

Type: RCH-4564

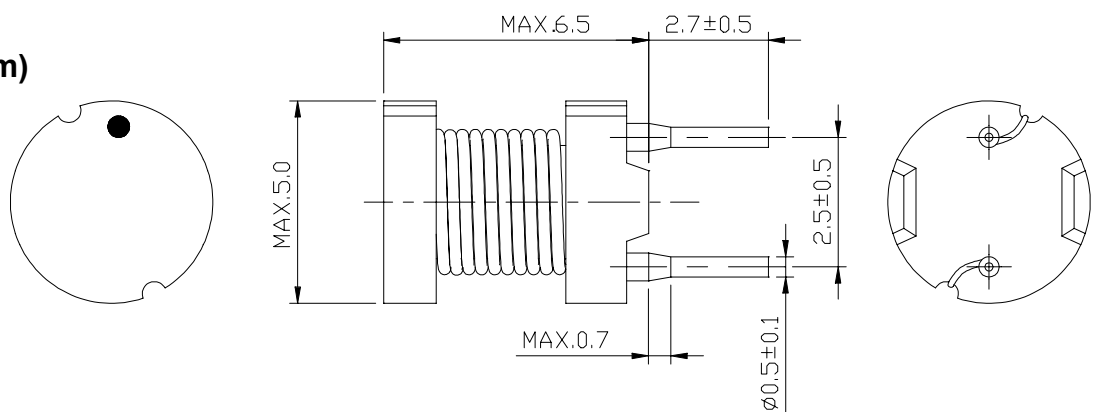
◆ Product Description

- 5mm Max.φ, 6.5mm Max. Height.
- Inductance Range: 1.5 μ H~1.6mH
- Rated current range: 0.08~3.2A
- 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

◆ Dimensions (mm)



◆ Specification

Part Name	Stamp	Inductance (μ H) [Within] ※1	D.C.R. (m Ω) [Max.] (at20°C)	DC permission current (A)※2	Temperature rise current (A) ※3
RCH-4564NP-1R5M	1R5	1.5 μ H $\pm$ 20%	25.0	3.4	3.2
RCH-4564NP-2R2M	2R2	2.2 μ H $\pm$ 20%	35.5	2.9	2.3
RCH-4564NP-2R7M	2R7	2.7 μ H $\pm$ 20%	38.5	2.7	2.2
RCH-4564NP-3R3M	3R3	3.3 μ H $\pm$ 20%	43.1	2.5	2.1
RCH-4564NP-4R7M	4R7	4.7 μ H $\pm$ 20%	46.0	2.0	1.9
RCH-4564NP-220M	220	22.0 μ H $\pm$ 20%	123	0.9	1.2
RCH-4564NP-330M	330	33.0 μ H $\pm$ 20%	180	0.77	0.9
RCH-4564NP-470M	470	47.0 μ H $\pm$ 10%	330	0.64	0.68
RCH-4564NP-163K	163	1.6mH $\pm$ 10%	8100	0.08	0.14

※1 .Measuring frequency: at 1kHz/1V (1.5 μ H、 4.7 μ H~1.6mH)
at 100kHz/1V (2.2 μ H、 2.7 μ H、 3.3 μ H)

※2. DC permission current: The DC current at which inductance decreases to 90% of its initial value.

※3 .Temperature rise current: the DC current at which the temperature rise is $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).