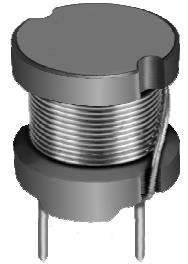
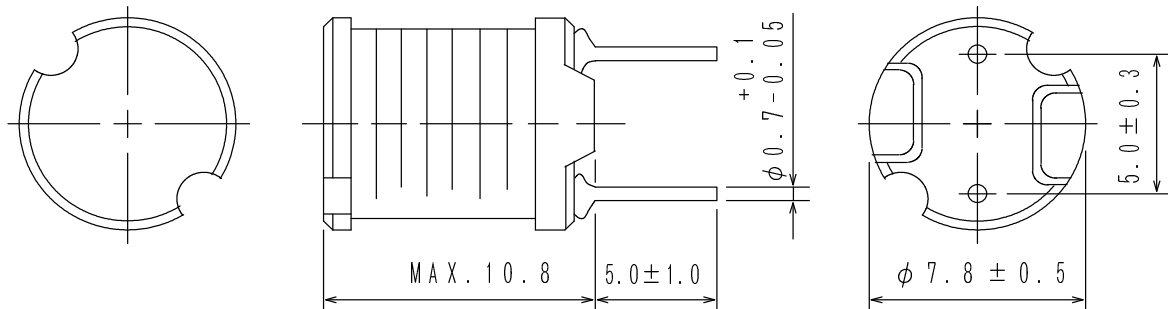
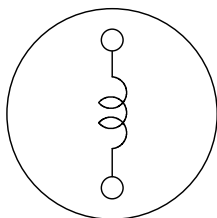


Type: RCH8011
◆ Product Description

- 8.3mm Max. ϕ , 10.8mm Max. Height.
- Inductance range: $10\mu\text{H} \sim 1.0\text{mH}$.
- Rated current range: $0.47 \sim 4.1\text{A}$.
- 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, Main board of the compounding machines, etc as power supplier's Inductors or DC-DC converter inductors.
- RoHS Compliance and Halogen Free.

◆ Dimensions (mm)

◆ Schematics (Bottom)


Type: RCH8011
◆ Specification

Part Name	Stamp	Inductance (μ H) 100 kHz/1V	D.C.R. (m Ω) [Max.] (Typ.) (at 20°C)	Saturation Current (mA) ※1	Temperature Rise Current (mA)※2
RCH8011NP-100L	100	10 $\pm$ 15%	35(28)	4400	4100
RCH8011NP-120L	120	12 $\pm$ 15%	40(32)	4000	3950
RCH8011NP-150L	150	15 $\pm$ 15%	47(38)	3600	3750
RCH8011NP-180L	180	18 $\pm$ 15%	53(42)	3300	3600
RCH8011NP-220L	220	22 $\pm$ 15%	56(45)	2800	3050
RCH8011NP-270L	270	27 $\pm$ 15%	65(52)	2600	2800
RCH8011NP-330L	330	33 $\pm$ 15%	75(60)	2400	2700
RCH8011NP-390L	390	39 $\pm$ 15%	84(67)	2200	2550
RCH8011NP-470L	470	47 $\pm$ 15%	110(88)	2000	2150
RCH8011NP-560L	560	56 $\pm$ 15%	123(98)	1850	2000
RCH8011NP-680L	680	68 $\pm$ 15%	138(111)	1700	1900
RCH8011NP-820L	820	82 $\pm$ 15%	190(154)	1600	1550
RCH8011NP-101L	101	100 $\pm$ 15%	215(172)	1500	1500
RCH8011NP-121L	121	120 $\pm$ 15%	275(222)	1200	1300
RCH8011NP-151L	151	150 $\pm$ 15%	310(250)	1100	1200
RCH8011NP-181L	181	180 $\pm$ 15%	360(288)	1000	1100
RCH8011NP-221L	221	220 $\pm$ 15%	440(354)	950	1050
RCH8011NP-271L	271	270 $\pm$ 15%	590(472)	900	900
RCH8011NP-331L	331	330 $\pm$ 15%	640(512)	800	820
RCH8011NP-391L	391	390 $\pm$ 15%	710(570)	700	780
RCH8011NP-471L	471	470 $\pm$ 15%	900(720)	650	700
RCH8011NP-561L	561	560 $\pm$ 15%	1125(903)	600	640
RCH8011NP-681L	681	680 $\pm$ 15%	1280(1025)	560	540
RCH8011NP-821L	821	820 $\pm$ 15%	1660(1329)	520	500
RCH8011NP-102L	102	1000 $\pm$ 15%	1915(1532)	490	470

※1: Saturation current: The DC current at which the inductance decreases to 90% of its initial value.

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