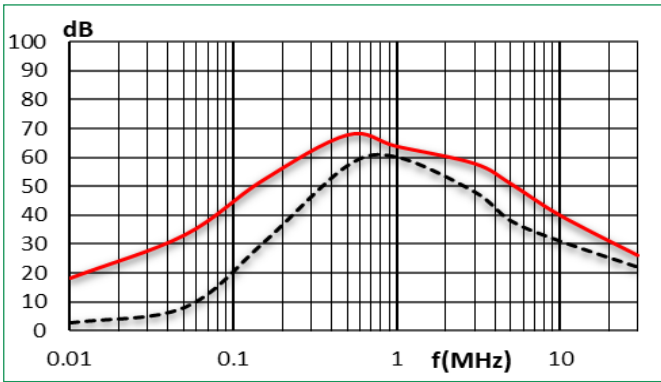
63A



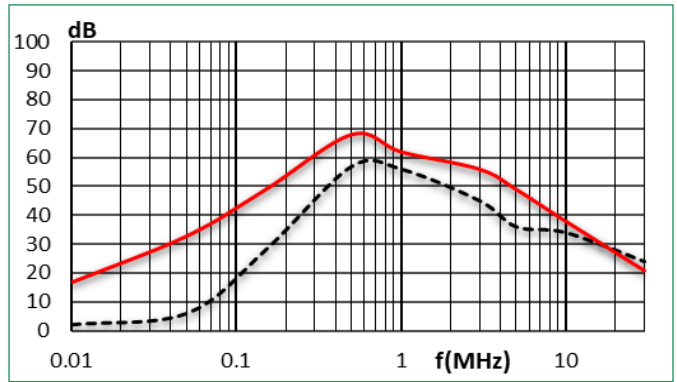
75A



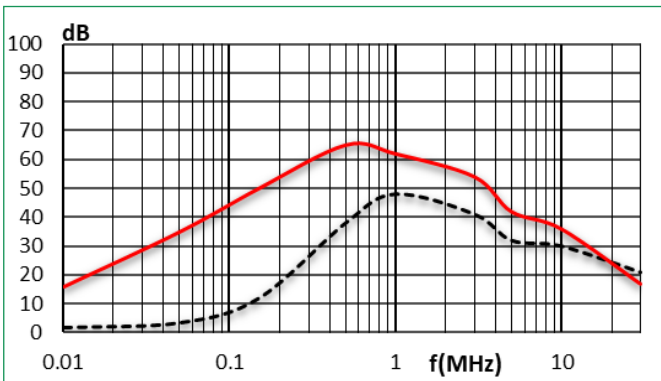
80A



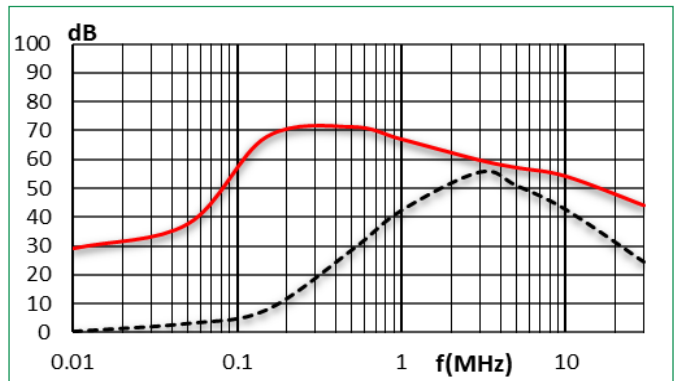
90A



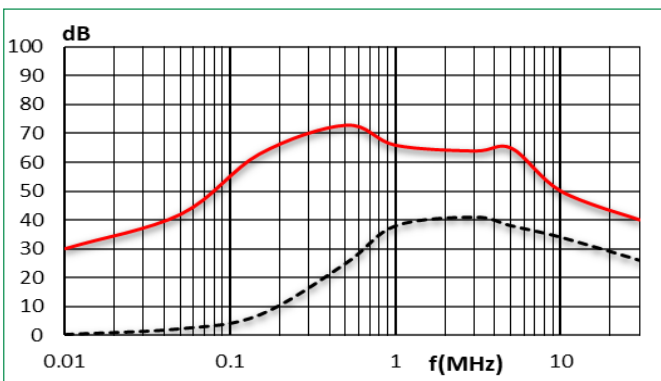
100A



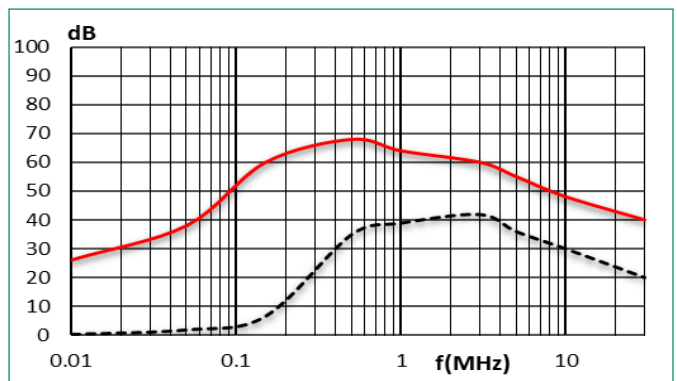
125A



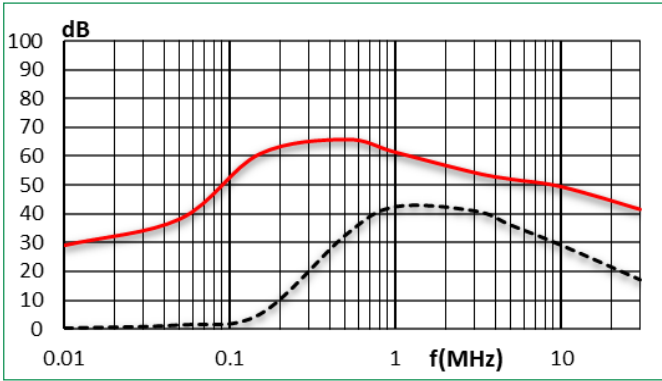
