SPICE-Equivalent circuit model library

Table 1. Equivalent circuit data

Part Number	L (µH)	F_{res} (MHz)	C1 (pF)	R1 (Ω)	R2 Nominal DCR of winding (Ω)
MPI4020V2-R10-R	0.1	239.6	4.41	387.51	0.0035
MPI4020V2-R22-R	0.22	154.1	4.85	728.14	0.0055
MPI4020V2-R33-R	0.33	122.8	5.09	1007.14	0.0075
MPI4020V2-R47-R	0.47	100.7	5.31	1336.46	0.011
MPI4020V2-R56-R	0.56	91.3	5.43	1537.55	0.012
MPI4020V2-R68-R	0.68	81.9	5.55	1795.92	0.013
MPI4020V2-1R0-R	1	66.0	5.82	2445.00	0.02
MPI4020V2-1R2-R	1.2	59.6	5.94	2828.94	0.023
MPI4020V2-1R5-R	1.5	52.6	6.11	3381.83	0.025
MPI4020V2-2R2-R	2.2	42.4	6.39	4594.28	0.04
MPI4020V2-3R3-R	3.3	33.8	6.71	6354.63	0.071
MPI4020V2-4R7-R	4.7	27.7	7.00	8432.52	0.098
MPI4020V2-6R8-R	6.8	22.6	7.32	11331.46	0.17
MPI4020V2-100-R	10	18.2	7.67	15426.91	0.25
MPI4020V2-150-R	15	14.5	8.05	21337.91	0.32
MPI4020V2-220-R	22	11.7	8.43	28987.92	0.35

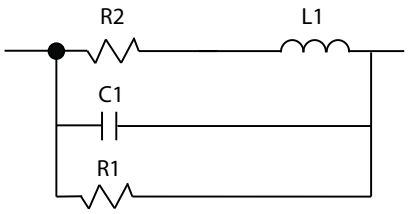

Figure 1. Equivalent circuit

Disclaimer

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

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