# 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) |
|---|---|---|---|---|---|
| DRA73-R33-R | 0.29 | 178.7 | 2.74 | 842.20 | 0.004 |
| DRA73-1R0-R | 0.91 | 97.5 | 2.93 | 1987.21 | 0.0067 |
| DRA73-1R5-R | 1.36 | 78.8 | 3.00 | 2686.82 | 0.0097 |
| DRA73-2R2-R | 2.5 | 57.0 | 3.11 | 4243.50 | 0.016 |
| DRA73-3R3-R | 3.18 | 50.2 | 3.16 | 5083.50 | 0.022 |
| DRA73-4R7-R | 4.9 | 39.9 | 3.24 | 7032.68 | 0.033 |
| DRA73-6R8-R | 6.6 | 34.1 | 3.30 | 8794.73 | 0.041 |
| DRA73-8R2-R | 8.1 | 30.6 | 3.34 | 10256.30 | 0.053 |
| DRA73-100-R | 10.3 | 26.9 | 3.39 | 12283.66 | 0.064 |
| DRA73-150-R | 15 | 22.1 | 3.47 | 16288.56 | 0.094 |
| DRA73-220-R | 22.4 | 17.8 | 3.55 | 22010.10 | 0.141 |
| DRA73-330-R | 32 | 14.8 | 3.63 | 28767.82 | 0.183 |
| DRA73-470-R | 47.8 | 11.9 | 3.72 | 38881.00 | 0.275 |
| DRA73-680-R | 67 | 10.0 | 3.79 | 50098.56 | 0.397 |
| DRA73-820-R | 84 | 8.9 | 3.85 | 59367.30 | 0.53 |
| DRA73-101-R | 102 | 8.0 | 3.89 | 68682.64 | 0.609 |
| DRA73-151-R | 151 | 6.5 | 3.98 | 92203.81 | 0.932 |
| DRA73-221-R | 219 | 5.3 | 4.07 | 121888.37 | 1.23 |
| DRA73-331-R | 326 | 4.3 | 4.17 | 164309.74 | 1.85 |
| DRA73-471-R | 473 | 3.5 | 4.27 | 217274.68 | 2.67 |
| DRA73-681-R | 683 | 2.9 | 4.36 | 286279.65 | 3.89 |
| DRA73-821-R | 825 | 2.6 | 4.41 | 329892.80 | 4.46 |
| DRA73-102-R | 992 | 2.4 | 4.46 | 378854.25 | 5.15 |

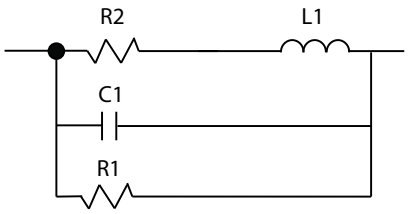


**Figure 1.** Equivalent circuit

## 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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