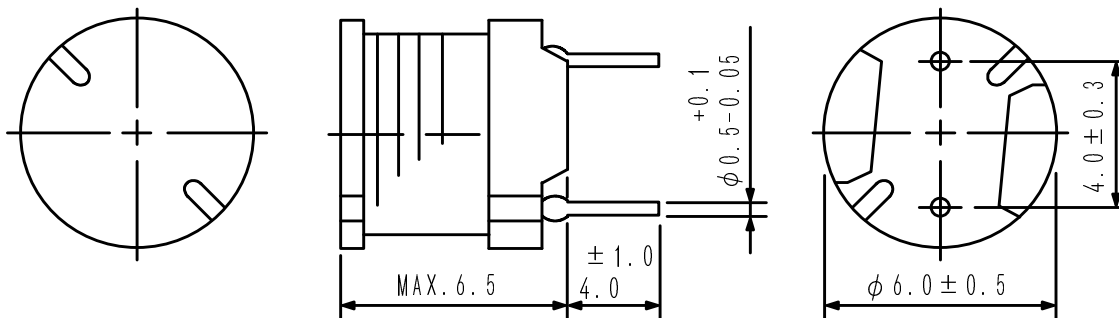


Type: RCH-664
◆ Product Description

- 6.5mm Max. ϕ , 6.5mm Max. Height.
- Inductance Range: $1.0 \mu\text{H} \sim 1.0\text{mH}$
- Rated current range: $0.19 \sim 4.0\text{A}$
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.

◆ Feature

- Magnetically unshielded construction.
- Ideally Used in Printers, LCD TV, DVD, Printer, Copy Machine, Mainboard of the compounding machines, etc as Power Supplies's Inductors or DC-DC Converter inductors.
- RoHS Compliance and Halogen Free.

◆ Dimensions (mm)


Type: RCH-664
◆ Specification

Part Name	Stamp	Inductance [Within] (μ H) ※1	D.C.R. (Ω) [Max.] at 20°C	Rated Current (A) ※2	S.R.F. (MHz) <Ref.>
RCH664NP-1R0M	1R0M	1.0 $\pm$ 20%	18.3m	4.00	243
RCH664NP-1R3M	1R3M	1.3 $\pm$ 20%	20.6m	3.70	207
RCH664NP-1R7M	1R7M	1.7 $\pm$ 20%	22.8m	3.52	170
RCH664NP-2R2M	2R2M	2.2 $\pm$ 20%	25.5m	3.20	141
RCH664NP-2R7M	2R7M	2.7 $\pm$ 20%	28.2m	3.00	110
RCH664NP-3R3M	3R3M	3.3 $\pm$ 20%	30.8m	2.83	85.7
RCH664NP-3R9M	3R9M	3.9 $\pm$ 20%	33.4m	2.63	65
RCH664NP-4R7M	4R7M	4.7 $\pm$ 20%	36.4m	2.43	50.5
RCH664NP-5R5M	5R5M	5.5 $\pm$ 20%	39.5m	2.30	44.5
RCH664NP-6R3M	6R3M	6.3 $\pm$ 20%	43.0m	2.14	39.3
RCH664NP-7R2M	7R2M	7.2 $\pm$ 20%	46.2m	2.09	36.5
RCH664NP-8R1M	8R1M	8.1 $\pm$ 20%	49.8m	1.99	35.1
RCH664NP-9R1M	9R1M	9.1 $\pm$ 20%	53.2m	1.86	33.7
RCH664NP-100M	100M	10 $\pm$ 20%	56.6m	1.75	32.2
RCH664NP-110L	110L	11 $\pm$ 15%	59.6m	1.64	30.4
RCH664NP-120L	120L	12 $\pm$ 15%	63.0m	1.52	28.2
RCH664NP-130L	130L	13 $\pm$ 15%	66.7m	1.48	26.7
RCH664NP-140L	140L	14 $\pm$ 15%	70.1m	1.44	25.4
RCH664NP-150L	150L	15 $\pm$ 15%	74.4m	1.40	24.2
RCH664NP-160L	160L	16 $\pm$ 15%	78.8m	1.33	23.1
RCH664NP-180L	180L	18 $\pm$ 15%	83.9m	1.30	22.6
RCH664NP-220K	220K	22 $\pm$ 10%	0.11	1.27	18
RCH664NP-270K	270K	27 $\pm$ 10%	0.14	1.14	16
RCH664NP-330K	330K	33 $\pm$ 10%	0.17	1.03	15
RCH664NP-390K	390K	39 $\pm$ 10%	0.19	950m	13
RCH664NP-470K	470K	47 $\pm$ 10%	0.23	870m	12
RCH664NP-560K	560K	56 $\pm$ 10%	0.26	800m	11
RCH664NP-680K	680K	68 $\pm$ 10%	0.28	720m	10
RCH664NP-820K	820K	82 $\pm$ 10%	0.39	660m	9.3
RCH664NP-101K	101K	100 $\pm$ 10%	0.43	590m	8.4
RCH664NP-121K	121K	120 $\pm$ 10%	0.54	540m	7.0
RCH664NP-151K	151K	150 $\pm$ 10%	0.64	480m	6.2
RCH664NP-181K	181K	180 $\pm$ 10%	0.74	440m	5.7
RCH664NP-221K	221K	220 $\pm$ 10%	0.96	400m	5.4
RCH664NP-271K	271K	270 $\pm$ 10%	1.12	360m	5.1
RCH664NP-331K	331K	330 $\pm$ 10%	1.48	330m	4.3
RCH664NP-391K	391K	390 $\pm$ 10%	1.66	300m	4.1
RCH664NP-471K	471K	470 $\pm$ 10%	1.91	270m	3.8
RCH664NP-561K	561K	560 $\pm$ 10%	2.31	250m	3.0
RCH664NP-681K	681K	680 $\pm$ 10%	2.67	230m	2.8
RCH664NP-821K	821K	820 $\pm$ 10%	3.10	210m	2.6
RCH664NP-102K	102K	1000 $\pm$ 10%	4.45	190m	2.5

※1: Measuring frequency
1.0 μ H $\sim$ 10 μ H at 7.96MHz
11 μ H $\sim$ 82 μ H at 2.52MHz
100 μ H $\sim$ 1000 μ H at 1 kHz

※2: Rated current: The DC current at which the inductance decreases 90% of it's initial value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower ($T_a=20^{\circ}\text{C}$)