

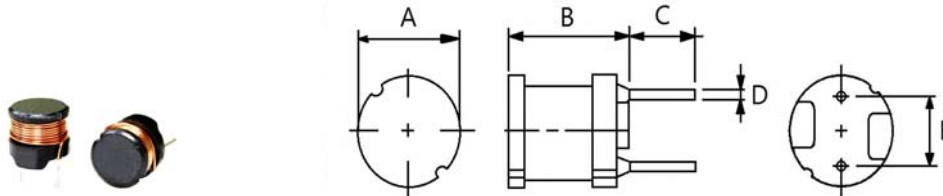
### Features

- 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			
RCH8011	7.8 ± 0.5	10.8 max.	5.0 ± 1.0	0.60 ± 0.1	5.0 ± 0.5			

### Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH8011-100L	10 ± 15%	100 KHz	0.035	4.40
RCH8011-120L	12 ± 15%	100 KHz	0.040	4.00
RCH8011-150L	15 ± 15%	100 KHz	0.047	3.60
RCH8011-180L	18 ± 15%	100 KHz	0.053	3.30
RCH8011-220L	22 ± 15%	100 KHz	0.056	2.80
RCH8011-270L	27 ± 15%	100 KHz	0.065	2.60
RCH8011-330L	33 ± 15%	100 KHz	0.075	2.40
RCH8011-390L	39 ± 15%	100 KHz	0.084	2.20
RCH8011-470L	47 ± 15%	100 KHz	0.110	2.00
RCH8011-560L	56 ± 15%	100 KHz	0.123	1.85
RCH8011-680L	68 ± 15%	100 KHz	0.138	1.70
RCH8011-820L	82 ± 15%	100 KHz	0.190	1.60
RCH8011-101L	100 ± 15%	100 KHz	0.215	1.50
RCH8011-121L	120 ± 15%	100 KHz	0.275	1.20
RCH8011-151L	150 ± 15%	100 KHz	0.310	1.10
RCH8011-181L	180 ± 15%	100 KHz	0.360	1.00
RCH8011-221L	220 ± 15%	100 KHz	0.440	0.95
RCH8011-271L	270 ± 15%	100 KHz	0.590	0.90
RCH8011-331L	330 ± 15%	100 KHz	0.640	0.80
RCH8011-391L	390 ± 15%	100 KHz	0.710	0.70
RCH8011-471L	470 ± 15%	100 KHz	0.900	0.65
RCH8011-561L	560 ± 15%	100 KHz	1.100	0.60
RCH8011-681L	680 ± 15%	100 KHz	1.300	0.56
RCH8011-821L	820 ± 15%	100 KHz	1.700	0.52
RCH8011-102L	1,000 ± 15%	100 KHz	1.900	0.49

### 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)