

AGM Series

Single Phase Medical Grade EMI Filter

These series range of General Purpose filters are designed to suppress undesirable electrical disturbances in medical applications for low leakage requirements.



FEATURES

- Rated Current up to 50A
- Low Leakage
- High Conducted attenuation performance
- Chassis mounting

APPLICATIONS

- Diagnostic Equipment
- Surgical Beds
- X ray Machines
- Medical Applications

SERIES SPECIFICATIONS

Part No.	Rated current @40°C	Termination Tab	Screw	Weight (kg)
AGM-001	1A	6.3 x 0.8		0.06
AGM-002	2A	6.3 x 0.8		0.06
AGM-003	3A	6.3 x 0.8		0.06
AGM-006	6A	6.3 x 0.8		0.06
AGM-010	10A	6.3 x 0.8		0.06
AGM-015	15A	6.3 x 0.8		0.125
AGM-016	16A	6.3 x 0.8		0.125
AGM-020	20A	6.3 x 0.8		0.260
AGM-025	25A		M5	0.6
AGM-030	30A		M5	0.6
AGM-035	35A		M5	0.6
AGM-040	40A		M5	0.6
AGM-050	50A		M6	1

CHARACTERISTICS

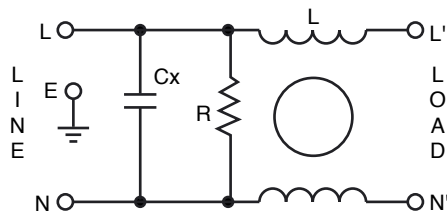
Max. Cont. Oper. Voltage	250VAC
Operating Frequency	50/60Hz
Current ratings	1A to 50A @40°C
High Potential test voltage	L to G 2120Vdc for 1 Minute; L to L 1414Vdc for 1 Minute
Design	Corresponding to UL 60939-3, CSA 22.2 No.8-13 and IEC 60939
Overload Capability	135% of Rated current for 15 minutes
Flammability	corresponding to UL 94 V-0
Temperature range	-25°C to +85°C
Climatic Category	25/85/21
Recommended Torque (Nm)	M5: 1.0-2.0; M6: 1.25 – 2.5

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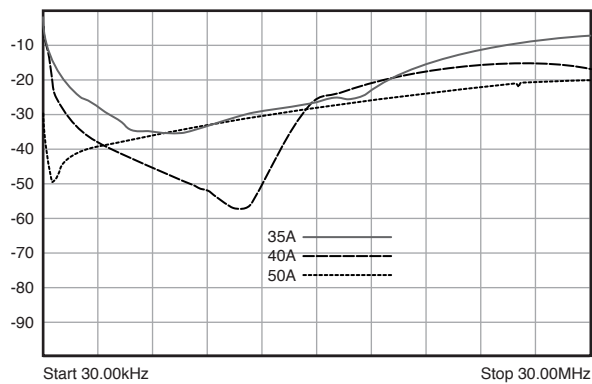
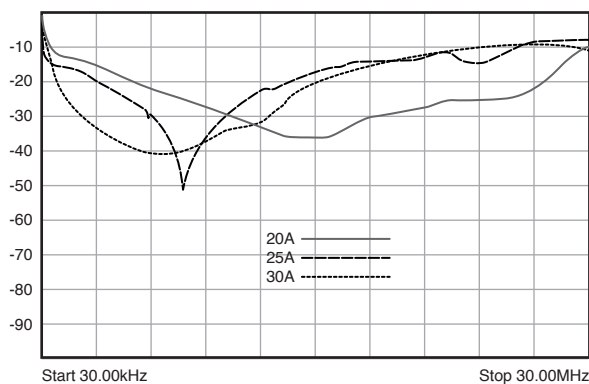
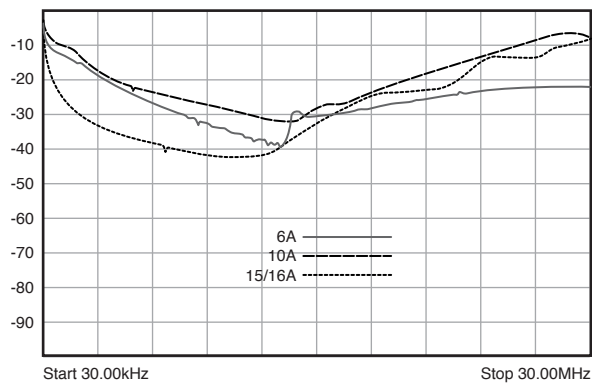
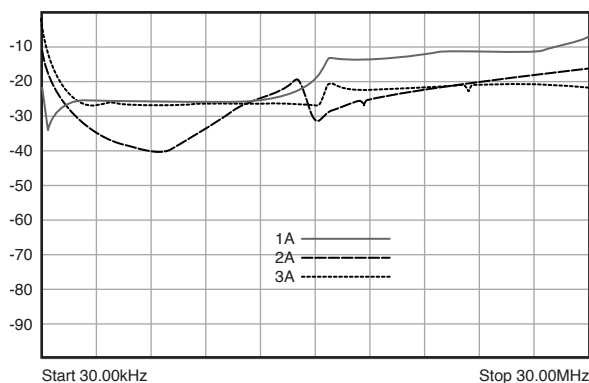
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CIRCUIT DIAGRAM



