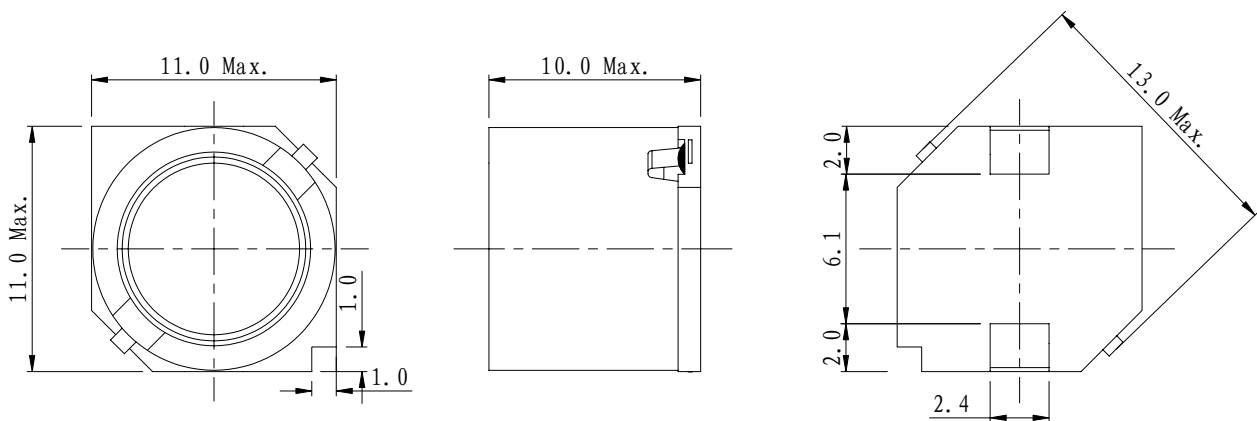
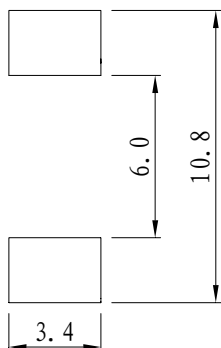


Type: CDRR107
◆ Product Description

- 11.0×11.0mm Max. (L×W), 10 mm Max. Height.
- Inductance range: 100~1800 μ H.
- Rated current range: 0.3~1.23A.
- Custom design is available.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Portable computers, Video recorder, DSC/DVC etc as DC-DC Converter inductors.
- RoHS Compliance.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRR107
◆ Specification

Part Name	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) Max.(Typ.)※1		Temperature Rise Current (A)※2
				(at 25°C)	(at 125°C)	
CDRR107NP-101MC	101	100 \pm 20%	0.19(0.15)	1.23(1.54)	0.85(1.06)	1.40(1.60)
CDRR107NP-121MC	121	120 \pm 20%	0.20(0.16)	1.14(1.43)	0.72(0.90)	1.34(1.52)
CDRR107NP-151MC	151	150 \pm 20%	0.22(0.18)	1.02(1.28)	0.67(0.84)	1.26(1.44)
CDRR107NP-181MC	181	180 \pm 20%	0.25(0.20)	0.94(1.18)	0.65(0.81)	1.16(1.33)
CDRR107NP-221MC	221	220 \pm 20%	0.27(0.22)	0.86(1.07)	0.58(0.71)	0.98(1.12)
CDRR107NP-271MC	271	270 \pm 20%	0.39(0.31)	0.78(0.97)	0.53(0.66)	0.89(1.01)
CDRR107NP-331MC	331	330 \pm 20%	0.49(0.39)	0.72(0.90)	0.46(0.58)	0.81(0.92)
CDRR107NP-391MC	391	390 \pm 20%	0.54(0.43)	0.66(0.82)	0.44(0.55)	0.80(0.91)
CDRR107NP-471MC	471	470 \pm 20%	0.68(0.55)	0.58(0.73)	0.40(0.50)	0.68(0.77)
CDRR107NP-561MC	561	560 \pm 20%	0.86(0.69)	0.52(0.65)	0.36(0.45)	0.60(0.69)
CDRR107NP-681MC	681	680 \pm 20%	1.0(0.80)	0.47(0.59)	0.34(0.42)	0.59(0.67)
CDRR107NP-821MC	821	820 \pm 20%	1.10(0.89)	0.45(0.56)	0.30(0.38)	0.55(0.63)
CDRR107NP-102MC	102	1000 \pm 20%	1.43(1.15)	0.40(0.50)	0.28(0.36)	0.47(0.53)
CDRR107NP-122MC	122	1200 \pm 20%	1.60(1.25)	0.37(0.47)	0.25(0.32)	0.44(0.50)
CDRR107NP-152MC	152	1500 \pm 20%	2.10(1.70)	0.34(0.42)	0.20(0.25)	0.38(0.43)
CDRR107NP-182MC	182	1800 \pm 20%	2.30(1.90)	0.30(0.37)	0.20(0.25)	0.34(0.40)

※1.Saturation Current: The DC current at which the inductance decreases by 30% from its initial value.

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