

**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 <sub>0A</sub>	-	S.R.F	DCR	I <sub>r</sub>
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 <sub>0A</sub>	-	S.R.F	DCR	I <sub>r</sub>
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