

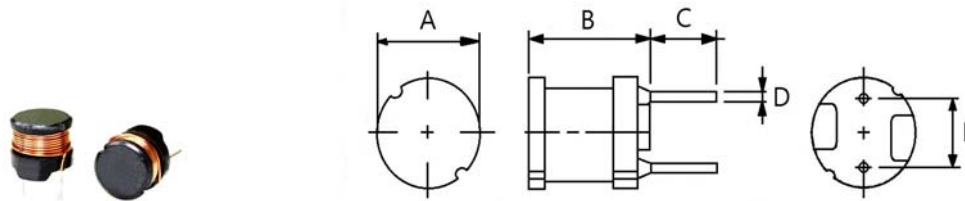
Features

- 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			
RCH875	7.8 ± 0.5	7.8 max.	5.0 ± 1.0	0.60 ± 0.05	5.0 ± 0.5			

Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH875-2R2M	2.2 ± 20%	7.96 MHz	0.014	5.80
RCH875-2R8M	2.8 ± 20%	7.96 MHz	0.015	5.00
RCH875-3R5M	3.5 ± 20%	7.96 MHz	0.017	4.70
RCH875-4R4M	4.4 ± 20%	7.96 MHz	0.019	4.50
RCH875-5R1M	5.1 ± 20%	7.96 MHz	0.021	4.20
RCH875-6R0M	6.0 ± 20%	7.96 MHz	0.022	4.00
RCH875-7R1M	7.1 ± 20%	7.96 MHz	0.024	3.40
RCH875-8R2M	8.2 ± 20%	7.96 MHz	0.027	3.10
RCH875-100M	10 ± 20%	2.52 MHz	0.050	2.90
RCH875-120M	12 ± 20%	2.52 MHz	0.060	2.50
RCH875-150K	15 ± 10%	2.52 MHz	0.070	2.20
RCH875-180K	18 ± 10%	2.52 MHz	0.080	1.90
RCH875-220K	22 ± 10%	2.52 MHz	0.090	1.80
RCH875-270K	27 ± 10%	2.52 MHz	0.110	1.70
RCH875-330K	33 ± 10%	2.52 MHz	0.130	1.50
RCH875-390K	39 ± 10%	2.52 MHz	0.140	1.30
RCH875-470K	47 ± 10%	2.52 MHz	0.150	1.30
RCH875-560K	56 ± 10%	2.52 MHz	0.180	1.20
RCH875-680K	68 ± 10%	2.52 MHz	0.200	1.10
RCH875-820K	82 ± 10%	2.52 MHz	0.240	1.00

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 (μ H)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH875-101K	100 \pm 10%	1 KHz	0.350	0.89
RCH875-121K	120 \pm 10%	1 KHz	0.360	0.81
RCH875-151K	150 \pm 10%	1 KHz	0.420	0.72
RCH875-181K	180 \pm 10%	1 KHz	0.570	0.66
RCH875-221K	220 \pm 10%	1 KHz	0.630	0.57
RCH875-271K	270 \pm 10%	1 KHz	0.880	0.51
RCH875-331K	330 \pm 10%	1 KHz	1.050	0.46
RCH875-391K	390 \pm 10%	1 KHz	1.170	0.44
RCH875-471K	470 \pm 10%	1 KHz	1.340	0.41
RCH875-561K	560 \pm 10%	1 KHz	1.720	0.36
RCH875-681K	680 \pm 10%	1 KHz	1.960	0.33
RCH875-821K	820 \pm 10%	1 KHz	2.560	0.30
RCH875-102K	1,000 \pm 10%	1 KHz	2.940	0.27
RCH875-122K	1,200 \pm 10%	1 KHz	4.040	0.24
RCH875-152K	1,500 \pm 10%	1 KHz	4.700	0.22
RCH875-182K	1,800 \pm 10%	1 KHz	5.050	0.20
RCH875-222K	2,200 \pm 10%	1 KHz	6.250	0.18
RCH875-272K	2,700 \pm 10%	1 KHz	8.720	0.16
RCH875-332K	3,300 \pm 10%	1 KHz	10.600	0.15
RCH875-392K	3,900 \pm 10%	1 KHz	14.200	0.14
RCH875-472K	4,700 \pm 10%	1 KHz	16.700	0.12
RCH875-562K	5,600 \pm 10%	1 KHz	18.700	0.11
RCH875-682K	6,800 \pm 10%	1 KHz	21.800	0.10
RCH875-822K	8,200 \pm 10%	1 KHz	28.700	93m
RCH875-103K	10,000 \pm 10%	1 KHz	33.000	84m

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 ($T_a=20^{\circ}\text{C}$)