

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)
HCM1305-R10-R	0.1	170.2	8.74	948.66	0.0005
HCM1305-R22-R	0.22	103.6	10.73	1144.47	0.0006
HCM1305-R33-R	0.33	80.2	11.93	1260.42	0.0008
HCM1305-R47-R	0.47	64.2	13.07	1371.10	0.0008
HCM1305-R56-R	0.56	57.5	13.68	1429.48	0.0012
HCM1305-R68-R	0.68	50.9	14.39	1497.08	0.0012
HCM1305-R82-R	0.82	45.2	15.11	1565.30	0.0014
HCM1305-1R0-R	1	39.9	15.91	1641.00	0.0021
HCM1305-1R5-R	1.5	30.9	17.68	1807.25	0.0028
HCM1305-1R8-R	1.8	27.6	18.54	1887.40	0.004
HCM1305-2R2-R	2.2	24.3	19.53	1979.73	0.0046
HCM1305-3R3-R	3.3	18.8	21.70	2180.29	0.0077
HCM1305-4R7-R	4.7	15.1	23.79	2371.74	0.011
HCM1305-5R6-R	5.6	13.5	24.90	2472.73	0.012
HCM1305-6R8-R	6.8	11.9	26.19	2589.68	0.013
HCM1305-7R8-R	7.8	10.9	27.14	2675.64	0.017
HCM1305-8R2-R	8.2	10.6	27.50	2707.67	0.018
HCM1305-100-R	10	9.4	28.95	2838.63	0.019
HCM1305-150-R	15	7.2	32.17	3126.21	0.029
HCM1305-220-R	22	5.7	35.54	3424.56	0.045
HCM1305-330-R	33	4.4	39.49	3771.51	0.075

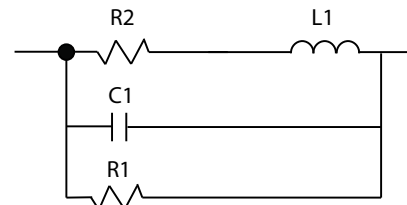


Figure 1. Equivalent circuit

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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