

MCTS1009 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
MCTS1009-100M	10 ± 20%	1K,0.25	2.52 MHZ	0.05	2.8
MCTS1009-120M	12 ± 20%	1K,0.25	2.52 MHZ	0.06	2.5
MCTS1009-150M	15 ± 20%	1K,0.25	2.52 MHZ	0.07	2.3
MCTS1009-180M	18 ± 20%	1K,0.25	2.52 MHZ	0.08	2.1
MCTS1009-220M	22 ± 20%	1K,0.25	2.52 MHZ	0.09	2
MCTS1009-270M	27 ± 20%	1K,0.25	2.52 MHZ	0.1	1.76
MCTS1009-330M	33 ± 20%	1K,0.25	2.52 MHZ	0.11	1.6
MCTS1009-390M	39 ± 20%	1K,0.25	2.52 MHZ	0.12	1.38
MCTS1009-470M	47 ± 20%	1K,0.25	2.52 MHZ	0.14	1.28
MCTS1009-560M	56 ± 20%	1K,0.25	2.52 MHZ	0.15	1.2
MCTS1009-680M	68 ± 20%	1K,0.25	2.52 MHZ	0.16	1
MCTS1009-820M	82 ± 20%	1K,0.25	2.52 MHZ	0.18	0.96
MCTS1009-101M	100 ± 20%	1K,0.25	796 KHZ	0.2	0.92
MCTS1009-121M	120 ± 20%	1K,0.25	796 KHZ	0.24	0.8
MCTS1009-151M	150 ± 20%	1K,0.25	796 KHZ	0.35	0.73
MCTS1009-181M	180 ± 20%	1K,0.25	796 KHZ	0.4	0.64
MCTS1009-221M	220 ± 20%	1K,0.25	796 KHZ	0.54	0.61
MCTS1009-331M	330 ± 20%	1K,0.25	796 KHZ	0.86	0.5
MCTS1009-471M	470 ± 20%	1K,0.25	796 KHZ	1.23	0.41
MCTS1009-681M	680 ± 20%	1K,0.25	796 KHZ	1.53	0.34
MCTS1009-102M	1000 ± 20%	1K,0.25	252 KHZ	2.3	0.28

MCTS1012 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
MCTS1012-2R2M	2.2 ± 20%	1K,0.25	7.96 MHZ	0.016	5.1
MCTS1012-3R3M	3.3 ± 20%	1K,0.25	7.96 MHZ	0.018	4.8
MCTS1012-4R7M	4.7 ± 20%	1K,0.25	7.96 MHZ	0.019	4.5
MCTS1012-6R8M	6.8 ± 20%	1K,0.25	2.52 MHZ	0.021	4.1
MCTS1012-100M	10 ± 20%	1K,0.25	2.52 MHZ	0.023	3.6
MCTS1012-150M	15 ± 20%	1K,0.25	2.52 MHZ	0.036	3.4
MCTS1012-220M	22 ± 20%	1K,0.25	2.52 MHZ	0.039	2.51

MCTS1012 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
MCTS1012-330M	33 ± 20%	1K,0.25	2.52 MHZ	0.055	2.2
MCTS1012-470M	47 ± 20%	1K,0.25	2.52 MHZ	0.092	1.9
MCTS1012-680M	68 ± 20%	1K,0.25	2.52 MHZ	0.143	1.7
MCTS1012-101M	100 ± 20%	1K,0.25	796 KHZ	0.176	1.5
MCTS1012-151M	150 ± 20%	1K,0.25	796 KHZ	0.213	1
MCTS1012-181M	180 ± 20%	1K,0.25	796 KHZ	0.243	0.8
MCTS1012-221M	220 ± 20%	1K,0.25	796 KHZ	0.276	0.75
MCTS1012-331M	330 ± 20%	1K,0.25	796 KHZ	0.494	0.65
MCTS1012-471M	470 ± 20%	1K,0.25	796 KHZ	0.97	0.56
MCTS1012-681M	680 ± 20%	1K,0.25	796 KHZ	1.15	0.5
MCTS1012-102M	1000 ± 20%	1K,0.25	252 KHZ	1.43	0.4

MCTS1014 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
MCTS1014-4R7M	4.7 ± 20%	1K,0.25	7.96 MHZ	0.016	4.9
MCTS1014-6R8M	6.8 ± 20%	1K,0.25	7.96 MHZ	0.018	4.5
MCTS1014-100M	10 ± 20%	1K,0.25	2.52 MHZ	0.02	3.8
MCTS1014-150M	15 ± 20%	1K,0.25	2.52 MHZ	0.031	3.6
MCTS1014-220M	22 ± 20%	1K,0.25	2.52 MHZ	0.034	2.7
MCTS1014-330M	33 ± 20%	1K,0.25	2.52 MHZ	0.045	2.5
MCTS1014-470M	47 ± 20%	1K,0.25	2.52 MHZ	0.079	2.1
MCTS1014-680M	68 ± 20%	1K,0.25	2.52 MHZ	0.132	1.9
MCTS1014-101M	100 ± 20%	1K,0.25	796 KHZ	0.156	1.3
MCTS1014-151M	150 ± 20%	1K,0.25	796 KHZ	0.187	1.2
MCTS1014-181M	180 ± 20%	1K,0.25	796 KHZ	0.215	1
MCTS1014-221M	220 ± 20%	1K,0.25	796 KHZ	0.35	0.87
MCTS1014-331M	330 ± 20%	1K,0.25	796 KHZ	0.46	0.78
MCTS1014-471M	470 ± 20%	1K,0.25	796 KHZ	0.78	0.69
MCTS1014-681M	680 ± 20%	1K,0.25	796 KHZ	1.02	0.61
MCTS1014-102M	1000 ± 20%	1K,0.25	252 KHZ	1.23	0.52