

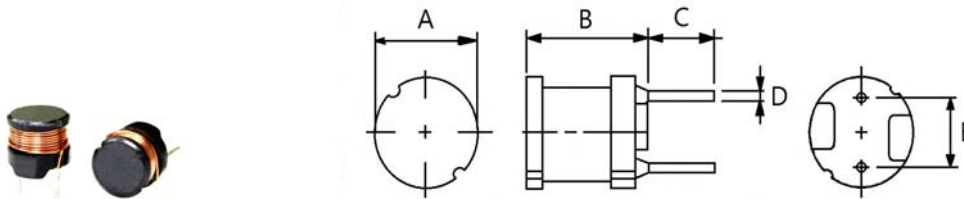
### Features

- Low cost, wide rage of inductance.
- Small mounting space required.
- Low DCR, large current, best for the pwer supply line.
- Lead-Free, Halogen-Free and RoHS compliant.

### Applications

- Power supplies, DC-DC converters, TVs, VTRs, computer peripherals, home electric appliance, etc..

### Shapes and Diemensions



Type	A	B	C	D	E			
RCH664	6.0 ± 0.5	6.8 max.	4.0 ± 1.0	0.50 ± 0.05	4.0 ±0.5			

### Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH664-1R0M	1.0 ± 20%	7.96 MHz	0.018	4.00
RCH664-1R3M	1.3 ± 20%	7.96 MHz	0.021	3.70
RCH664-1R7M	1.7 ± 20%	7.96 MHz	0.023	3.52
RCH664-2R2M	2.2 ± 20%	7.96 MHz	0.026	3.20
RCH664-2R7M	2.7 ± 20%	7.96 MHz	0.028	3.00
RCH664-3R3M	3.3 ± 20%	7.96 MHz	0.031	2.83
RCH664-3R9M	3.9 ± 20%	7.96 MHz	0.033	2.63
RCH664-4R7M	4.7 ± 20%	7.96 MHz	0.036	2.43
RCH664-5R5M	5.5 ± 20%	7.96 MHz	0.040	2.30
RCH664-6R3M	6.3 ± 20%	7.96 MHz	0.043	2.14
RCH664-7R2M	7.2 ± 20%	7.96 MHz	0.046	2.09
RCH664-8R1M	8.1 ± 20%	7.96 MHz	0.050	1.99
RCH664-9R1M	9.1 ± 20%	7.96 MHz	0.053	1.86
RCH664-100M	10 ± 20%	7.96 MHz	0.057	1.75
RCH664-110L	11 ± 15%	2.52 MHz	0.060	1.64
RCH664-120L	12 ± 15%	2.52 MHz	0.063	1.52
RCH664-130L	13 ± 15%	2.52 MHz	0.067	1.48
RCH664-140L	14 ± 15%	2.52 MHz	0.070	1.44
RCH664-150L	15 ± 15%	2.52 MHz	0.074	1.40
RCH664-160L	16 ± 15%	2.52 MHz	0.079	1.33
RCH664-180L	18 ± 15%	2.52 MHz	0.084	1.30
RCH664-220K	22 ± 10%	2.52 MHz	0.110	1.27
RCH664-270K	27 ± 10%	2.52 MHz	0.140	1.14
RCH664-330K	33 ± 10%	2.52 MHz	0.170	1.03
RCH664-390K	39 ± 10%	2.52 MHz	0.190	0.95
RCH664-470K	47 ± 10%	2.52 MHz	0.230	0.87

NOTES:

Rated current : The DC current at which the inductance decrease to 90% from its initial value or when Δt=40°C whichever is lower (Ta=20°C)

**Electrical Characteristics**

Part No.	Inductance ( $\mu$ H)	Measuring Frequency	D.C.R ( $\Omega$ ) Max.	Rated Current (A) Max.
RCH664-560K	56 $\pm$ 10%	2.52 MHz	0.260	0.80
RCH664-680K	68 $\pm$ 10%	2.52 MHz	0.280	0.72
RCH664-820K	82 $\pm$ 10%	2.52 MHz	0.390	0.66
RCH664-101K	100 $\pm$ 10%	1 KHz	0.430	0.59
RCH664-121K	120 $\pm$ 10%	1 KHz	0.540	0.54
RCH664-151K	150 $\pm$ 10%	1 KHz	0.640	0.48
RCH664-181K	180 $\pm$ 10%	1 KHz	0.740	0.44
RCH664-221K	220 $\pm$ 10%	1 KHz	0.960	0.40
RCH664-271K	270 $\pm$ 10%	1 KHz	1.120	0.36
RCH664-331K	330 $\pm$ 10%	1 KHz	1.480	0.33
RCH664-391K	390 $\pm$ 10%	1 KHz	1.660	0.30
RCH664-471K	470 $\pm$ 10%	1 KHz	1.910	0.27
RCH664-561K	560 $\pm$ 10%	1 KHz	2.310	0.25
RCH664-681K	680 $\pm$ 10%	1 KHz	2.670	0.23
RCH664-821K	820 $\pm$ 10%	1 KHz	3.100	0.21
RCH664-102K	1,000 $\pm$ 10%	1 KHz	4.450	0.19

NOTES:

Rated current : The DC current at which the inductance decrease to 90% from its initial value or when  $\Delta t=40^{\circ}\text{C}$  whichever is lower ( $T_a=20^{\circ}\text{C}$ )