

### Features

- Open Magnetic circuit construction
- Compact and thin
- Mn-Zn material core
- Available in various sizes

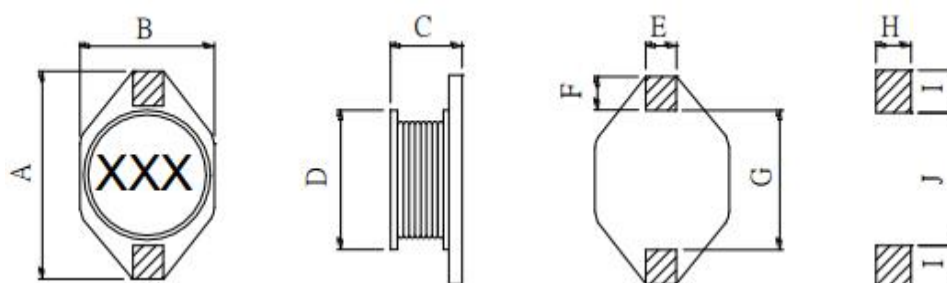
### Application

- Notebook, VGA card, DC/DC converter, PDA

### Tolerance

- ( K 10%, L 15%, M 20%)

### Configurations & Dimensions



HC0403

### Dimensions

### Chip Size

### Units:mm

TYPE	A	B	C	D	E	F	G	H	I	J
HC0403	6.5max	4.45max	2.9max	4	1.3	1	4.32	2.50	1.6	3.9

Design as Customer's Requested Specifications.



## Specifications HC0403

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (KHz)	DCR (Ω) max	Isat (A) max	Irms (A) max
HC0403-1R0M	1.0	20	0.1V/100	0.060	2.90	2.00
HC0403-1R5M	1.5	20	0.1V/100	0.060	2.60	1.80
HC0403-2R2M	2.2	20	0.1V/100	0.07	2.30	1.60
HC0403-3R3M	3.3	20	0.1V/100	0.08	2.00	1.40
HC0403-4R7M	4.7	20	0.1V/100	0.14	1.50	1.00
HC0403-5R0M	5.0	20	0.1V/100	0.14	1.45	0.95
HC0403-5R4M	5.4	20	0.1V/100	0.14	1.40	0.90
HC0403-6R8M	6.8	20	0.1V/100	0.16	1.20	0.84
HC0403-100M	10	20	0.1V/100	0.20	1.10	0.77
HC0403-150M	15	20	0.1V/100	0.31	0.90	0.63
HC0403-220M	22	20	0.1V/100	0.43	0.70	0.49
HC0403-330M	33	20	0.1V/100	0.51	0.58	0.40
HC0403-470M	47	20	0.1V/100	0.84	0.50	0.35
HC0403-680M	68	20	0.1V/100	1.22	0.40	0.28
HC0403-101M	100	20	0.1V/100	1.77	0.31	0.21
HC0403-151M	150	20	0.1V/100	2.40	0.27	0.18
HC0403-221M	220	20	0.1V/100	3.76	0.22	0.15
HC0403-331M	330	20	0.1V/100	5.71	0.18	0.13
HC0403-471M	470	20	0.1V/100	8.50	0.16	0.11
HC0403-681M	680	20	0.1V/100	11.23	0.14	0.10
HC0403-102M	1000	20	0.1V/100	19.50	0.10	0.07

Note: Isat: Based on inductance change ( $\Delta L/L_0: \leq 30\%$ ) @ ambient temp. 25°C