INSERTION LOSS



(continued)

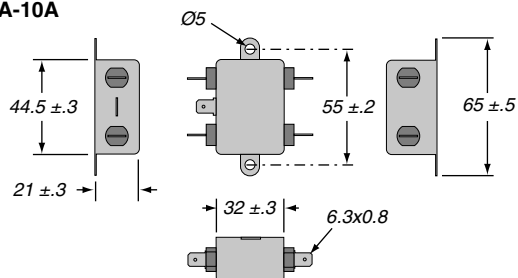
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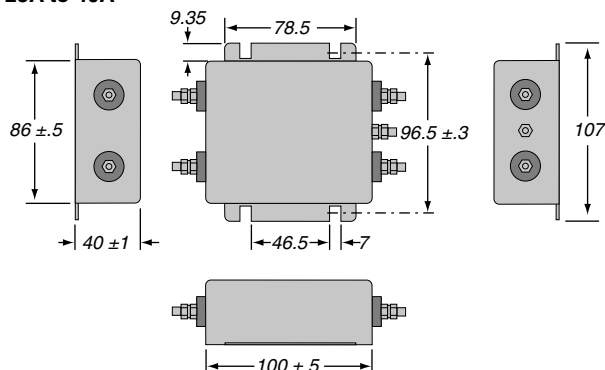
DIMENSIONS

All dimensions in mm; Tolerances according to ISO2768-m

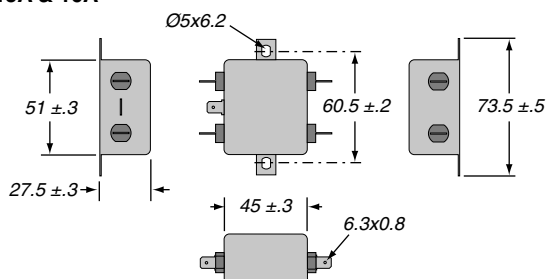
1A-10A



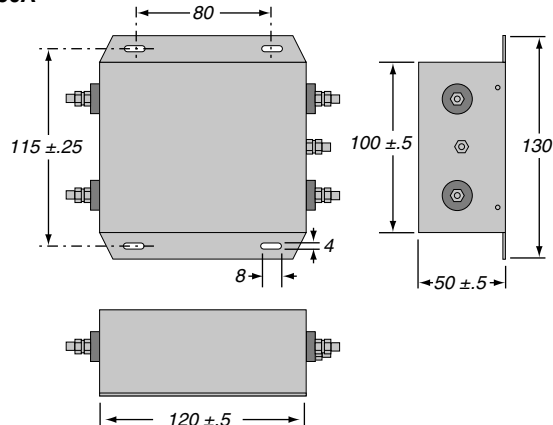
25A to 40A



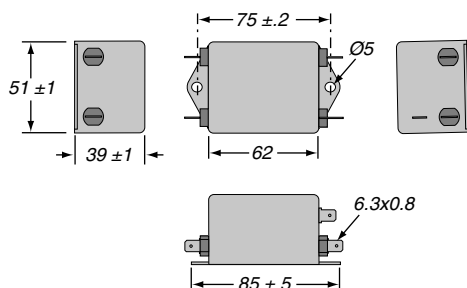
15A & 16A



50A



20A



ORDERING INFORMATION

AGM - 002

Series	Medical grade	Current rating
AGM	00	2

Standard part numbers

AGM-001
AGM-002
AGM-003
AGM-006
AGM-010
AGM-015
AGM-016
AGM-020
AGM-025
AGM-030
AGM-035
AGM-040
AGM-050

Mouser Electronics

Authorized Distributor

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