



## FEATURES

- The toroidal configuration provides a closed magnetic field resulting in low EMI
- Vertical base mounted toroids provide greater mechanical stability and easy PCB installation
- Intermediate values available

## APPLICATIONS

- Switching power supplies
- Filters
- Output chokes
- EMI/RFI filtering

| Wilco Part Number | L (UH) +/-15% | Max RDC (OHMS) | I Max (Amps) | 0% Saturation (DC Amps) | 10% Saturation (DC Amps) | 50% Saturation (DC Amps) |
|-------------------|---------------|----------------|--------------|-------------------------|--------------------------|--------------------------|
| TBM100            | 10            | .019           | 4.64         | 1.47                    | 5.16                     | 16.68                    |
| TBM150            | 15            | .02            | 4.64         | 1.19                    | 3.87                     | 12.51                    |
| TBM220            | 22            | .021           | 4.64         | 1                       | 3.44                     | 11.12                    |
| TBM330            | 33            | .023           | 4.64         | 0.83                    | 2.69                     | 8.7                      |
| TBM470            | 47            | .026           | 4.64         | 0.68                    | 2.29                     | 7.41                     |
| TBM680            | 68            | .035           | 4.64         | 0.56                    | 1.82                     | 5.89                     |
| TBM101            | 100           | .041           | 3.68         | 0.48                    | 1.55                     | 5                        |
| TBM121            | 120           | .045           | 3.68         | 0.43                    | 1.38                     | 4.45                     |
| TBM151            | 150           | .058           | 3.68         | 0.38                    | 1.26                     | 4.08                     |
| TBM181            | 180           | .071           | 2.93         | 0.35                    | 1.15                     | 3.71                     |
| TBM271            | 270           | .083           | 2.93         | 0.28                    | 0.94                     | 3.03                     |
| TBM331            | 330           | .115           | 2.32         | 0.26                    | 0.85                     | 2.74                     |
| TBM471            | 470           | .175           | 1.83         | 0.22                    | 0.7                      | 2.25                     |
| TBM561            | 560           | .283           | 1.15         | 0.2                     | 0.65                     | 2.11                     |
| TBM681            | 680           | .401           | 1.15         | 0.28                    | 0.6                      | 1.92                     |
| TBM102            | 1000          | .513           | 0.92         | 0.25                    | 0.47                     | 1.53                     |
| TBM222            | 2200          | 1.12           | 0.72         | 0.1                     | 0.32                     | 1.03                     |
| TBM332            | 3300          | 1.93           | 0.58         | 0.08                    | 0.26                     | 0.84                     |
| TBM472            | 4700          | 2.23           | 0.45         | 0.07                    | 0.22                     | 0.71                     |
| TBM682            | 6800          | 3.45           | 0.36         | 0.06                    | 0.18                     | 0.59                     |
| TBM103            | 10000         | 6.11           | 0.29         | 0.05                    | 0.15                     | 0.48                     |

- Inductance measured at 1 Khz 0 amps DC
- Inductance is +/- 15% @ 1 Khz 0 amps DC
- Nonstandard values available
- Height = 1.22" Max
- Length = 1.2" Max
- Width = .65" Max
- Pin Connections are 1 + 3
- No Pin Connections on 2 + 4

- Operation temperature is -55 degrees C to 100 degrees C
- Saturation currents shown indicate the max drop in L at that current

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