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)
DRA127-R47-R	0.413	111.2	4.96	1095.65	0.0024
DRA127-1R0-R	0.772	77.5	5.46	2012.22	0.0034
DRA127-1R5-R	1.27	58.2	5.89	3020.45	0.0043
DRA127-2R2-R	1.92	45.9	6.27	4109.55	0.004
DRA127-3R3-R	3.5	32.5	6.87	6238.15	0.0086
DRA127-4R7-R	4.6	27.7	7.16	7481.40	0.0094
DRA127-6R8-R	6.72	22.3	7.58	9566.77	0.015
DRA127-8R2-R	8.33	19.7	7.83	10968.57	0.016
DRA127-100-R	9.63	18.1	8.01	12018.81	0.017
DRA127-150-R	14.9	14.1	8.56	15769.34	0.027
DRA127-220-R	21.5	11.4	9.05	19743.52	0.04
DRA127-330-R	32	9.1	9.61	25124.92	0.06
DRA127-470-R	48	7.2	10.22	32051.26	0.091
DRA127-680-R	68	5.9	10.78	39450.44	0.115
DRA127-820-R	84	5.2	11.13	44724.61	0.155
DRA127-101-R	100	4.7	11.43	49590.39	0.175
DRA127-151-R	151	3.7	12.17	63250.23	0.269
DRA127-221-R	220	3.0	12.89	78923.26	0.398
DRA127-331-R	328	2.4	13.69	99756.92	0.612
DRA127-471-R	475	1.9	14.49	123896.52	0.91
DRA127-681-R	677	1.6	15.29	152394.39	1.15
DRA127-821-R	825	1.4	15.75	171032.83	1.54
DRA127-102-R	999	1.3	16.22	191227.73	1.75

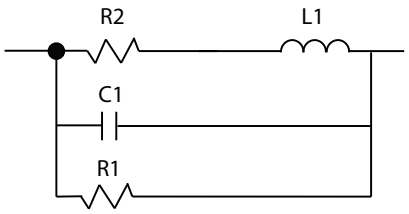

Figure 1. Equivalent circuit

Disclaimer

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

Eaton
Electronics Division
1000 Eaton Boulevard
Cleveland, OH 44122
United States
www.eaton.com/electronics

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