



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

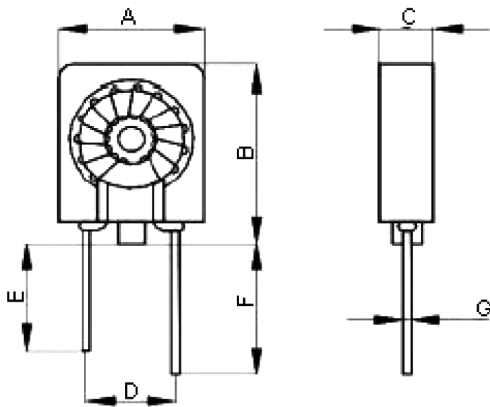
Applications

- 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

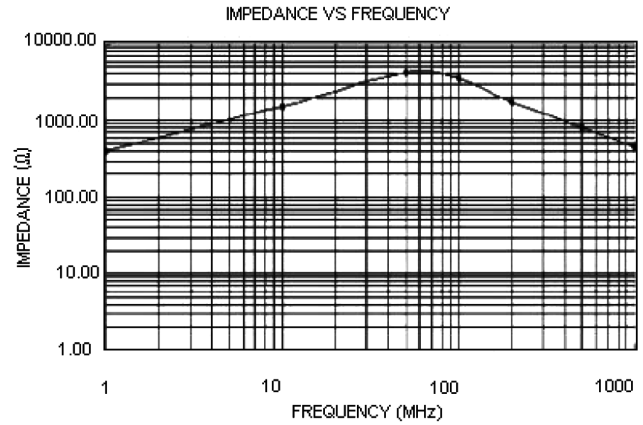
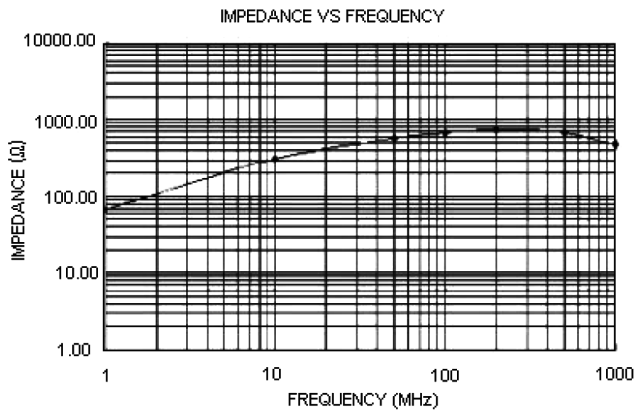
Diagram



A (Maximum)	B (Maximum)	C (Maximum)	D	E	F	G
8	9.5	3.5	5 ±0.5	15.5 ±1	19.5 ±1	0.6 ±0.3

Dimensions : Millimetres

Typical Curve



Specification Table

Inductance (μH)	Inductance Tolerance (%)	Resistance (mΩ)	Test Frequency (kHz)	Maximum Rated DC Current (A)	Rated Voltage (V)	Type	Part Number
20	±35	<35	1	0.5	50	Differential Mode	AS809535-200U

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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