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)
DRA74-R33-R	0.288	253.2	1.37	420.56	0.0054
DRA74-1R0-R	0.897	128.1	1.72	1399.08	0.0078
DRA74-1R5-R	1.31	102.1	1.86	2351.65	0.0092
DRA74-2R2-R	2.33	72.2	2.08	4304.61	0.012
DRA74-3R3-R	3.1	60.9	2.21	5564.35	0.016
DRA74-4R7-R	4.68	47.5	2.40	7823.36	0.024
DRA74-6R8-R	6.5	39.0	2.56	10087.60	0.034
DRA74-8R2-R	8.5	33.2	2.70	12311.10	0.04
DRA74-100-R	9.62	30.9	2.77	13468.57	0.043
DRA74-150-R	15.1	23.5	3.03	18521.75	0.067
DRA74-220-R	22.3	18.6	3.27	24188.20	0.1
DRA74-330-R	33	14.7	3.54	31446.46	0.151
DRA74-470-R	47	11.9	3.80	39694.92	0.219
DRA74-680-R	68	9.5	4.09	50476.42	0.286
DRA74-820-R	81.5	8.6	4.24	56735.70	0.367
DRA74-101-R	98.5	7.6	4.41	64081.33	0.419
DRA74-151-R	151	5.9	4.80	84182.63	0.648
DRA74-221-R	219	4.7	5.17	106576.75	0.96
DRA74-331-R	329	3.7	5.61	137798.11	1.5
DRA74-471-R	472	3.0	6.03	172907.51	1.93
DRA74-681-R	683	2.4	6.49	217992.02	2.86
DRA74-821-R	815	2.2	6.72	243484.89	3.63
DRA74-102-R	1000	1.9	7.00	276707.84	4.19

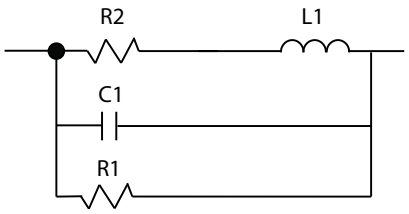

Figure 1. Equivalent circuit

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

© 2018 Eaton
All Rights Reserved
Printed in USA
Publication No. DRA74 Spice
April 2018

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Powering Business Worldwide