

**MCTD0810 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 <sub>0A</sub>	-	S.R.F	DCR	I <sub>r</sub>
MCTD0810-222K	2200 ± 10%	1K,0.25	252 KHZ	3.3	190
MCTD0810-272K	2700 ± 10%	1K,0.25	252 KHZ	5.0	170
MCTD0810-332K	3300 ± 10%	1K,0.25	252 KHZ	5.6	150
MCTD0810-392K	3900 ± 10%	1K,0.25	252 KHZ	6.2	140
MCTD0810-472K	4700 ± 10%	1K,0.25	252 KHZ	7.0	130
MCTD0810-562K	5600 ± 10%	1K,0.25	252 KHZ	9.1	120
MCTD0810-682K	6800 ± 10%	1K,0.25	252 KHZ	10	110
MCTD0810-822K	8200 ± 10%	1K,0.25	252 KHZ	15	100
MCTD0810-103K	10000 ± 10%	1K,0.25	79.6 KHZ	24	90
MCTD0810-473K	47000 ± 10%	1K,0.25	79.6 KHZ	80	40
MCTD0810-104K	10000 ± 10%	1K,0.25	79.6 KHZ	180	28

**MCTD0912 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>
MCTD0912-1R0M	1.0 ± 20%	1K,0.25	7.96 MHZ	0.015	5.00
MCTD0912-1R5M	1.5 ± 20%	1K,0.25	7.96 MHZ	0.015	5.00
MCTD0912-1R8M	1.8 ± 20%	1K,0.25	7.96 MHZ	0.015	5.00
MCTD0912-2R2M	2.2 ± 20%	1K,0.25	7.96 MHZ	0.015	5.00
MCTD0912-3R3M	3.3 ± 20%	1K,0.25	7.96 MHZ	0.020	4.80
MCTD0912-3R9M	3.9 ± 20%	1K,0.25	7.96 MHZ	0.020	4.80
MCTD0912-4R7M	4.7 ± 20%	1K,0.25	7.96 MHZ	0.020	4.50
MCTD0912-5R6K	5.6 ± 20%	1K,0.25	7.96 MHZ	0.025	4.00
MCTD0912-6R8K	6.8 ± 20%	1K,0.25	7.96 MHZ	0.025	3.90
MCTD0912-8R2K	8.2 ± 20%	1K,0.25	7.96 MHZ	0.025	3.50
MCTD0912-100K	10 ± 10%	1K,0.25	2.52 MHZ	0.030	3.40
MCTD0912-120K	12 ± 10%	1K,0.25	2.52 MHZ	0.030	3.20
MCTD0912-150K	15 ± 10%	1K,0.25	2.52 MHZ	0.040	3.00
MCTD0912-180K	18 ± 10%	1K,0.25	2.52 MHZ	0.045	2.80
MCTD0912-220K	22 ± 10%	1K,0.25	2.52 MHZ	0.050	2.70
MCTD0912-270K	27 ± 10%	1K,0.25	2.52 MHZ	0.055	2.50
MCTD0912-330K	33 ± 10%	1K,0.25	2.52 MHZ	0.055	2.50

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MCTD0912-390K	39 ± 10%	1K,0.25	2.52 MHZ	0.060	2.00
MCTD0912-470K	47 ± 10%	1K,0.25	2.52 MHZ	0.070	1.80
MCTD0912-560K	56 ± 10%	1K,0.25	2.52 MHZ	0.080	1.70
MCTD0912-680K	68 ± 10%	1K,0.25	2.52 MHZ	0.090	1.50
MCTD0912-820K	82 ± 10%	1K,0.25	2.52 MHZ	0.110	1.40
MCTD0912-101K	100 ± 10%	1K,0.25	796 KHZ	0.160	1.20
MCTD0912-121K	120 ± 10%	1K,0.25	796 KHZ	0.170	1.10
MCTD0912-151K	150 ± 10%	1K,0.25	796 KHZ	0.200	1.00
MCTD0912-181K	180 ± 10%	1K,0.25	796 KHZ	0.220	0.90
MCTD0912-221K	220 ± 10%	1K,0.25	796 KHZ	0.260	0.80
MCTD0912-271K	270 ± 10%	1K,0.25	796 KHZ	0.390	0.70
MCTD0912-331K	330 ± 10%	1K,0.25	796 KHZ	0.450	0.50
MCTD0912-391K	390 ± 10%	1K,0.25	796 KHZ	0.490	0.45
MCTD0912-471K	470 ± 10%	1K,0.25	796 KHZ	0.620	0.43
MCTD0912-561K	560 ± 10%	1K,0.25	796 KHZ	0.640	0.40
MCTD0912-681K	680 ± 10%	1K,0.25	796 KHZ	0.790	0.38
MCTD0912-821K	820 ± 10%	1K,0.25	796 KHZ	1.340	0.35
MCTD0912-102K	1000 ± 10%	1K,0.25	252 KHZ	1.820	0.30

**MCTD0808 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>
MCTD0808-220L	22 ± 15%	1K,0.25	2.52 MHZ	0.080	1.60
MCTD0808-270L	27 ± 15%	1K,0.25	2.52 MHZ	0.100	1.40
MCTD0808-330L	33 ± 15%	1K,0.25	2.52 MHZ	0.140	1.30
MCTD0808-390L	39 ± 15%	1K,0.25	2.52 MHZ	0.150	1.20
MCTD0808-470L	47 ± 15%	1K,0.25	2.52 MHZ	0.170	1.10
MCTD0808-560K	56 ± 10%	1K,0.25	2.52 MHZ	0.190	0.99
MCTD0808-680K	68 ± 10%	1K,0.25	2.52 MHZ	0.210	0.89
MCTD0808-820K	82 ± 10%	1K,0.25	2.52 MHZ	0.270	0.81
MCTD0808-101K	100 ± 10%	1K,0.25	796 KHZ	0.320	0.74
MCTD0808-121K	120 ± 10%	1K,0.25	796 KHZ	0.360	0.67