

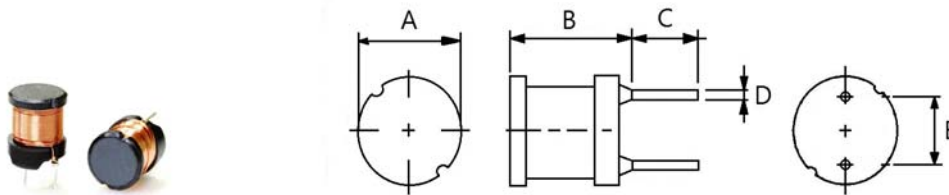
Features

- 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	F		
RCH1616	16.0 max.	15.0 max.	5.0 ± 1.0	5.00 ± 0.1	7.5 ± 0.5	0.80 ± 0.1		

Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH1616-4R7M	4.7 ± 20%	1 KHz	0.007	12.60
RCH1616-6R8M	6.8 ± 20%	1 KHz	0.009	9.80
RCH1616-100M	10 ± 20%	1 KHz	0.011	9.30
RCH1616-120M	12 ± 20%	1 KHz	0.011	8.50
RCH1616-150M	15 ± 20%	1 KHz	0.015	7.10
RCH1616-180M	18 ± 20%	1 KHz	0.017	6.70
RCH1616-220M	22 ± 20%	1 KHz	0.017	6.20
RCH1616-270M	27 ± 20%	1 KHz	0.020	5.60
RCH1616-330M	33 ± 20%	1 KHz	0.027	5.00
RCH1616-390M	39 ± 20%	1 KHz	0.033	4.60
RCH1616-470M	47 ± 20%	1 KHz	0.037	4.20
RCH1616-560M	56 ± 20%	1 KHz	0.045	3.80
RCH1616-680M	68 ± 20%	1 KHz	0.056	3.30
RCH1616-820M	82 ± 20%	1 KHz	0.065	2.90
RCH1616-101K	100 ± 10%	1 KHz	0.068	2.70
RCH1616-121K	120 ± 10%	1 KHz	0.080	2.50
RCH1616-151K	150 ± 10%	1 KHz	0.091	2.30
RCH1616-181K	180 ± 10%	1 KHz	0.135	2.00
RCH1616-221K	220 ± 10%	1 KHz	0.155	1.80
RCH1616-271K	270 ± 10%	1 KHz	0.180	1.70
RCH1616-331K	330 ± 10%	1 KHz	0.240	1.50
RCH1616-391K	390 ± 10%	1 KHz	0.255	1.30
RCH1616-471K	470 ± 10%	1 KHz	0.280	1.20
RCH1616-561K	560 ± 10%	1 KHz	0.380	1.10
RCH1616-681K	680 ± 10%	1 KHz	0.515	1.00
RCH1616-821K	820 ± 10%	1 KHz	0.575	0.96
RCH1616-102K	1,000 ± 10%	1 KHz	0.665	0.85

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)