

AS809535 Series

Suppression Chokes



Features:

- A range of compact data line filters employing a high performance toroidal core.
- These chokes have a plastic carrier for ease of PCB mounting.
- Unique configuration.
- Ideal for EMI filters.
- Core is Ni-Zn ferrite.
- Base material is phenolic.
- Highly accurate dimensions and taped for automatic inserting.

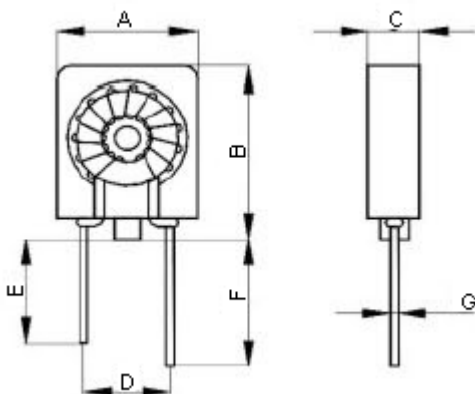
Applications:

- EMI line filter.
- Personal computers.
- Microcomputers and peripheral devices.
- VCD, DVD and TV circuit.
- Monitors.
- Keyboard/wireless keyboard.

Specifications:

Voltage rating : 50V.
 Current rating : 500mA.
 Operating temperature : -25°C to +85°C.

External Dimensions



A (Maximum)	B (Maximum)	C (Maximum)	D	E	F	G
8.0	9.5	3.5	5.0 ±0.5	15.5 ±1.0	19.5 ±1.0	0.6 ±0.3

Dimensions : Millimetres

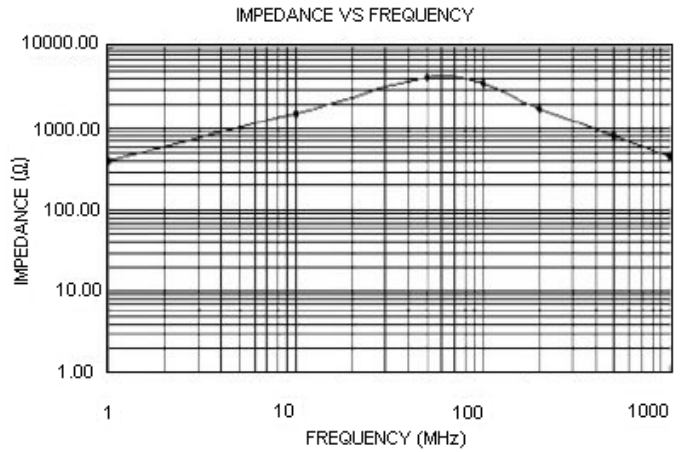
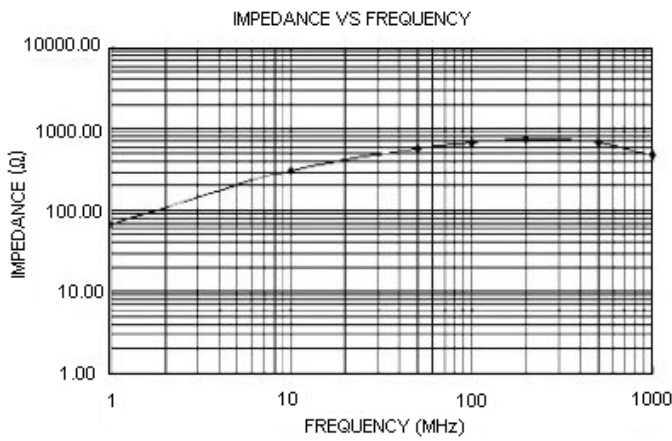


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Typical Curve



Specification Table

Inductance (μH)	Inductance Tolerance (%)	Resistance (mΩ)	Test Frequency (KHz)	Maximum Rated DC Current (A)	Rated Voltage (V)	Type	Part Number
5.6	±35	<25	1.0	0.5	50	Differential Mode	AS809535-100U
20.0		<35					AS809535-200U
56		<35					AS809535-560U

Note:

Test equipment : Inductance is measured with WK3260A Meter or equivalent.
 Tolerance of inductance : ±35%.
 Operating temperature range : -25°C to +85°C.



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Notes:

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