

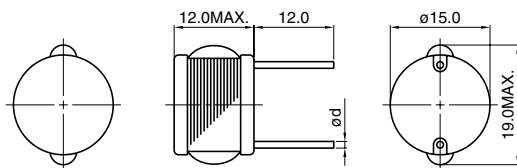
OUTLINE

The followings are low inductance and strong current choke coils used in DC-DC converters.

MCDR series
MCDR1511

 (47 μ H - 1.5mH)

DIMENSIONS(mm)

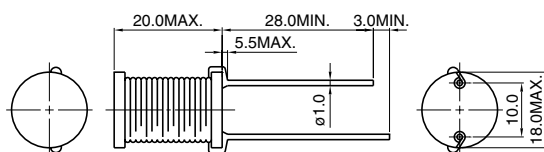


CONSTRUCTION


MCDR1419

 (22 μ H - 1.0mH)

DIMENSIONS(mm)



CONSTRUCTION


SPECIFICATIONS

() Typical

*Measuring frequency of Inductance

1kHz

Parts No.	Stamp	Inductance (Max.)	D.C.R.(Ω):Max.	Rated Current	ϕ d (mm)
MCDR1511 - 470M	470M	47 μ H \pm 20%	60m	3.5	1.6 \pm 0.3
MCDR1511 - 680K	680K	68 μ H \pm 10%	80m	3.0	1.4 \pm 0.3
MCDR1511 - 101K	101K	100 μ H \pm 10%	100m	3.0	1.4 \pm 0.3
MCDR1511 - 151K	151K	150 μ H \pm 10%	160m	2.0	1.2 \pm 0.3
MCDR1511 - 221K	221K	220 μ H \pm 10%	260m	1.5	1.0 \pm 0.3
MCDR1511 - 331K	331K	330 μ H \pm 10%	320m	1.5	1.0 \pm 0.3
MCDR1511 - 471K	471K	470 μ H \pm 10%	430m	1.0	0.9 \pm 0.2
MCDR1511 - 681K	681K	680 μ H \pm 10%	660m	800m	0.8 \pm 0.2
MCDR1511 - 102K	102K	1.0mH \pm 10%	1.04	700m	0.7 \pm 0.2
MCDR1511 - 152K	152K	1.5mH \pm 10%	1.61	600m	0.64 \pm 0.2

Parts No.	Stamp	Inductance (Max.)	D.C.R.(Ω):Max.	Rated Current	Rated Current *1 It is either the inductance is 10% lower than its initial value in D.C. saturation characteristics or temperature raise becomes $\Delta T=40^{\circ}C$ ($T_a=20^{\circ}C$), whichever is lower.
MCDR1419 - 220M	220M	22 μ H \pm 20%	30m	5.7	
MCDR1419 - 270M	270M	27 μ H \pm 20%	33m	5.0	
MCDR1419 - 330K	330K	33 μ H \pm 10%	35m	4.8	
MCDR1419 - 390K	390K	39 μ H \pm 10%	38m	4.5	
MCDR1419 - 470K	470K	47 μ H \pm 10%	44m	4.2	
MCDR1419 - 560K	560K	56 μ H \pm 10%	48m	4.0	
MCDR1419 - 680K	680K	68 μ H \pm 10%	55m	3.8	
MCDR1419 - 820K	820K	82 μ H \pm 10%	66m	3.5	
MCDR1419 - 101K	101K	100 μ H \pm 10%	82m	3.2	
MCDR1419 - 121K	121K	120 μ H \pm 10%	98m	3.0	
MCDR1419 - 151K	151K	150 μ H \pm 10%	110m	2.7	
MCDR1419 - 181K	181K	180 μ H \pm 10%	130m	2.5	
MCDR1419 - 221K	221K	220 μ H \pm 10%	160m	2.3	
MCDR1419 - 271K	271K	270 μ H \pm 10%	190m	2.0	
MCDR1419 - 331K	331K	330 μ H \pm 10%	260m	1.8	
MCDR1419 - 391K	391K	390 μ H \pm 10%	290m	1.7	
MCDR1419 - 471K	471K	470 μ H \pm 10%	330m	1.5	
MCDR1419 - 561K	561K	560 μ H \pm 10%	410m	1.4	
MCDR1419 - 681K	681K	680 μ H \pm 10%	460m	1.3	
MCDR1419 - 821K	821K	820 μ H \pm 10%	630m	1.1	
MCDR1419 - 102K	102K	1.0mH \pm 10%	710m	1.0	