

Circuit Diagram



Circuit Parameters

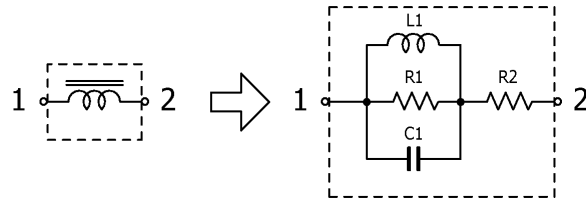
Part No.	L1[μ H]	R1[ohm]	C1[pF]	R2[ohm]
MLF1005VR10JT000	0.10	450	0.338	0.3300
MLF1005VR10KT000	0.10	450	0.338	0.3300
MLF1005VR12JT000	0.12	520	0.382	0.3300
MLF1005VR12KT000	0.12	520	0.382	0.3300
MLF1005VR15JT000	0.15	640	0.367	0.3900
MLF1005VR15KT000	0.15	640	0.367	0.3900
MLF1005VR18JT000	0.18	740	0.378	0.4000
MLF1005VR18KT000	0.18	740	0.378	0.4000
MLF1005VR22JT000	0.22	920	0.456	0.4700
MLF1005VR22KT000	0.22	920	0.456	0.4700
MLF1005VR27JT000	0.27	1,100	0.438	0.6500
MLF1005VR27KT000	0.27	1,100	0.438	0.6500
MLF1005VR33JT000	0.33	1,400	0.524	0.6900
MLF1005VR33KT000	0.33	1,400	0.524	0.6900
MLF1005GR39JT000	0.39	390	0.218	0.2400
MLF1005VR39JT000	0.39	1,700	0.564	0.8900
MLF1005GR39KT000	0.39	390	0.218	0.2400
MLF1005VR39KT000	0.39	1,700	0.564	0.8900
MLF1005GR47JT000	0.47	460	0.262	0.2500
MLF1005VR47JT000	0.47	2,300	0.548	0.9500
MLF1005GR47KT000	0.47	460	0.262	0.2500
MLF1005VR47KT000	0.47	2,300	0.548	0.9500
MLF1005GR56JT000	0.56	530	0.257	0.3400
MLF1005VR56JT000	0.56	2,600	0.644	1.3500
MLF1005GR56KT000	0.56	530	0.257	0.3400
MLF1005VR56KT000	0.56	2,600	0.644	1.3500
MLF1005GR68JT000	0.68	650	0.296	0.4300
MLF1005GR68KT000	0.68	650	0.296	0.4300
MLF1005GR82JT000	0.82	780	0.325	0.4300
MLF1005GR82KT000	0.82	780	0.325	0.4300
MLF1005G1R0JT000	1.0	980	0.347	0.4500
MLF1005G1R0KT000	1.0	980	0.347	0.4500
MLF1005G1R2JT000	1.2	1,100	0.391	0.5500
MLF1005G1R2KT000	1.2	1,100	0.391	0.5500
MLF1005G1R5JT000	1.5	1,400	0.426	0.6800
MLF1005G1R5KT000	1.5	1,400	0.426	0.6800

SMD / SMT Inductors (Coils)

Feb. 27, 2026
Simple Model

Commercial Grade for Standard Circuits / MLF1005 series (2/2)

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Part No.	L1[uH]	R1[ohm]	C1[pF]	R2[ohm]
MLF1005G1R8JT000	1.8	1,700	0.530	0.7500
MLF1005G1R8KT000	1.8	1,700	0.530	0.7500
MLF1005G2R2JT000	2.2	1,900	0.510	0.9900
MLF1005G2R2KT000	2.2	1,900	0.510	0.9900