



### Features

- Magnetically shielded construction
- Compact and thin
- Large Current and Low DCR

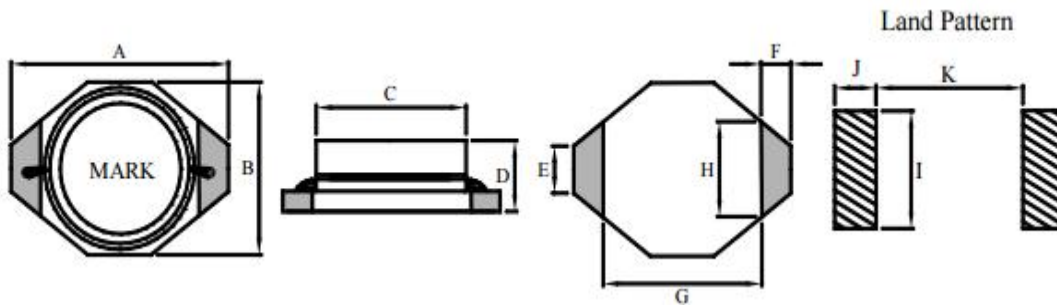
### Application

- Notebook, DC/DC converter, Communication products

### Tolerance

- ( K 10%, L 15%, M 20%, N 30% )

## Configurations & Dimensions



HC403R

### Dimensions

### Chip Size

### Units:mm

TYPE	A	B	C±0.3	D	E±0.3	F±0.3	G±0.3	H±0.3	I
HC0403R	6.5max	4.45max	4	2.9max	1.27	1.02	4.32	2.50	3.56

Design as Customer's Requested Specifications.



## Speciflcations HC0403R

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (KHz)	DCR (Ω) max	Isat (A) max
HC0403R-1R0N	1.0	30	0.1V/100	0.050	2.000
HC0403R-1R5N	1.5	30	0.1V/100	0.070	1.650
HC0403R-2R2N	2.2	30	0.1V/100	0.065	1.450
HC0403R-3R3N	3.3	30	0.1V/100	0.082	1.150
HC0403R-4R7N	4.7	30	0.1V/100	0.088	1.000
HC0403R-6R8N	6.8	30	0.1V/100	0.085	0.800
HC0403R-100M	10	20	0.1V/100	0.098	0.600
HC0403R-150M	15	20	0.1V/100	0.178	0.500
HC0403R-220M	22	20	0.1V/100	0.240	0.420
HC0403-330M	33	20	0.1V/100	0.252	0.350
HC0403R-470M	47	20	0.1V/100	0.343	0.280
HC0403R-680M	68	20	0.1V/100	0.514	0.250
HC0403R-101M	100	20	0.1V/100	0.788	0.200
HC0403R-151M	150	20	0.1V/100	1.040	0.150
HC0403R-221M	220	20	0.1V/100	1.520	0.130
HC0403R-331M	330	20	0.1V/100	2.640	0.110
HC0403R-471M	470	20	0.1V/100	3.780	0.090
HC0403R-681M	680	20	0.1V/100	5.250	0.075
HC0403R-821M	820	20	0.1V/100	7.000	0.007
HC0403R-102M	1000	20	0.1V/100	7.040	0.065

**Note:** Isat: Based on inductance change ( $\Delta L/L_0: \leq 10\%$ ) @ ambient temp. 25°C