

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Automotive Grade for Decoupling Circuits / KLZ2012-HR series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
KLZ2012AHR1R0WTD25	1.0	800	1.339	0.1000
KLZ2012MHR1R0HTD25	1.0	1,200	0.902	0.1000
KLZ2012AHR2R2WTD25	2.2	1,900	1.391	0.1500
KLZ2012MHR2R2HTD25	2.2	2,200	1.415	0.1600
KLZ2012MHR3R3HTD25	3.3	3,400	1.548	0.2000
KLZ2012MHR4R7HTD25	4.7	4,300	1.574	0.3400
KLZ2012MHR4R7WTD25	4.7	3,200	1.407	0.3000
KLZ2012MHR100HTD25	10	12,000	1.832	0.6800
KLZ2012PHR220WTD25	22	30,000	1.926	0.6700
KLZ2012MHR470WTD25	47	92,000	2.175	3.7000
KLZ2012NHR101LTD25	100	55,000	1.169	3.5000