

Type: MCDR1419, MCDR1419A

Product Description

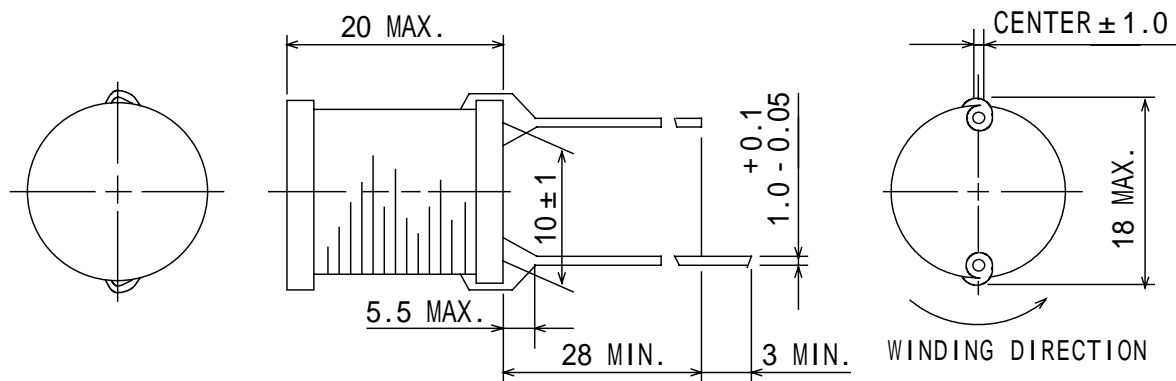
- 18.0mm Max. ϕ , 20.0mm Max. Height.
- Inductance range: 22 ~ 1000 μ H
- Rated current range: 1.0 ~ 5.7A(MCDR1419), 1.1 ~ 5.1A(MCDR1419A).
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.



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)



Type: MCDR1419, MCDR1419A
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 |

Type: MCDR1419, MCDR1419A
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 ($T_a=20$)