

SPICE-Equivalent circuit model library

Table 1. Equivalent circuit data

Part Number	L (μ H)	F _{res} (MHz)	C1 (pF)	R1 (Ω)	R2 Nominal DCR of winding (Ω)
MPI4012V2-R33-R	0.33	122.7	5.10	867.23	0.011
MPI4012V2-R47-R	0.47	103.6	5.02	1176.85	0.019
MPI4012V2-R68-R	0.68	86.7	4.95	1618.85	0.028
MPI4012V2-1R0-R	1	72.1	4.88	2258.40	0.0385
MPI4012V2-1R5-R	1.5	59.3	4.80	3204.94	0.055
MPI4012V2-2R2-R	2.2	49.4	4.72	4460.82	0.075
MPI4012V2-4R7-R	4.7	34.3	4.58	8590.59	0.175

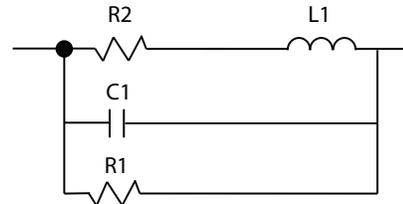


Figure 1. Equivalent circuit

Disclaimer

The data provided is for reference and is intended for evaluation purposes only. Users should verify all intended results in the end application.

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