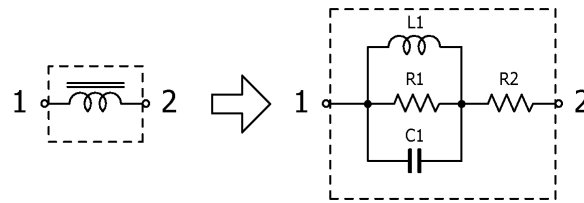


## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Automotive Grade for Decoupling Circuits / MLZ2012 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
MLZ2012DR10DTD25	0.10	430	1.114	0.0700
MLZ2012DR22DTD25	0.22	1,200	1.474	0.1300
MLZ2012DR47DTD25	0.47	3,200	1.043	0.1800
MLZ2012A1R0WTD25	1.0	800	1.339	0.1000
MLZ2012M1R0HTD25	1.0	1,200	0.902	0.1000
MLZ2012N1R0LTD25	1.0	460	1.031	0.0600
MLZ2012A1R5WTD25	1.5	1,200	1.356	0.1300
MLZ2012M1R5HTD25	1.5	1,700	1.263	0.1400
MLZ2012N1R5LTD25	1.5	730	0.989	0.1000
MLZ2012A2R2WTD25	2.2	1,900	1.391	0.1500
MLZ2012M2R2HTD25	2.2	2,200	1.415	0.1600
MLZ2012N2R2LTD25	2.2	990	1.121	0.1200
MLZ2012A3R3WTD25	3.3	3,100	1.466	0.3400
MLZ2012M3R3HTD25	3.3	3,400	1.548	0.2000
MLZ2012N3R3LTD25	3.3	1,500	1.221	0.1500
MLZ2012M4R7HTD25	4.7	4,300	1.574	0.3400
MLZ2012M4R7WTD25	4.7	3,200	1.407	0.3000
MLZ2012N4R7LTD25	4.7	2,100	1.426	0.1900
MLZ2012M6R8HTD25	6.8	7,000	1.768	0.4000
MLZ2012M6R8WTD25	6.8	5,300	1.526	0.4000
MLZ2012N6R8LTD25	6.8	2,800	1.914	0.2500
MLZ2012M100HTD25	10	12,000	1.832	0.6800
MLZ2012M100WTD25	10	8,100	1.966	0.4700
MLZ2012N100LTD25	10	4,400	1.640	0.3000
MLZ2012M150WTD25	15	14,000	1.544	0.9500
MLZ2012N150LTD25	15	7,000	1.895	0.4700
MLZ2012M220WTD25	22	24,000	1.939	2.0000
MLZ2012N220LTD25	22	13,000	1.891	0.6700
MLZ2012P220WTD25	22	30,000	1.926	0.6700
MLZ2012M330WTD25	33	57,000	1.762	2.6000
MLZ2012M470WTD25	47	92,000	2.175	3.7000
MLZ2012N101LTD25	100	55,000	1.169	3.5000