

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Automotive Grade for Decoupling Circuits / MLZ1608 series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
MLZ1608DR10DTD25	0.10	450	0.719	0.1400
MLZ1608DR22DTD25	0.22	980	0.705	0.2700
MLZ1608DR47DTD25	0.47	2,500	0.799	0.4200
MLZ1608A1R0WTD25	1.0	750	0.787	0.1500
MLZ1608N1R0LTD25	1.0	450	0.557	0.1100
MLZ1608A1R5WTD25	1.5	1,300	0.778	0.2100
MLZ1608N1R5LTD25	1.5	710	0.651	0.1400
MLZ1608A2R2WTD25	2.2	1,800	1.043	0.2500
MLZ1608N2R2LTD25	2.2	980	0.643	0.1800
MLZ1608N3R3LTD25	3.3	1,400	0.751	0.2700
MLZ1608M3R3WTD25	3.3	2,200	0.873	0.3300
MLZ1608N4R7LTD25	4.7	2,000	0.814	0.3200
MLZ1608M4R7WTD25	4.7	3,100	1.178	0.5000
MLZ1608N6R8LTD25	6.8	3,100	0.984	0.5000
MLZ1608M6R8WTD25	6.8	4,900	0.908	0.7400
MLZ1608M100WTD25	10	7,700	1.439	1.0500
MLZ1608N100LTD25	10	4,100	1.190	0.6000
MLZ1608M150WTD25	15	14,000	1.231	1.5000
MLZ1608N150LTD25	15	7,700	1.328	1.0200
MLZ1608N220LTD25	22	10,000	0.936	1.6500
MLZ1608M220WTD25	22	33,000	1.912	2.4000