

Type: RP1315, RP135B

Product Description

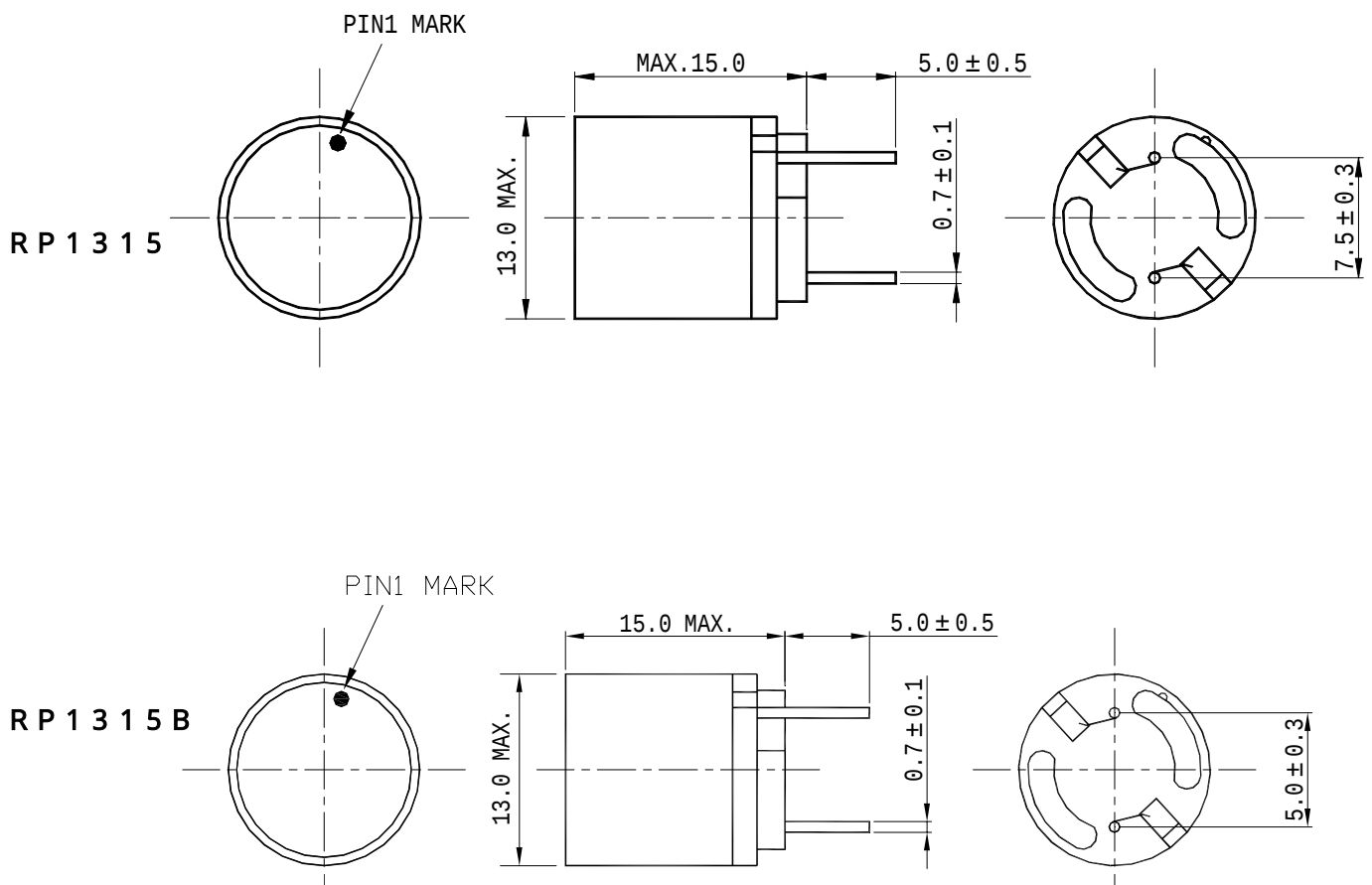
- 13.0mm Max. ϕ , 15.0mm Max. Height.
- Inductance Range: 10 μ H ~ 33 μ H
- Rated Current Range : 2.3 ~ 4.5A(RP135), 2.8 ~ 6.2A(RP135B)
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements



Feature

- Magnetically shielded 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)



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Specification(RP1315)

Part Name	Stamp	Inductance (μ H) [Within] 1kHz/0.25V	D.C.R.(m Ω) [max.]	Saturation Current (A) 1	Temperature Rise Current (A) 2
RP1315NP-100	100	10 $\pm$ 30%	19.0	8.1	4.5
RP1315NP-150	150	15 $\pm$ 30%	27.4	6.3	4.0
RP1315NP-220	220	22 $\pm$ 30%	44.2	5.4	3.5
RP1315NP-270	270	27 $\pm$ 30%	56.3	4.8	3.0
RP1315NP-330	330	33 $\pm$ 30%	70.0	4.5	2.3

Specification(RP1315B)

Part Name	Stamp	Inductance (μ H) [Within] 100kHz	D.C.R.(m Ω) Max.(Typ.) (at 20 $^{\circ}$ C)	Saturation Current (A) 1		Temperature Rise Current (A) 2
				at 20	at105	
RP1315BNP-100M	100M	10 $\pm$ 20%	18.5(14.8)	8.10	6.20	6.20
RP1315BNP-150M	150M	15 $\pm$ 20%	32.4(25.9)	6.52	5.12	5.31
RP1315BNP-220M	220M	22 $\pm$ 20%	47.8(38.3)	5.36	4.36	4.00
RP1315BNP-270M	270M	27 $\pm$ 20%	60.8(48.7)	4.88	3.79	3.40
RP1315BNP-330M	330M	33 $\pm$ 20%	73.6(58.9)	4.20	3.20	2.80

1.Saturation current: The D.C. current at which the inductance decreases to 90% of it's initial value.

2.Temperature rise current: The D.C. current at which the temperature rise is $T = 40^{\circ}$ C ($T_a=20^{\circ}$ C).