



Features

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

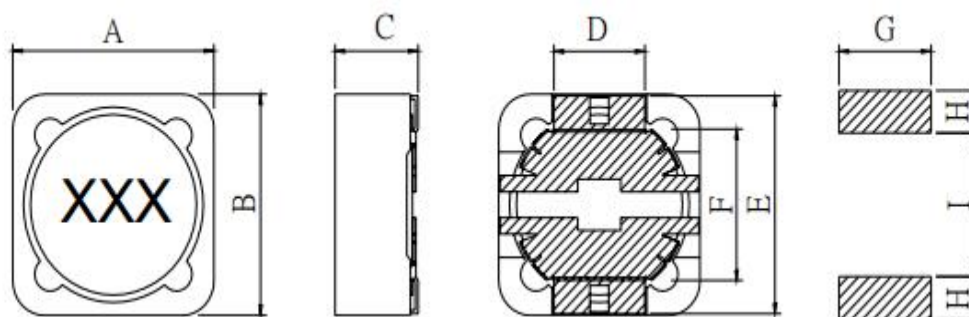
Application

- VTR, OA equipment, LCD television set, Notebook, portable communication equipments, DC/DC converters, etc..

Tolerance

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

Configurations & Dimensions



Dimensions

Chip Size

Units:mm

TYPE	A	B	C	D	E	F	G	H	I
HC73R	7.3±0.2	7.3±0.2	3.5±0.2	2	7.25	5.0	2.3	1.6	4.8
HC74R	7.3±0.2	7.3±0.2	4.2±0.2	2	7.25	5.0	2.3	1.6	4.8

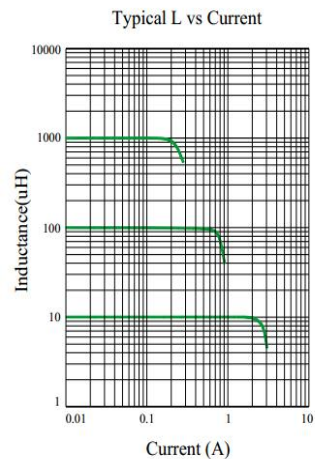
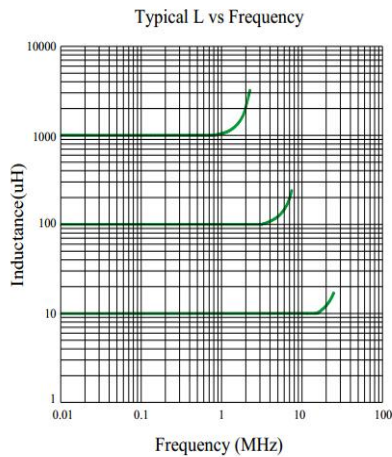
Design as Customer's Requested Specifications.



Specifications HC73R

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (KHz)	DCR (Ω) max	Isat (A) max
HC73R-6R8M	6.8	20	0.1V/100	0.068	2.50
HC73R-100M	10	20	0.1V/100	0.072	1.68
HC73R-120M	12	20	0.1V/100	0.098	1.52
HC73R-150M	15	20	0.1V/100	0.13	1.33
HC73R-180M	18	20	0.1V/100	0.14	1.20
HC73R-220M	22	20	0.1V/100	0.19	1.07
HC73R-270M	27	20	0.1V/100	0.21	0.96
HC73R-330M	33	20	0.1V/100	0.24	0.91
HC73R-390M	39	20	0.1V/100	0.32	0.77
HC73R-470M	47	20	0.1V/100	0.36	0.76
HC73R-560M	56	20	0.1V/100	0.47	0.68
HC73R-680M	68	20	0.1V/100	0.52	0.61
HC73R-820M	82	20	0.1V/100	0.69	0.57
HC73R-101M	100	20	0.1V/100	0.79	0.50
HC73R-121M	120	20	0.1V/100	0.89	0.49
HC73R-151M	150	20	0.1V/100	1.27	0.43
HC73R-181M	180	20	0.1V/100	1.45	0.39
HC73R-221M	220	20	0.1V/100	1.65	0.35
HC73R-271M	270	20	0.1V/100	2.31	0.32
HC73R-331M	330	20	0.1V/100	2.62	0.28
HC73R-391M	390	20	0.1V/100	2.94	0.26
HC73R-471M	470	20	0.1V/100	4.18	0.24
HC73R-561M	560	20	0.1V/100	4.67	0.22
HC73R-681M	680	20	0.1V/100	5.73	0.19
HC73R-821M	820	20	0.1V/100	6.54	0.18
HC73R-102M	1000	20	0.1V/100	9.44	0.16

Note: Isat:Based on inductance change ($\Delta L/L_0 \leq 35\%$)@ambient temp.25°C





Specifications HC74R

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (KHz)	DCR (Ω) max	Isat (A) max
HC74R-100M	10	20	0.1V/100	0.061	1.84
HC74R-120M	12	20	0.1V/100	0.063	1.71
HC74R-150M	15	20	0.1V/100	0.081	1.47
HC74R-180M	18	20	0.1V/100	0.091	1.31
HC74R-220M	22	20	0.1V/100	0.11	1.23
HC74R-270M	27	20	0.1V/100	0.15	1.12
HC74R-330M	33	20	0.1V/100	0.17	0.96
HC74R-390M	39	20	0.1V/100	0.23	0.91
HC74R-470M	47	20	0.1V/100	0.26	0.88
HC74R-560M	56	20	0.1V/100	0.35	0.75
HC74R-680M	68	20	0.1V/100	0.38	0.69
HC74R-820M	82	20	0.1V/100	0.45	0.61
HC74R-101M	100	20	0.1V/100	0.61	0.60
HC74R-121M	120	20	0.1V/100	0.66	0.52
HC74R-151M	150	20	0.1V/100	0.88	0.46
HC74R-181M	180	20	0.1V/100	0.98	0.42
HC74R-221M	220	20	0.1V/100	1.17	0.36
HC74R-271M	270	20	0.1V/100	1.64	0.34
HC74R-331M	330	20	0.1V/100	1.86	0.32
HC74R-391M	390	20	0.1V/100	2.85	0.29
HC74R-471M	470	20	0.1V/100	3.01	0.26
HC74R-561M	560	20	0.1V/100	3.62	0.23
HC74R-681M	680	20	0.1V/100	4.63	0.22
HC74R-821M	820	20	0.1V/100	5.20	0.20
HC74R-102M	1000	20	0.1V/100	6.00	0.18

Note: Isat:Based on inductance change ($\Delta L/L_0 \leq 35\%$)@ambient temp. 25°C

