

Type: RCP-105, RCP-105L

Product Description

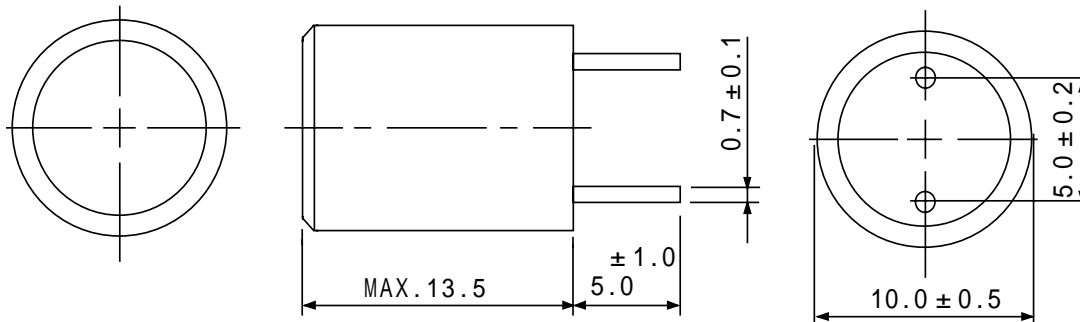
- 10.5mm Max. , 13.5mm(RCP-105);10.5mm(RCP-105L)Max. height.
- Inductance Range: 100mH ~ 1.5H(RCP-105);100 μ H ~ 47mH(RCP-105L).
- Rated Current Range: 14 ~ 420mA(RCP-105);14 ~ 420mA(RCP-105L).
- Custom design is available.

Feature

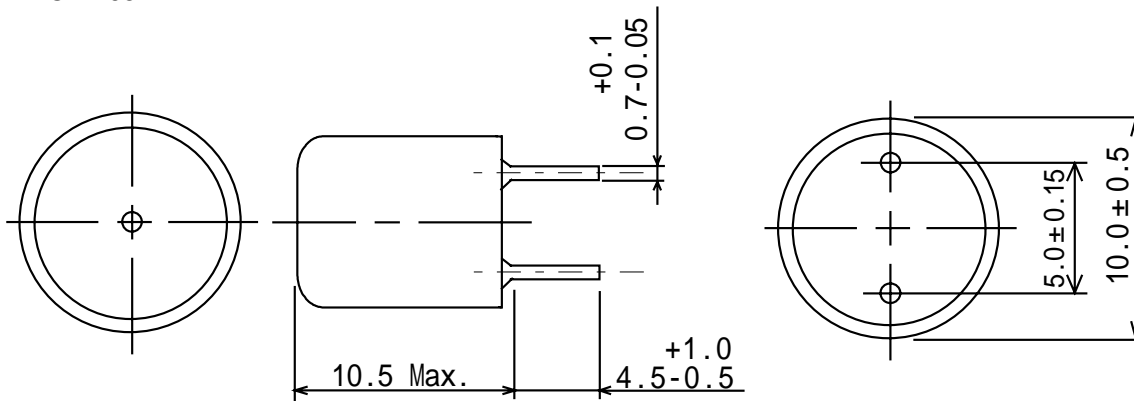
- Magnetically shielded construction.
- Ideally Used in Printers, LCD TV, Copy Machine, Mainboard of the compounding machines, etc as Power Supplies's Inductors or DC-DC Converter inductors.
- RoHS Compliance.

Dimensions (mm)

RCP-105



RCP-105L



Type: RCP-105, RCP-105L
Specification (RCP-105)