150A



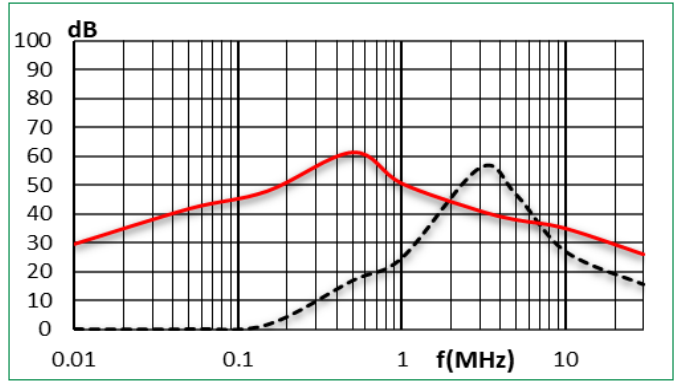
180A



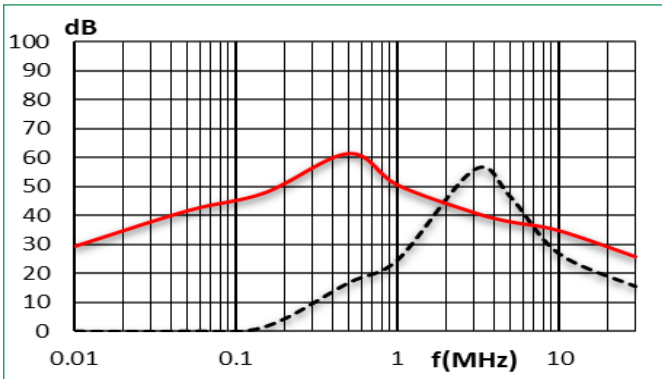
250A



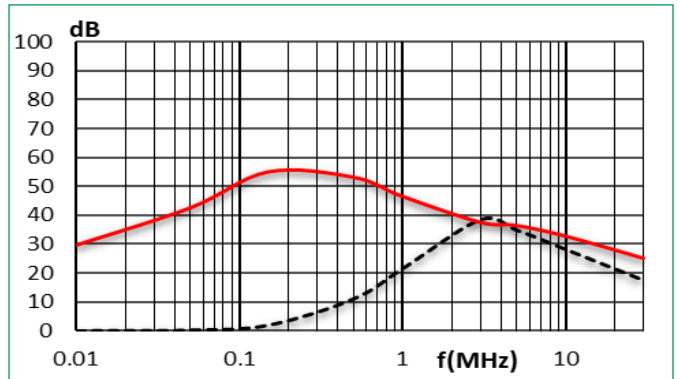
320A



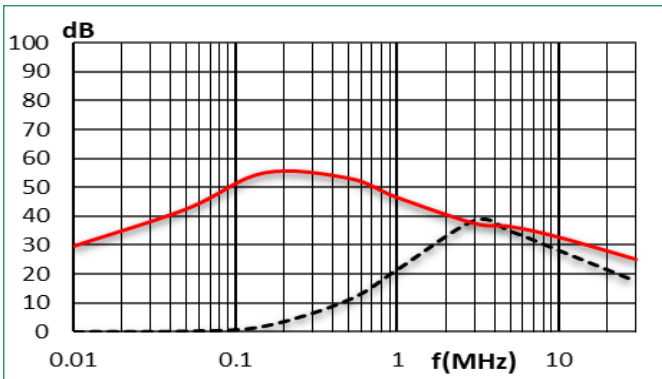
400A



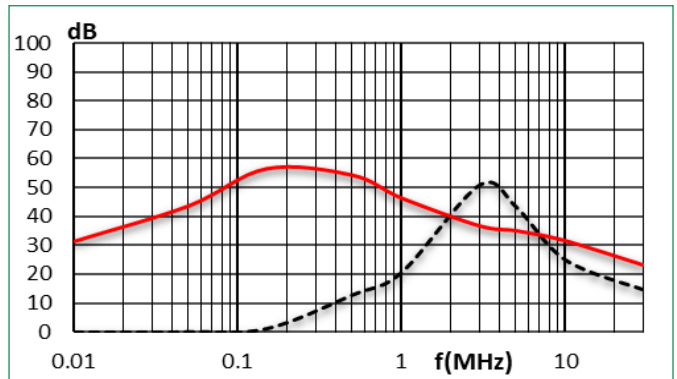
500A



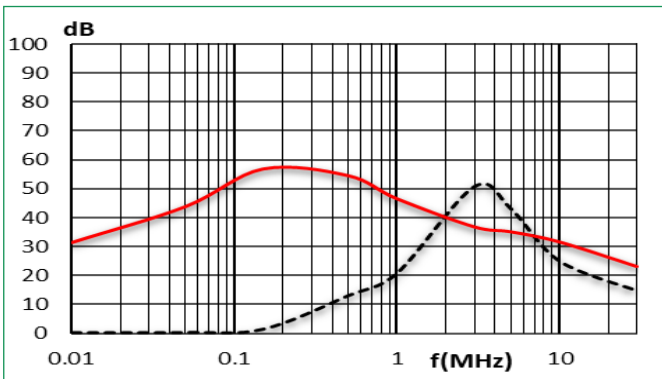
600A



700A



800A



1000A

