

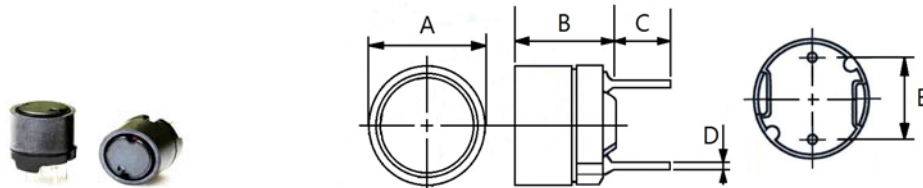
### Features

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

### Applications

- Switching power supply, DC-DC converters, TVs, VTRs, OA equipments choke, Home electric appliance, etc..

### Shapes and Dimensions



Type	A	B	C	D	E			
RCR664D	6.5 max.	6.5 max.	4.0 ± 1.0	0.5 ± 0.1	4.0 ± 0.5			

### Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCR664D-2R7M	2.7 ± 20%	7.96 MHz	0.042	2.42
RCR664D-3R3M	3.3 ± 20%	7.96 MHz	0.047	2.13
RCR664D-3R9M	3.9 ± 20%	7.96 MHz	0.050	2.00
RCR664D-4R7M	4.7 ± 20%	7.96 MHz	0.056	1.90
RCR664D-5R6M	5.6 ± 20%	7.96 MHz	0.062	1.81
RCR664D-6R8M	6.8 ± 20%	7.96 MHz	0.066	1.62
RCR664D-8R2M	8.2 ± 20%	7.96 MHz	0.071	1.47
RCR664D-100L	10 ± 15%	2.52 MHz	0.081	1.33
RCR664D-120L	12 ± 15%	2.52 MHz	0.091	1.18
RCR664D-150L	15 ± 15%	2.52 MHz	0.104	1.12
RCR664D-180L	18 ± 15%	2.52 MHz	0.116	1.00
RCR664D-220L	22 ± 15%	2.52 MHz	0.130	0.96
RCR664D-270L	27 ± 15%	2.52 MHz	0.180	0.87
RCR664D-330L	33 ± 15%	2.52 MHz	0.210	0.78
RCR664D-390L	39 ± 15%	2.52 MHz	0.260	0.72
RCR664D-470L	47 ± 15%	2.52 MHz	0.290	0.66
RCR664D-560K	56 ± 10%	2.52 MHz	0.330	0.60
RCR664D-680K	68 ± 10%	2.52 MHz	0.360	0.55
RCR664D-820K	82 ± 10%	2.52 MHz	0.390	0.50
RCR664D-101K	100 ± 10%	1 KHz	0.540	0.45
RCR664D-121K	120 ± 10%	1 KHz	0.620	0.41
RCR664D-151K	150 ± 10%	1 KHz	0.720	0.37
RCR664D-181K	180 ± 10%	1 KHz	0.880	0.34
RCR664D-221K	220 ± 10%	1 KHz	0.990	0.30
RCR664D-271K	270 ± 10%	1 KHz	1.520	0.27
RCR664D-331K	330 ± 10%	1 KHz	1.690	0.25
RCR664D-391K	390 ± 10%	1 KHz	1.850	0.23
RCR664D-471K	470 ± 10%	1 KHz	2.850	0.21
RCR664D-561K	560 ± 10%	1 KHz	3.210	0.19
RCR664D-681K	680 ± 10%	1 KHz	3.600	0.17
RCR664D-821K	820 ± 10%	1 KHz	4.870	0.16
RCR664D-102K	1,000 ± 10%	1 KHz	5.560	0.14

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)