Part No.	Stamp	Inductance [Within] (at1kHz)	Unloaded Q [Min.] (at1kHz)	D.C.R.() [Max.] (at 20)
RCP1Ø5NP-1Ø4K	104K	100mH ± 10%	45	20
RCP1Ø5NP-124K	124K	120mH ± 10%	50	21
RCP1Ø5NP-154K	154K	150mH ± 10%	55	24
RCP1Ø5NP-184K	184K	180mH ± 10%	70	21
RCP1Ø5NP-224K	224K	220mH ± 10%	85	21.5
RCP1Ø5NP-274K	274K	270mH ± 10%	100	24
RCP1Ø5NP-334K	334K	330mH ± 10%	135	20
RCP1Ø5NP-394K	394K	390mH ± 10%	150	21
RCP1Ø5NP-474K	474K	470mH ± 10%	215	19
RCP1Ø5NP-564K	564K	560mH ± 10%	240	22
RCP1Ø5NP-684K	684K	680mH ± 10%	250	23
RCP1Ø5NP-824K	824K	820mH ± 10%	280	22.5
RCP1Ø5NP-1Ø5K	105K	1.0H ± 10%	460	18
RCP1Ø5NP-125K	125K	1.2H ± 10%	500	20
RCP1Ø5NP-155K	155K	1.5H ± 10%	570	21

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Specification(RCP-105L)

Part No.	Stamp	Inductance [Within] (at 1kHz)	Unloaded Q [Min.] (at100kHz)	D.C.R.() [Max.] (at 20)	Rated current (mA) [Ref.] 1
RCP1Ø5LNP-1Ø1K	101K	100µH ± 10%	30	0.20	420
RCP1Ø5LNP-121K	121K	120µH ± 10%	40	0.25	390
RCP1Ø5LNP-151K	151K	150µH ± 10%	45	0.30	340
RCP1Ø5LNP-181K	181K	180µH ± 10%	50	0.40	310
RCP1Ø5LNP-221K	221K	220µH ± 10%	50	0.45	280
RCP1Ø5LNP-271K	271K	270µH ± 10%	50	0.50	250
RCP1Ø5LNP-331K	331K	330µH ± 10%	60	0.70	230
RCP1Ø5LNP-391K	391K	390µH ± 10%	60	0.80	210
RCP1Ø5LNP-471K	471K	470µH ± 10%	75	0.90	190
RCP1Ø5LNP-561K	561K	560µH ± 10%	75	1.2	180
RCP1Ø5LNP-681K	681K	680µH ± 10%	80	1.3	160
RCP1Ø5LNP-821K	821K	820µH ± 10%	80	1.5	150
RCP1Ø5LNP-1Ø2K	102K	1.0mH ± 10%	80	2.0	130
RCP1Ø5LNP-122K	122K	1.2mH ± 10%	80	2.3	120
RCP1Ø5LNP-152K	152K	1.5mH ± 10%	80	3.1	110
RCP1Ø5LNP-182K	182K	1.8mH ± 10%	80	3.5	100
RCP1Ø5LNP-222K	222K	2.2mH ± 10%	80	4.1	90
RCP1Ø5LNP-272K	272K	2.7mH ± 10%	85	5.8	80
RCP1Ø5LNP-332K	332K	3.3mH ± 10%	85	6.6	70
RCP1Ø5LNP-392K	392K	3.9mH ± 10%	100	9.5	65
RCP1Ø5LNP-472K	472K	4.7mH ± 10%	100	11.0	60
RCP1Ø5LNP-562K	562K	5.6mH ± 10%	100	12.0	55
RCP1Ø5LNP-682K	682K	6.8mH ± 10%	100	14.0	50
RCP1Ø5LNP-822K	822K	8.2mH ± 10%	100	19.0	45
RCP1Ø5LNP-1Ø3K	103K	10mH ± 10%	100	22.0	40
RCP1Ø5LNP-123K	123K	12mH ± 10%	100	30.0	37
RCP1Ø5LNP-153K	153K	15mH ± 10%	100	35.0	33
RCP1Ø5LNP-183K	183K	18mH ± 10%	100	44.0	30
RCP1Ø5LNP-223K	223K	22mH ± 10%	100	50.0	28
RCP1Ø5LNP-273K	273K	27mH ± 10%	100	70.0	24
RCP1Ø5LNP-333K	333K	33mH ± 10%	80	80.0	22
RCP1Ø5LNP-393K	393K	39mH ± 10%	80	85.0	18
RCP1Ø5LNP-473K	473K	47mH ± 10%	80	100.0	14

1 Rated current: The DC current at which the inductance decreases to 90% of it's initial value or when $t=40$,whichever is lower($T_a = 20$).