

Type: MCDR1419, MCDR1419A

Product Description

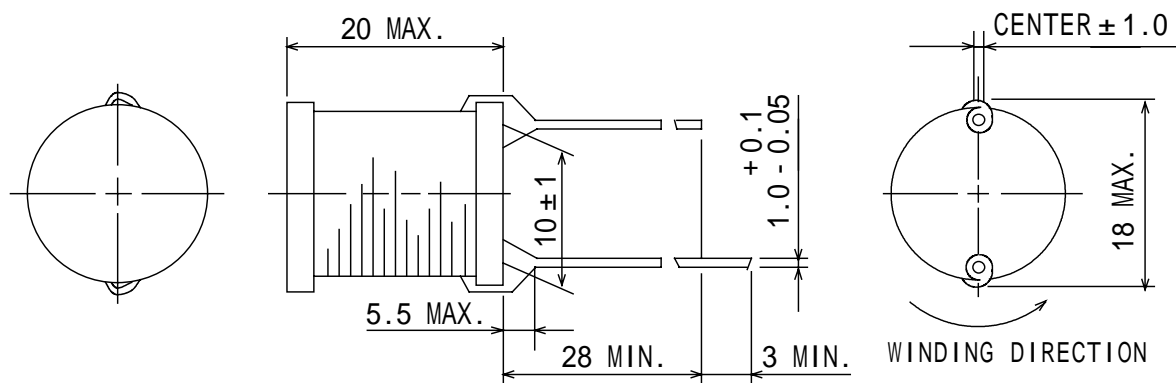
- 18.0mm Max. ϕ , 20.0mm Max. Height.
- Inductance range: 22 ~ 1000 μ H
- Rated current range: 1.0 ~ 5.7A(MCDR1419), 1.1 ~ 5.1A(MCDR1419A).
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



Feature

- Magnetically unshielded 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 (MCDR1419)

Part Name	Stamp	Inductance [Within] (at 1kHz)	D.C.R.() [Max.] (at 20)	Rated Current (A) 1
MCDR1419NP-220M	220M	22 μ H \pm 20 %	30m	5.7
MCDR1419NP-270M	270M	27 μ H \pm 20 %	33m	5.0
MCDR1419NP-330K	330K	33 μ H \pm 10 %	35m	4.8
MCDR1419NP-390K	390K	39 μ H \pm 10 %	38m	4.5
MCDR1419NP-470K	470K	47 μ H \pm 10 %	44m	4.2
MCDR1419NP-560K	560K	56 μ H \pm 10 %	48m	4.0
MCDR1419NP-680K	680K	68 μ H \pm 10 %	55m	3.8
MCDR1419NP-820K	820K	82 μ H \pm 10 %	66m	3.5
MCDR1419NP-101K	101K	100 μ H \pm 10 %	82m	3.2
MCDR1419NP-121K	121K	120 μ H \pm 10 %	98m	3.0
MCDR1419NP-151K	151K	150 μ H \pm 10 %	0.11	2.7
MCDR1419NP-181K	181K	180 μ H \pm 10 %	0.13	2.5
MCDR1419NP-221K	221K	220 μ H \pm 10 %	0.16	2.3
MCDR1419NP-271K	271K	270 μ H \pm 10 %	0.19	2.0
MCDR1419NP-331K	331K	330 μ H \pm 10 %	0.26	1.8
MCDR1419NP-391K	391K	390 μ H \pm 10 %	0.29	1.7
MCDR1419NP-471K	471K	470 μ H \pm 10 %	0.33	1.5
MCDR1419NP-561K	561K	560 μ H \pm 10 %	0.41	1.4
MCDR1419NP-681K	681K	680 μ H \pm 10 %	0.46	1.3
MCDR1419NP-821K	821K	820 μ H \pm 10 %	0.63	1.1
MCDR1419NP-102K	102K	1.0 mH \pm 10 %	0.71	1.0

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Specification(MCDR1419A)

Part Name	Stamp	Inductance [Within] (at 1kHz)	D.C.R.[TYP] [Max.] () (at 20)	Rated Current (A) 3
MCDR1419ANP-22ØM	220M	22 µ H ± 20%	28.5m(21.0m)	5.1
MCDR1419ANP-27ØM	270M	27 µ H ± 20%	30.0m(22.0m)	4.9
MCDR1419ANP-33ØK	330K	33 µ H ± 10%	31.5m(23.5m)	4.7
MCDR1419ANP-39ØK	390K	39 µ H ± 10%	36.5m(27.0m)	4.3
MCDR1419ANP-47ØK	470K	47 µ H ± 10%	41.0m(30.5m)	4.3
MCDR1419ANP-56ØK	560K	56 µ H ± 10%	46.5m(34.5m)	3.9
MCDR1419ANP-68ØK	680K	68 µ H ± 10%	56.5m(42.0m)	3.8
MCDR1419ANP-82ØK	820K	82 µ H ± 10%	65.5m(48.5m)	3.5
MCDR1419ANP-1Ø1K	101K	100 µ H ± 10%	72.0m(53.5m)	3.4
MCDR1419ANP-121K	121K	120 µ H ± 10%	81.5m(60.5m)	3.0
MCDR1419ANP-151K	151K	150 µ H ± 10%	105.0m(77.5m)	3.0
MCDR1419ANP-181K	181K	180 µ H ± 10%	114.5m(85.0m)	2.7
MCDR1419ANP-221K	221K	220 µ H ± 10%	0.15(0.11)	2.5
MCDR1419ANP-271K	271K	270 µ H ± 10%	0.19(0.14)	2.4
MCDR1419ANP-331K	331K	330 µ H ± 10%	0.22(0.16)	2.1
MCDR1419ANP-391K	391K	390 µ H ± 10%	0.27(0.20)	1.9
MCDR1419ANP-471K	471K	470 µ H ± 10%	0.31(0.23)	1.7
MCDR1419ANP-561K	561K	560 µ H ± 10%	0.39(0.29)	1.5
MCDR1419ANP-681K	681K	680 µ H ± 10%	0.43(0.32)	1.3
MCDR1419ANP-821K	821K	820 µ H ± 10%	0.58(0.43)	1.2
MCDR1419ANP-1Ø2K	102K	1.0 mH ± 10%	0.65(0.48)	1.1

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