

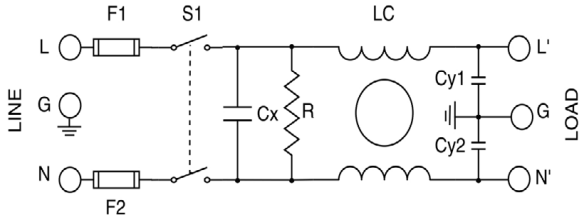
Features

- Integral IEC Connector
- Rated up to 10A
- High Conducted attenuation performance
- Medical “B” versions with ultra-low leakage

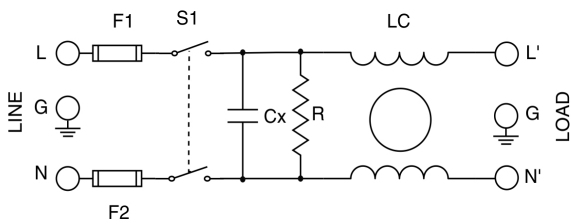
Applications

- Medical Application
- Electrical & Electronic Equipment’s
- Testing & Measurement Equipment
- Household equipment

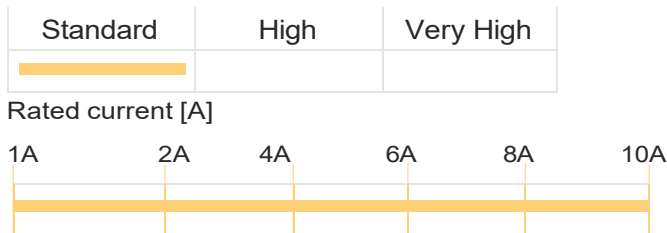
Typical Circuit Diagram



Typical Circuit Diagram (Medical Version)



Performance Indicator



Approvals & Compliances



Technical Specifications

Maximum Continuous Operating Voltage	250VAC, 50/60Hz (UL Approval) 250VDC
Operating Frequency	50/60Hz
Current ratings	1A to 100A @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

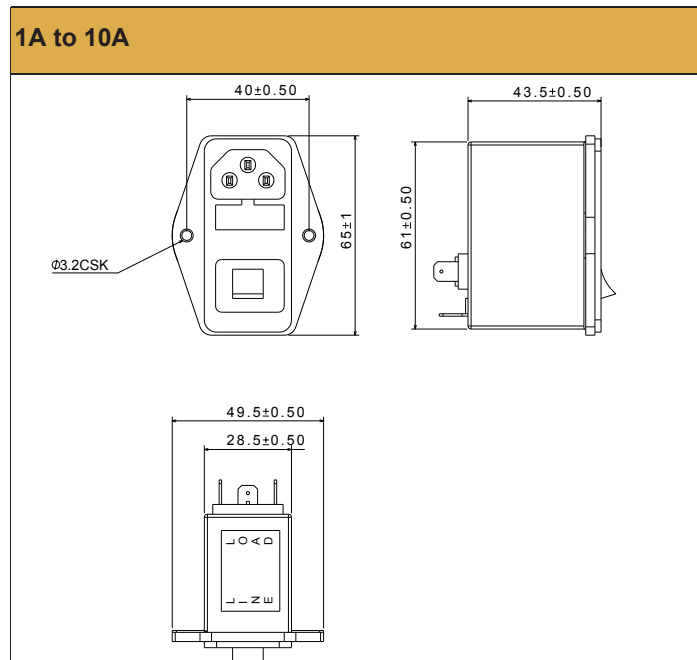
Selection Table

Available Part Number	Rated Current @40°C	Leakage Current (mA) @250VAC/50Hz	Termination	Weight (Grams)
AMI-9184-1-1	1A	0.34	Fastons 6.3 X 0.8mm	120
AMI-9184-3-1	3A	0.34	Fastons 6.3 X 0.8mm	120
AMI-9184-6-1	6A	0.34	Fastons 6.3 X 0.8mm	120
AMI-9184-10-1	10A	0.34	Fastons 6.3 X 0.8mm	120

Selection Table/Medical Version

Available Part Number	Rated Current @40°C	Leakage Current @250VAC (µA)	Termination	Weight (Grams)
AMI-9184B-1-1	1A	<5	Fastons 6.3 X 0.8mm	120
AMI-9184B-3-1	3A	<5	Fastons 6.3 X 0.8mm	120
AMI-9184B-6-1	6A	<5	Fastons 6.3 X 0.8mm	120
AMI-9184B-10-1	10A	<5	Fastons 6.3 X 0.8mm	120

