

MCTD1419 TYPE

Part Number	Inductance	MAX.DC Resistance	Max.Rated Current
Units	uH	Ω	mA
Symbol	L_{OA}	DCR	I_r
MCTD1419-220M	$22 \pm 20\%$	0.03	5.1
MCTD1419-270M	$27 \pm 20\%$	0.033	4.9
MCTD1419-330K	$33 \pm 10\%$	0.035	4.7
MCTD1419-390K	$39 \pm 10\%$	0.038	4.3
MCTD1419-470K	$47 \pm 10\%$	0.044	4.3
MCTD1419-560K	$56 \pm 10\%$	0.048	3.9
MCTD1419-680K	$68 \pm 10\%$	0.055	3.8
MCTD1419-820K	$82 \pm 10\%$	0.066	3.5
MCTD1419-101K	$100 \pm 10\%$	0.082	3.4
MCTD1419-121K	$120 \pm 10\%$	0.098	3.0
MCTD1419-151K	$150 \pm 10\%$	0.11	3.0
MCTD1419-181K	$180 \pm 10\%$	0.13	2.7
MCTD1419-221K	$220 \pm 10\%$	0.16	2.5
MCTD1419-271K	$270 \pm 10\%$	0.19	2.4
MCTD1419-331K	$330 \pm 10\%$	0.26	2.1
MCTD1419-391K	$390 \pm 10\%$	0.29	1.9
MCTD1419-471K	$470 \pm 10\%$	0.33	1.7
MCTD1419-561K	$560 \pm 10\%$	0.41	1.5
MCTD1419-681K	$680 \pm 10\%$	0.46	1.3
MCTD1419-821K	$820 \pm 10\%$	0.63	1.2
MCTD1419-102K	$1000 \pm 10\%$	0.71	1.1

MCTD1419A TYPE

Part Number	Inductance	MAX(TYP).DC Resistance	Max.Rated Current
Units	uH	Ω	mA
Symbol	L _{0A}	DCR	I _r
MCTD1419A-220M	22 ± 20%	0.0285(0.021)	5.7
MCTD1419A-270M	27 ± 20%	0.03(0.022)	5.0
MCTD1419A-330K	33 ± 10%	0.0315(0.0235)	4.8
MCTD1419A-390K	39 ± 10%	0.0365(0.027)	4.5
MCTD1419A-470K	47 ± 10%	0.041(0.0305)	4.2
MCTD1419A-560K	56 ± 10%	0.0465(0.0345)	4.0
MCTD1419A-680K	68 ± 10%	0.0565(0.042)	3.8
MCTD1419A-820K	82 ± 10%	0.0655(0.0485)	3.5
MCTD1419A-101K	100 ± 10%	0.072(0.0535)	3.2
MCTD1419A-121K	120 ± 10%	0.0815(0.0605)	3.0
MCTD1419A-151K	150 ± 10%	0.105(0.0775)	2.7
MCTD1419A-181K	180 ± 10%	0.1145(0.085)	2.5
MCTD1419A-221K	220 ± 10%	0.15(0.11)	2.3
MCTD1419A-271K	270 ± 10%	0.19(0.14)	2.0
MCTD1419A-331K	330 ± 10%	0.22(0.16)	1.8
MCTD1419A-391K	390 ± 10%	0.27(0.20)	1.7
MCTD1419A-471K	470 ± 10%	0.31(0.23)	1.5
MCTD1419A-561K	560 ± 10%	0.39(0.29)	1.4
MCTD1419A-681K	680 ± 10%	0.43(0.32)	1.3
MCTD1419A-821K	820 ± 10%	0.58(0.43)	1.1
MCTD1419A-102K	1000 ± 10%	0.65(0.48)	1.0

- Measuring frequency(L): AT 1KHz 0.25V
- Tolerance of inductance: “N” ± 30% “M” ± 20% “K” ± 150%
- Characteristics:

1.Rter DC Current:Based on the maximum inductance decrease of 35% maximum, and the temperature does not exceed 40 degrees

2.Operating temperature:-25° C to 85° C