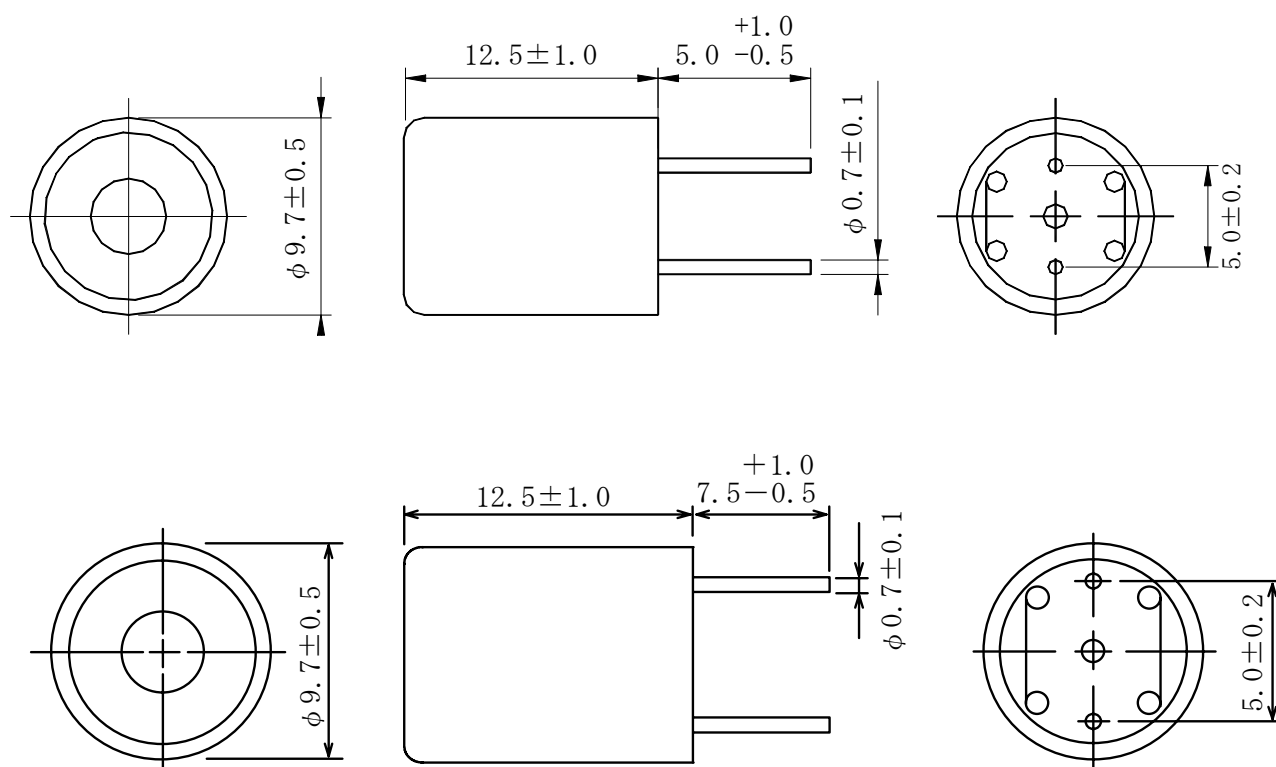


Type: RCP-095/12
◆ Product Description

- 10.2mm Max. ϕ , 13.5mm Max. height.
- Inductance Range: 1.0~100mH.
- Rated Current Range: 1.9~125mA.

◆ 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: RCP-095/12
◆ Specification - 1

