

MCTS1723 TYPE

Part Number	Inductance	L Test Condition	Min.Self-resonant Frequency	MAX.DC Resistance	Max.Rated Current
Units	uH	Hz,V	MHZ	Ω	mA
Symbol	L _{0A}	-	S.R.F	DCR	I _r
MCTS1723-330M	33 ± 20%	1K,0.25	2.52 MHZ	0.015	5.1
MCTS1723-470M	47 ± 20%	1K,0.25	2.52 MHZ	0.02	4.52
MCTS1723-680M	68 ± 20%	1K,0.25	2.52 MHZ	0.037	3.87
MCTS1723-101M	100 ± 20%	1K,0.25	796 KHZ	0.061	3.4
MCTS1723-151M	150 ± 20%	1K,0.25	796 KHZ	0.068	3.02
MCTS1723-181M	180 ± 20%	1K,0.25	796 KHZ	0.092	2.58
MCTS1723-221M	220 ± 20%	1K,0.25	796 KHZ	0.11	2.3
MCTS1723-331M	330 ± 20%	1K,0.25	796 KHZ	0.21	1.72
MCTS1723-471M	470 ± 20%	1K,0.25	796 KHZ	0.39	1.56
MCTS1723-681M	680 ± 20%	1K,0.25	796 KHZ	0.52	1.45
MCTS1723-102M	1000 ± 20%	1K,0.25	252 KHZ	0.61	1.3
MCTS1723-152M	1500 ± 20%	1K,0.25	252 KHZ	0.72	1
MCTS1723-182M	1800 ± 20%	1K,0.25	252 KHZ	0.87	0.87
MCTS1723-222M	2200 ± 20%	1K,0.25	252 KHZ	1	0.8
MCTS1723-332M	3300 ± 20%	1K,0.25	252 KHZ	1.23	0.6
MCTS1723-472M	4700 ± 20%	1K,0.25	252 KHZ	1.4	0.5
MCTS1723-682M	6800 ± 20%	1K,0.25	252 KHZ	1.6	0.41

- 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