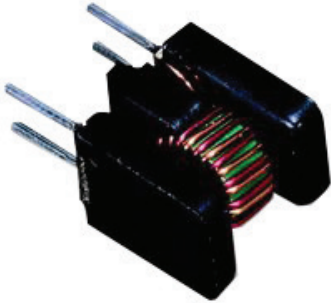


EMI Line Filter



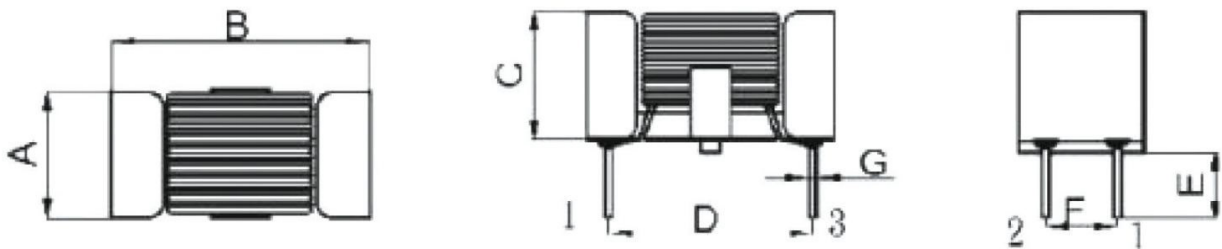
Features:

- Easy mounting on PC board
- L-element circuit ensures excellent attenuation characteristics over a wide frequency range
- Tolerance of Inductance : $\pm 35\%$
- Operating Temperature Range : $-25^{\circ}\text{C} +85^{\circ}\text{C}$

Application

- EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, etc.
- Countermeasures against common - mode noise at composite video signals

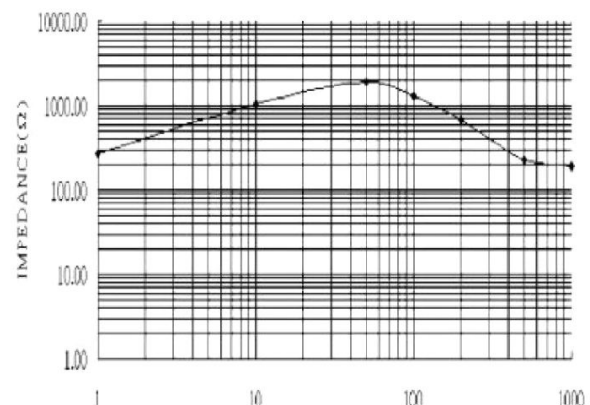
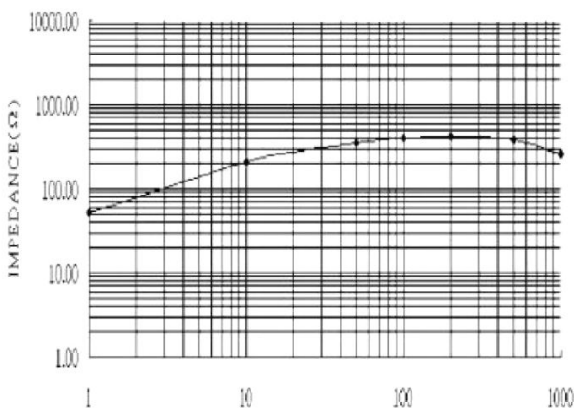
Dimension



Series	A (Max.)	B (Max.)	C (Max.)	D	E	F	G
MCAS648075	6.4	7.5	8	5.08 ± 0.5	3.5 ± 1	2.54 ± 0.3	0.6 ± 0.1

Dimensions : (Millimetres)

Typical Curve



Electrical Characteristics

Part Number	Inductance (μ H)	Test Frequency (KHz)	Rated DC Current (A) Max.	Rated Voltage (V)	DC Resistance (Ω) Max.
MCAS648075-150U	15	1	0.5	50	30
MCAS648075-400U	40				45
MCAS648075-600U	60				55
MCAS648075-800U	80				65

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.