Part No.	Stamp	Inductance <Within> ×1	Q u <MIN.> (at 50kHz)	Rated Current (mA)×2 [Ref.]	D.C.R. (Ω)<MAX.> (at 20°C)
RCP095NP-102K	102K	1.0mH±10%	70	60.0	1.6
RCP095NP-122K	122K	1.2mH±10%	75	54.0	1.9
RCP095NP-152K	152K	1.5mH±10%	75	52.0	2.4
RCP095NP-182K	182K	1.8mH±10%	80	43.0	2.7
RCP095NP-222K	222K	2.2mH±10%	80	39.0	3.2
RCP095NP-272K	272K	2.7mH±10%	80	33.0	4.5
RCP095NP-332K	332K	3.3mH±10%	80	29.0	5.0
RCP095NP-392K	392K	3.9mH±10%	85	25.0	5.7
RCP095NP-472K	472K	4.7mH±10%	85	23.0	6.4
RCP095NP-562K	562K	5.6mH±10%	85	21.0	9.0
RCP095NP-682K	682K	6.8mH±10%	85	20.5	11.0
RCP095NP-822K	822K	8.2mH±10%	85	19.3	12.2
RCP095NP-103K	103K	10mH±10%	90	18.0	15.5
RCP095NP-123K	123K	12mH±10%	90	14.5	18.3
RCP095NP-153K	153K	15mH±10%	95	14.0	25.0
RCP095NP-183K	183K	18mH±10%	95	13.0	28.0
RCP095NP-223K	223K	22mH±10%	95	12.0	32.0
RCP095NP-273K	273K	27mH±10%	90	11.5	45.0
RCP095NP-333K	333K	33mH±10%	90	11.0	52.0
RCP095NP-393K	393K	39mH±10%	90	9.5	71.0
RCP095NP-473K	473K	47mH±10%	90	8.5	80.0
RCP095NP-563K	563K	56mH±10%	85	7.5	91.0
RCP095NP-683K	683K	68mH±10%	80	6.5	93.0
RCP095NP-823K	823K	82mH±10%	75	4.3	104.0
RCP095NP-104K	104K	100mH±10%	80	4.0	125.0

Type: RCP-095/12
◆ Specification - 2

Part No.	Stamp	Inductance [Within] ※1	Qu [Min.] ※1	Rated current (m A)[Ref.] ※2	D.C.R.(Ω) [Max.] (at 20°C)
RCP095NP-102J	102J	1.0mH ± 5%	70	60.0	1.6
RCP095NP-122J	122J	1.2mH ± 5%	75	54.0	1.9
RCP095NP-152J	152J	1.5mH ± 5%	75	52.0	2.4
RCP095NP-182J	182J	1.8mH ± 5%	80	43.0	2.7
RCP095NP-222J	222J	2.2mH ± 5%	80	39.0	3.2
RCP095NP-272J	272J	2.7mH ± 5%	80	33.0	4.5
RCP095NP-332J	332J	3.3mH ± 5%	80	29.0	5.0
RCP095NP-392J	392J	3.9mH ± 5%	85	25.0	5.7
RCP095NP-472J	472J	4.7mH ± 5%	85	23.0	6.4
RCP095NP-562J	562J	5.6mH ± 5%	85	21.0	9.0
RCP095NP-682J	682J	6.8mH ± 5%	85	20.5	11.0
RCP095NP-822J	822J	8.2mH ± 5%	85	19.3	12.2
RCP095NP-103J	103J	10mH ± 5%	90	18.0	15.5
RCP095NP-123J	123J	12mH ± 5%	90	14.5	18.3
RCP095NP-153J	153J	15mH ± 5%	95	14.0	25.0
RCP095NP-183J	183J	18mH ± 5%	95	13.0	28.0
RCP095NP-223J	223J	22mH ± 5%	95	12.0	32.0
RCP095NP-273J	273J	27mH ± 5%	90	11.5	45.0
RCP095NP-333J	333J	33mH ± 5%	90	11.0	52.0
RCP095NP-393J	393J	39mH ± 5%	90	9.5	71.0
RCP095NP-473J	473J	47mH ± 5%	90	8.5	80.0
RCP095NP-563J	563J	56mH ± 5%	85	7.5	91.0
RCP095NP-683J	683J	68mH ± 5%	80	6.5	93.0
RCP095NP-823J	823J	82mH ± 5%	75	4.3	104.0
RCP095NP-104J	104J	100mH ± 5%	80	4.0	125.0

