PIN Type Power Inductor > Non-Sheilded > RCH855

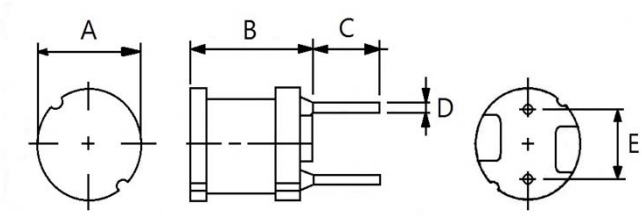
Features

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

Applications

- Power supples, DC-DC converters, TVs, VTRs, computer peripherals, home electric appliance, etc..

Shapes and Diemensions



Type	A	B	C	D	E			
RCH855	7.8 ± 0.5	6.0 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.
RCH855-3R3M	3.3 ± 20%	7.96 MHz	0.026	4.00
RCH855-4R1M	4.1 ± 20%	7.96 MHz	0.031	3.60
RCH855-5R0M	5.0 ± 20%	7.96 MHz	0.034	3.40
RCH855-5R9M	5.9 ± 20%	7.96 MHz	0.039	3.20
RCH855-6R8M	6.8 ± 20%	7.96 MHz	0.042	2.90
RCH855-8R2M	8.2 ± 20%	7.96 MHz	0.045	2.70
RCH855-100M	10 ± 20%	2.52 MHz	0.070	2.50
RCH855-120M	12 ± 20%	2.52 MHz	0.080	2.40
RCH855-150M	15 ± 20%	2.52 MHz	0.090	2.10
RCH855-180M	18 ± 20%	2.52 MHz	0.100	2.00
RCH855-220K	22 ± 10%	2.52 MHz	0.120	1.70
RCH855-270K	27 ± 10%	2.52 MHz	0.140	1.60
RCH855-330K	33 ± 10%	2.52 MHz	0.170	1.40
RCH855-390K	39 ± 10%	2.52 MHz	0.210	1.30
RCH855-470K	47 ± 10%	2.52 MHz	0.240	1.20
RCH855-560K	56 ± 10%	2.52 MHz	0.310	1.10
RCH855-680K	68 ± 10%	2.52 MHz	0.340	1.00
RCH855-820K	82 ± 10%	2.52 MHz	0.400	0.93

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)

ORITAC

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Electrical Characteristics

Part No.	Inductance (μH)	Measuring Frequency	D.C.R (Ω) Max.	Rated Current (A) Max.
RCH855-101K	100 ± 10%	1 KHz	0.520	0.81
RCH855-121K	120 ± 10%	1 KHz	0.590	0.76
RCH855-151K	150 ± 10%	1 KHz	0.710	0.67
RCH855-181K	180 ± 10%	1 KHz	0.890	0.62
RCH855-221K	220 ± 10%	1 KHz	1.040	0.54
RCH855-271K	270 ± 10%	1 KHz	1.280	0.49
RCH855-331K	330 ± 10%	1 KHz	1.470	0.44
RCH855-391K	390 ± 10%	1 KHz	1.670	0.41
RCH855-471K	470 ± 10%	1 KHz	1.950	0.39
RCH855-561K	560 ± 10%	1 KHz	2.830	0.35
RCH855-681K	680 ± 10%	1 KHz	3.250	0.32
RCH855-821K	820 ± 10%	1 KHz	3.820	0.31
RCH855-102K	1,000 ± 10%	1 KHz	5.280	0.25
RCH855-122K	1,200 ± 10%	1 KHz	6.030	0.23
RCH855-152K	1,500 ± 10%	1 KHz	7.150	0.21
RCH855-182K	1,800 ± 10%	1 KHz	8.260	0.20
RCH855-222K	2,200 ± 10%	1 KHz	11.100	0.18
RCH855-272K	2,700 ± 10%	1 KHz	13.100	0.16
RCH855-332K	3,300 ± 10%	1 KHz	15.900	0.14
RCH855-392K	3,900 ± 10%	1 KHz	18.000	0.13
RCH855-472K	4,700 ± 10%	1 KHz	23.900	0.12
RCH855-562K	5,600 ± 10%	1 KHz	26.800	0.11
RCH855-682K	6,800 ± 10%	1 KHz	31.700	0.10
RCH855-822K	8,200 ± 10%	1 KHz	46.500	0.09
RCH855-103K	10,000 ± 10%	1 KHz	55.700	0.08

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)