Mechanical Drawing

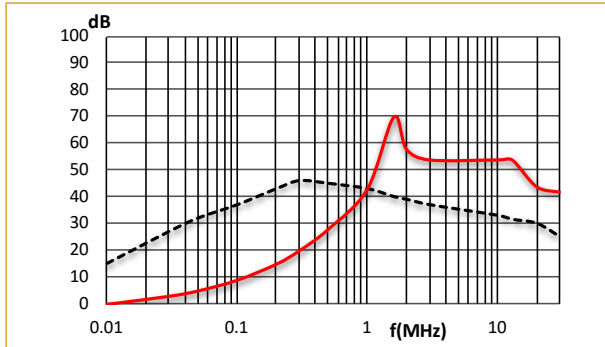


Typical Insertion Loss

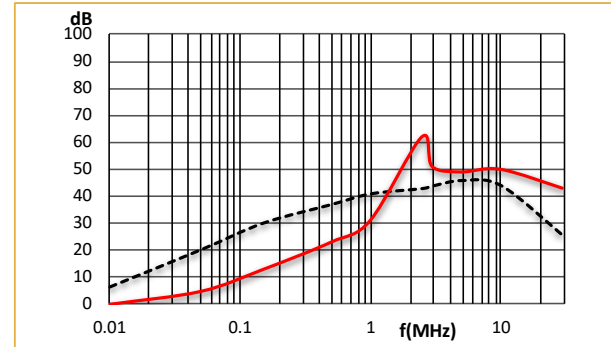
According to CISPR17 in 50 Ω system

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

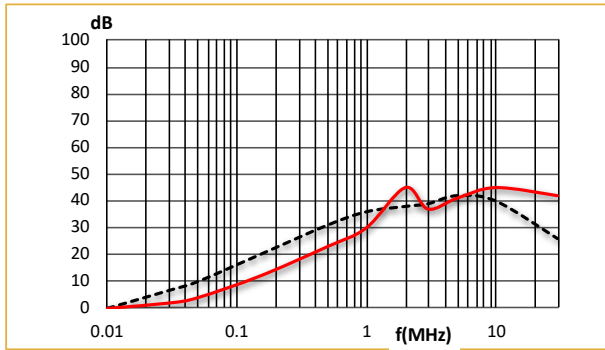
1A



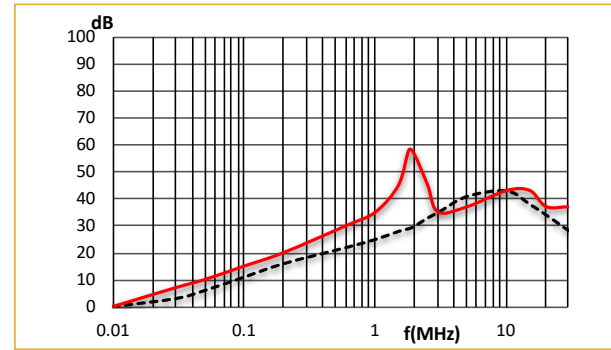
3A



6A



10A



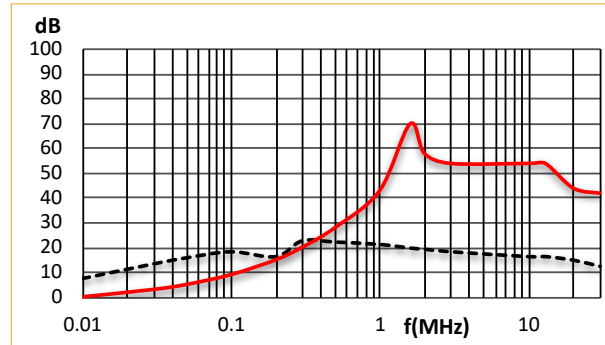
Typical Insertion Loss

(Medical Version)

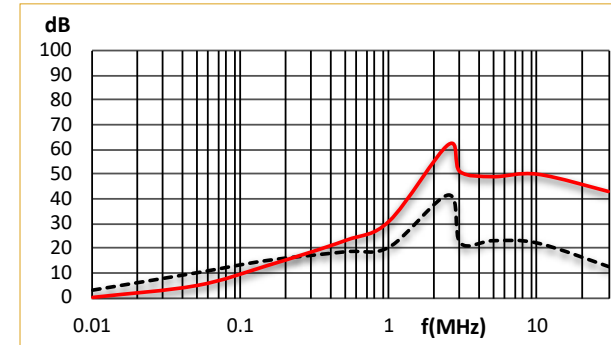
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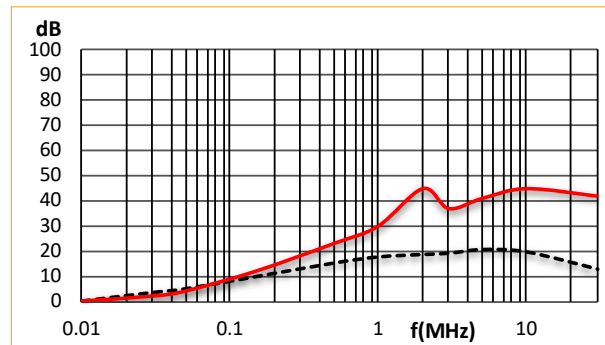
1A



3A



1A



3A

