

## SMD / SMT Inductors (Coils)

Feb. 27, 2026  
Simple Model

Commercial Grade for Standard Circuits / MLJ1005W series

### Circuit Diagram



### Circuit Parameters

Part No.	L1[ $\mu$ H]	R1[ohm]	C1[pF]	R2[ohm]
MLJ1005W75NJT000	0.075	360	0.386	0.2000
MLJ1005W75NKT000	0.075	360	0.386	0.2000
MLJ1005WR10JT000	0.10	480	0.381	0.2300
MLJ1005WR10KT000	0.10	480	0.381	0.2300
MLJ1005WR12JT000	0.12	630	0.372	0.2700
MLJ1005WR12KT000	0.12	630	0.372	0.2700
MLJ1005WR14JT000	0.14	730	0.381	0.4000
MLJ1005WR14KT000	0.14	730	0.381	0.4000
MLJ1005WR15JT000	0.15	790	0.410	0.4000
MLJ1005WR15KT000	0.15	790	0.410	0.4000
MLJ1005WR16JT000	0.16	830	0.373	0.4000
MLJ1005WR16KT000	0.16	830	0.373	0.4000
MLJ1005WR18JT000	0.18	910	0.429	0.4300
MLJ1005WR18KT000	0.18	910	0.429	0.4300
MLJ1005WR22JT000	0.22	1,100	0.406	0.4500
MLJ1005WR22KT000	0.22	1,100	0.406	0.4500
MLJ1005WR27JT000	0.27	1,300	0.527	0.5000
MLJ1005WR27KT000	0.27	1,300	0.527	0.5000
MLJ1005WR33JT000	0.33	1,600	0.499	0.5000
MLJ1005WR33KT000	0.33	1,600	0.499	0.5000
MLJ1005WR39JT000	0.39	1,900	0.476	0.7500
MLJ1005WR39KT000	0.39	1,900	0.476	0.7500
MLJ1005WR47JT000	0.47	2,200	0.480	0.7500
MLJ1005WR47KT000	0.47	2,200	0.480	0.7500
MLJ1005WR56JT000	0.56	2,500	0.590	1.0800
MLJ1005WR56KT000	0.56	2,500	0.590	1.0800