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)
DR127-R47-R	0.419	152.0	2.62	5020.16	0.00195
DR127-1R0-R	0.821	99.2	3.14	6659.04	0.00261
DR127-1R5-R	1.34	72.7	3.58	8180.34	0.00341
DR127-2R2-R	2.027	55.9	4.00	9733.43	0.00402
DR127-3R3-R	2.83	45.2	4.38	11197.93	0.00567
DR127-4R7-R	4.8	32.3	5.05	13980.05	0.00917
DR127-6R8-R	7.4	24.5	5.68	16767.37	0.0116
DR127-8R2-R	8.87	21.9	5.97	18093.20	0.0157
DR127-100-R	10	20.3	6.16	19027.75	0.0172
DR127-150-R	14.1	16.3	6.76	21981.61	0.0247
DR127-220-R	22	12.3	7.62	26497.51	0.0391
DR127-330-R	33	9.5	8.51	31416.90	0.06
DR127-470-R	47	7.6	9.36	36447.57	0.0719
DR127-680-R	66.5	6.1	10.28	42166.99	0.105
DR127-820-R	79.8	5.4	10.80	45522.77	0.143
DR127-101-R	100	4.7	11.47	50048.09	0.163
DR127-151-R	150	3.6	12.80	59339.77	0.247
DR127-221-R	220	2.8	14.20	69695.55	0.376
DR127-331-R	323	2.2	15.75	81894.09	0.574
DR127-471-R	467	1.8	17.40	95609.40	0.861
DR127-681-R	676	1.4	19.22	111677.36	1.08
DR127-821-R	818	1.2	20.24	120988.45	1.47
DR127-102-R	1000	1.1	21.37	131639.89	1.66

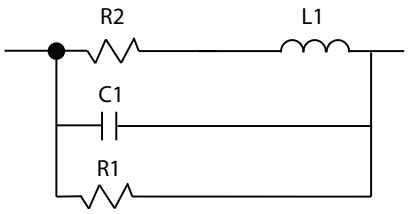

Figure 1. Equivalent circuit

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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