Type: RCP-095/12
◆ Specification - 3

Part No.	Stamp	Inductance [Within] ×1	Qu [Min.] ×1	Rated current (m A)[Ref.] ×2	D.C.R.(Ω) [Max.] (at 20°C)
RCP095NP-102K-5Ø	102K	1.0mH ± 10%	70	60.0	1.9
RCP095NP-122K-5Ø	122K	1.2mH ± 10%	75	54.0	2.1
RCP095NP-152K-5Ø	152K	1.5mH ± 10%	75	52.0	3.0
RCP095NP-182K-5Ø	182K	1.8mH ± 10%	80	43.0	3.3
RCP095NP-222K-5Ø	222K	2.2mH ± 10%	80	39.0	3.7
RCP095NP-272K-5Ø	272K	2.7mH ± 10%	80	33.0	5.5
RCP095NP-332K-5Ø	332K	3.3mH ± 10%	80	29.0	6.2
RCP095NP-392K-5Ø	392K	3.9mH ± 10%	85	25.0	7.0
RCP095NP-472K-5Ø	472K	4.7mH ± 10%	85	23.0	7.9
RCP095NP-562K-5Ø	562K	5.6mH ± 10%	85	21.0	11.0
RCP095NP-682K-5Ø	682K	6.8mH ± 10%	85	20.5	12.6
RCP095NP-822K-5Ø	822K	8.2mH ± 10%	85	19.3	14.5
RCP095NP-103K-5Ø	103K	10mH ± 10%	90	18.0	19.1
RCP095NP-123K-5Ø	123K	12mH ± 10%	90	14.5	21.7
RCP095NP-153K-5Ø	153K	15mH ± 10%	95	14.0	28.7
RCP095NP-183K-5Ø	183K	18mH ± 10%	95	13.0	33.0
RCP095NP-223K-5Ø	223K	22mH ± 10%	95	12.0	37.4
RCP095NP-273K-5Ø	273K	27mH ± 10%	90	11.5	53.0
RCP095NP-333K-5Ø	333K	33mH ± 10%	90	11.0	60.0
RCP095NP-393K-5Ø	393K	39mH ± 10%	90	9.5	82.3
RCP095NP-473K-5Ø	473K	47mH ± 10%	90	8.5	93.7
RCP095NP-563K-5Ø	563K	56mH ± 10%	85	7.5	105.0
RCP095NP-683K-5Ø	683K	68mH ± 10%	80	6.5	120.0
RCP095NP-823K-5Ø	823K	82mH ± 10%	75	4.3	130.0
RCP095NP-104K-5Ø	104K	100mH ± 10%	80	4.0	150.0

Type: RCP-095/12
◆ Specification - 4

Part No.	Stamp	Inductance [Within] ※1	Qu [Min.] ※1	Rated current (m A)[Ref.] ※2	D.C.R.(Ω) [Max.] (at 20°C)
RCP095NP-102J-5Ø	102J	1.0mH ± 5%	70	60.0	1.9
RCP095NP-122J-5Ø	122J	1.2mH ± 5%	75	54.0	2.1
RCP095NP-152J-5Ø	152J	1.5mH ± 5%	75	52.0	3.0
RCP095NP-182J-5Ø	182J	1.8mH ± 5%	80	43.0	3.3
RCP095NP-222J-5Ø	222J	2.2mH ± 5%	80	39.0	3.7
RCP095NP-272J-5Ø	272J	2.7mH ± 5%	80	33.0	5.5
RCP095NP-332J-5Ø	332J	3.3mH ± 5%	80	29.0	6.2
RCP095NP-392J-5Ø	392J	3.9mH ± 5%	85	25.0	7.0
RCP095NP-472J-5Ø	472J	4.7mH ± 5%	85	23.0	7.9
RCP095NP-562J-5Ø	562J	5.6mH ± 5%	85	21.0	11.0
RCP095NP-682J-5Ø	682J	6.8mH ± 5%	85	20.5	12.6
RCP095NP-822J-5Ø	822J	8.2mH ± 5%	85	19.3	14.5
RCP095NP-103J-5Ø	103J	10mH ± 5%	90	18.0	19.1
RCP095NP-123J-5Ø	123J	12mH ± 5%	90	14.5	21.7
RCP095NP-153J-5Ø	153J	15mH ± 5%	95	14.0	28.7
RCP095NP-183J-5Ø	183J	18mH ± 5%	95	13.0	33.0
RCP095NP-223J-5Ø	223J	22mH ± 5%	95	12.0	37.4
RCP095NP-273J-5Ø	273J	27mH ± 5%	90	11.5	53.0
RCP095NP-333J-5Ø	333J	33mH ± 5%	90	11.0	60.0
RCP095NP-393J-5Ø	393J	39mH ± 5%	90	9.5	82.3
RCP095NP-473J-5Ø	473J	47mH ± 5%	90	8.5	93.7
RCP095NP-563J-5Ø	563J	56mH ± 5%	85	7.5	105.0
RCP095NP-683J-5Ø	683J	68mH ± 5%	80	6.5	120.0
RCP095NP-823J-5Ø	823J	82mH ± 5%	75	4.3	130.0
RCP095NP-104J-5Ø	104J	100mH ± 5%	80	4.0	150.0

※1 Measuring frequency: Inductance, 1kHz. Qu 50kHz.

※2 Rated current: The DC current at which the inductance decreases 95% of it's initial value or when
 $\Delta t=40^{\circ}\text{C}$ whichever is lower($T_a=20^{\circ}\text{C}$).