

Type: RCP1317

◆ **Product Description**

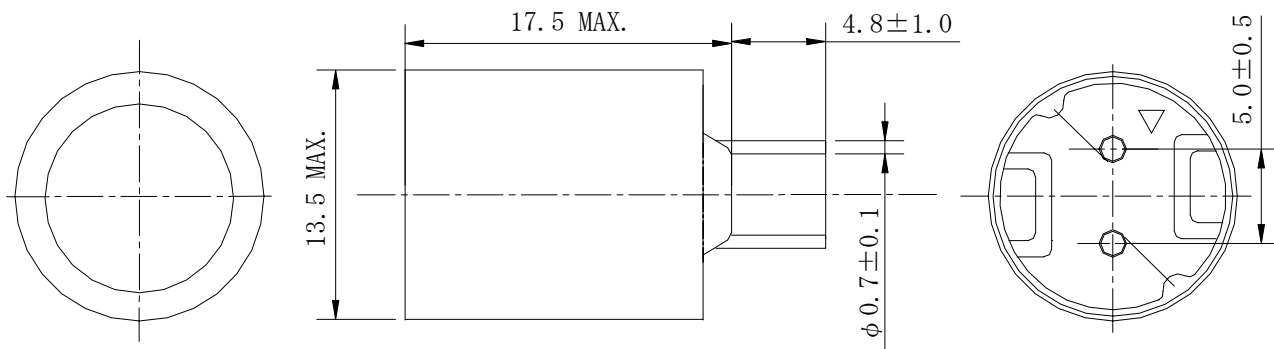
- 13.5mm Max.  $\phi$  , 17.5mm Max.height.
- Inductance range :33  $\mu$  H~4.7mH.
- Rated Current Range: 0.37~3.6A.



◆ **Feature**

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

◆ **Dimensions (mm)**



**Type: RCP1317**
**◆ Specification**

Part No.	Stamp	Inductance <Within> (at 1 kHz)	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Saturation current※1		Temperature rise current (A)※2
				(at 20°C)	(at 100°C)	
RCP1317NP-33ØM	330	33 μH±20%	58m (46m)	4.80	4.40	3.60
RCP1317NP-47ØM	470	47 μH±20%	69m (55m)	4.30	3.80	3.30
RCP1317NP-68ØM	680	68 μH±20%	101m (81m)	3.30	3.00	2.60
RCP1317NP-82ØM	820	82 μH±20%	110m (88m)	3.10	2.70	2.50
RCP1317NP-1Ø1M	101	100 μH±20%	125m (100m)	2.80	2.50	2.30
RCP1317NP-121L	121	120 μH±15%	139m (116m)	2.60	2.30	2.20
RCP1317NP-151L	151	150 μH±15%	195m (156m)	2.40	2.10	1.90
RCP1317NP-181L	181	180 μH±15%	213m (171m)	2.20	1.80	1.80
RCP1317NP-221L	221	220 μH±15%	278m (223m)	1.90	1.70	1.60
RCP1317NP-271L	271	270 μH±15%	0.33 (0.26)	1.70	1.60	1.55
RCP1317NP-331L	331	330 μH±15%	0.36 (0.29)	1.60	1.40	1.50
RCP1317NP-391L	391	390 μH±15%	0.44 (0.35)	1.45	1.28	1.30
RCP1317NP-471L	471	470 μH±15%	0.53 (0.42)	1.35	1.17	1.15
RCP1317NP-561L	561	560 μH±15%	0.59 (0.47)	1.25	1.05	1.10
RCP1317NP-681L	681	680 μH±15%	0.78 (0.62)	1.12	0.95	1.00
RCP1317NP-821L	821	820 μH±15%	0.95 (0.76)	1.02	0.85	0.85
RCP1317NP-1Ø2L	102	1.0mH±15%	1.18 (0.94)	0.90	0.70	0.82
RCP1317NP-122L	122	1.2mH±15%	1.28 (1.07)	0.80	0.65	0.74
RCP1317NP-152L	152	1.5mH±15%	1.40 (1.16)	0.72	0.60	0.72
RCP1317NP-182L	182	1.8mH±15%	2.00 (1.70)	0.68	0.56	0.58
RCP1317NP-222L	222	2.2mH±15%	2.28 (1.90)	0.62	0.52	0.52
RCP1317NP-272L	272	2.7mH±15%	3.07 (2.56)	0.58	0.50	0.48
RCP1317NP-332L	332	3.3mH±15%	3.31 (2.76)	0.51	0.45	0.45
RCP1317NP-392L	392	3.9mH±15%	4.52 (3.77)	0.47	0.42	0.42
RCP1317NP-472L	472	4.7mH±15%	5.02 (4.18)	0.43	0.37	0.37

※1.Saturation current: The D.C. current at which the inductance decreases to 65% of its initial value.

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