

## Inductors

Sep. 16, 2019  
Simple Model

Commercial Grade for Decoupling Circuits / MLZ2012 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
MLZ2012DR10DT000	0.1	430	1.114	0.0700
MLZ2012DR22DT000	0.22	1,200	1.474	0.1300
MLZ2012DR47DT000	0.47	3,200	1.043	0.1800
MLZ2012A1R0WT000	1	800	1.339	0.1000
MLZ2012N1R0LT000	1	460	1.031	0.0600
MLZ2012M1R0HT000	1	1,200	0.902	0.1000
MLZ2012A1R5WT000	1.5	1,200	1.356	0.1300
MLZ2012N1R5LT000	1.5	730	0.989	0.1000
MLZ2012M1R5HT000	1.5	1,700	1.263	0.1400
MLZ2012A2R2WT000	2.2	1,900	1.391	0.1500
MLZ2012N2R2LT000	2.2	990	1.121	0.1200
MLZ2012M2R2HT000	2.2	2,200	1.415	0.1600
MLZ2012A3R3WT000	3.3	3,100	1.466	0.3400
MLZ2012N3R3LT000	3.3	1,500	1.221	0.1500
MLZ2012M3R3HT000	3.3	3,400	1.548	0.2000
MLZ2012M4R7WT000	4.7	3,200	1.407	0.3000
MLZ2012N4R7LT000	4.7	2,100	1.426	0.1900
MLZ2012M4R7HT000	4.7	4,300	1.574	0.3400
MLZ2012N6R8LT000	6.8	2,800	1.914	0.2500
MLZ2012M6R8HT000	6.8	7,000	1.768	0.4000
MLZ2012M6R8WT000	6.8	5,300	1.526	0.4000
MLZ2012M100HT000	10	12,000	1.832	0.6800
MLZ2012M100WT000	10	8,100	1.966	0.4700
MLZ2012N100LT000	10	4,400	1.640	0.3000
MLZ2012M150WT000	15	14,000	1.544	0.9500
MLZ2012N150LT000	15	7,000	1.895	0.4700
MLZ2012M220WT000	22	24,000	1.939	2.0000
MLZ2012N220LT000	22	13,000	1.891	0.6700
MLZ2012P220WT000	22	30,000	1.926	0.6700
MLZ2012M330WT000	33	57,000	1.762	2.6000
MLZ2012M470WT000	47	92,000	2.175	3.7000
MLZ2012N101LT000	100	55,000	1.169	3.5000