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)
HCM0703-R15-R	0.15	158.7	6.70	3549.03	0.0019
HCM0703-R22-R	0.22	129.6	6.86	3920.63	0.0025
HCM0703-R47-R	0.47	86.7	7.18	4776.07	0.004
HCM0703-R68-R	0.68	71.3	7.34	5257.48	0.005
HCM0703-R82-R	0.82	64.5	7.42	5519.72	0.0067
HCM0703-1R0-R	1	58.1	7.51	5812.00	0.009
HCM0703-1R5-R	1.5	46.8	7.69	6458.17	0.014
HCM0703-2R2-R	2.2	38.2	7.87	7134.37	0.018
HCM0703-3R3-R	3.3	30.8	8.07	7927.55	0.028
HCM0703-4R7-R	4.7	25.6	8.24	8691.03	0.037
HCM0703-6R8-R	6.8	21.0	8.42	9567.05	0.054
HCM0703-8R2-R	8.2	19.0	8.52	10044.24	0.064
HCM0703-100-R	10	17.1	8.62	10576.10	0.071
HCM0703-150-R	14.9	13.9	8.83	11731.51	0.113
HCM0703-220-R	22	11.3	9.04	12982.42	0.135
HCM0703-330-R	33	9.1	9.26	14425.78	0.22

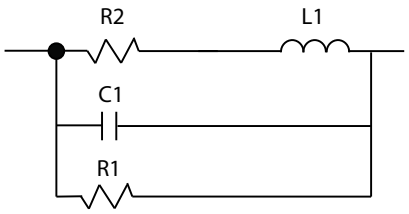

Figure 1. Equivalent circuit

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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