

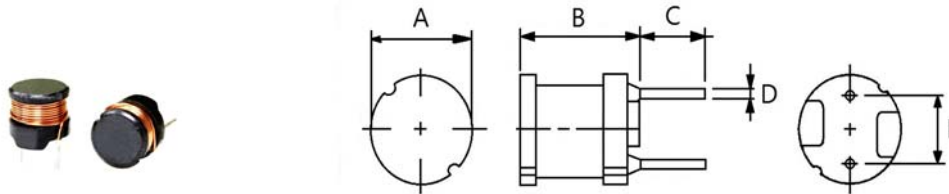
Features

- 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			
RCH895	7.8 ± 0.5	9.8 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.
RCH895-2R5M	2.5 ± 20%	7.96 MHz	0.014	3.20
RCH895-3R2M	3.2 ± 20%	7.96 MHz	0.015	2.90
RCH895-3R8M	3.8 ± 20%	7.96 MHz	0.016	2.70
RCH895-4R6M	4.6 ± 20%	7.96 MHz	0.019	2.50
RCH895-5R5M	5.5 ± 20%	7.96 MHz	0.020	2.40
RCH895-6R5M	6.5 ± 20%	7.96 MHz	0.021	2.30
RCH895-7R7M	7.7 ± 20%	7.96 MHz	0.022	2.20
RCH895-9R2M	9.0 ± 20%	7.96 MHz	0.024	2.10
RCH895-100M	10 ± 20%	2.52 MHz	0.400	2.00
RCH895-120M	12 ± 20%	2.52 MHz	0.400	1.90
RCH895-150K	15 ± 10%	2.52 MHz	0.500	1.80
RCH895-180K	18 ± 10%	2.52 MHz	0.500	1.60
RCH895-220K	22 ± 10%	2.52 MHz	0.600	1.40
RCH895-270K	27 ± 10%	2.52 MHz	0.600	1.30
RCH895-330K	33 ± 10%	2.52 MHz	0.700	1.10
RCH895-390K	39 ± 10%	2.52 MHz	0.800	1.10
RCH895-470K	47 ± 10%	2.52 MHz	0.100	0.99
RCH895-560K	56 ± 10%	2.52 MHz	0.110	0.90
RCH895-680K	68 ± 10%	2.52 MHz	0.140	0.81
RCH895-820K	82 ± 10%	2.52 MHz	0.160	0.76

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.
RCH895-101K	100 \pm 10%	1 KHz	0.190	0.72
RCH895-121K	120 \pm 10%	1 KHz	0.220	0.67
RCH895-151K	150 \pm 10%	1 KHz	0.270	0.61
RCH895-181K	180 \pm 10%	1 KHz	0.310	0.54
RCH895-221K	220 \pm 10%	1 KHz	0.380	0.50
RCH895-271K	270 \pm 10%	1 KHz	0.530	0.41
RCH895-331K	330 \pm 10%	1 KHz	0.610	0.39
RCH895-391K	390 \pm 10%	1 KHz	0.690	0.37
RCH895-471K	470 \pm 10%	1 KHz	0.890	0.32
RCH895-561K	560 \pm 10%	1 KHz	1.010	0.30
RCH895-681K	680 \pm 10%	1 KHz	1.180	0.27
RCH895-821K	820 \pm 10%	1 KHz	1.570	0.24
RCH895-102K	1,000 \pm 10%	1 KHz	1.840	0.22
RCH895-122K	1,200 \pm 10%	1 KHz	2.100	0.21
RCH895-152K	1,500 \pm 10%	1 KHz	2.800	0.18
RCH895-182K	1,800 \pm 10%	1 KHz	3.210	0.17
RCH895-222K	2,200 \pm 10%	1 KHz	4.210	0.15
RCH895-272K	2,700 \pm 10%	1 KHz	4.940	0.14
RCH895-332K	3,300 \pm 10%	1 KHz	6.160	0.12
RCH895-392K	3,900 \pm 10%	1 KHz	6.840	0.11
RCH895-472K	4,700 \pm 10%	1 KHz	7.890	0.10
RCH895-562K	5,600 \pm 10%	1 KHz	11.500	0.09
RCH895-682K	6,800 \pm 10%	1 KHz	13.200	0.08
RCH895-822K	8,200 \pm 10%	1 KHz	15.300	0.08
RCH895-103K	10,000 \pm 10%	1 KHz	22.000	0.06
RCH895-123K	12,000 \pm 10%	1 KHz	25.000	0.06
RCH895-153K	15,000 \pm 10%	1 KHz	29.100	0.06
RCH895-183K	18,000 \pm 10%	1 KHz	38.900	0.05
RCH895-223K	22,000 \pm 10%	1 KHz	44.900	0.04
RCH895-273K	27,000 \pm 10%	1 KHz	55.700	0.04
RCH895-333K	33,000 \pm 10%	1 KHz	64.200	0.04
RCH895-393K	39,000 \pm 10%	1 KHz	74.200	0.04
RCH895-473K	47,000 \pm 10%	1 KHz	96.400	0.03

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