

MCTD1016 TYPE

Part Number	Inductance	L Test Condition	Min.Self-resonant Frequency	MAX.DC Resistance	Max.Rated Current
Units	uH	Hz,V	MHZ	Ω	A
Symbol	L_{0A}	-	S.R.F	DCR	I_r
MCTD1016-3R3M	3.3 ± 20%	1K,0.25	7.96 MHZ	0.015	8.50
MCTD1016-3R9M	3.9 ± 20%	1K,0.25	7.96 MHZ	0.015	8.00
MCTD1016-4R7M	4.7 ± 20%	1K,0.25	7.96 MHZ	0.020	7.50
MCTD1016-5R6K	5.6 ± 20%	1K,0.25	7.96 MHZ	0.025	7.50
MCTD1016-6R8K	6.8 ± 20%	1K,0.25	7.96 MHZ	0.025	7.50
MCTD1016-8R2K	8.2 ± 20%	1K,0.25	7.96 MHZ	0.025	7.20
MCTD1016-200K	10 ± 10%	1K,0.25	2.52 MHZ	0.030	7.20
MCTD1016-120K	12 ± 10%	1K,0.25	2.52 MHZ	0.030	7.00
MCTD1016-150K	15 ± 10%	1K,0.25	2.52 MHZ	0.035	6.50
MCTD1016-180K	18 ± 10%	1K,0.25	2.52 MHZ	0.035	6.30
MCTD1016-220K	22 ± 10%	1K,0.25	2.52 MHZ	0.045	5.50
MCTD1016-270K	27 ± 10%	1K,0.25	2.52 MHZ	0.050	4.50
MCTD1016-330K	33 ± 10%	1K,0.25	2.52 MHZ	0.070	4.00
MCTD1016-390K	39 ± 10%	1K,0.25	2.52 MHZ	0.070	3.80
MCTD1016-470K	47 ± 10%	1K,0.25	2.52 MHZ	0.070	3.60
MCTD1016-560K	56 ± 10%	1K,0.25	2.52 MHZ	0.080	3.20
MCTD1016-680K	68 ± 10%	1K,0.25	2.52 MHZ	0.090	3.00
MCTD1016-820K	82 ± 10%	1K,0.25	2.52 MHZ	0.095	2.60
MCTD1016-101K	100 ± 10%	1K,0.25	796 KHZ	0.120	2.50
MCTD1016-121K	120 ± 10%	1K,0.25	796 KHZ	0.140	2.30
MCTD1016-151K	150 ± 10%	1K,0.25	796 KHZ	0.117	2.10
MCTD1016-181K	180 ± 10%	1K,0.25	796 KHZ	0.190	2.00
MCTD1016-221K	220 ± 10%	1K,0.25	796 KHZ	0.250	1.80
MCTD1016-271K	270 ± 10%	1K,0.25	796 KHZ	0.340	1.50
MCTD1016-331K	330 ± 10%	1K,0.25	796 KHZ	0.450	1.50
MCTD1016-391K	390 ± 10%	1K,0.25	796 KHZ	0.510	1.30
MCTD1016-471K	470 ± 10%	1K,0.25	796 KHZ	0.560	1.20
MCTD1016-561K	560 ± 10%	1K,0.25	796 KHZ	0.640	1.00
MCTD1016-681K	680 ± 10%	1K,0.25	796 KHZ	0.710	1.00
MCTD1016-821K	820 ± 10%	1K,0.25	796 KHZ	1.010	0.90
MCTD1016-102K	1000 ± 10%	1K,0.25	252KHZ	1.200	0.80

- Measuring frequency(L):AT 1KHz 0.25v
- Tolerance of inductance:: “N” ± 30% “M” ± 20%: “K” ± 15%
- Characteristics:
 - 1.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