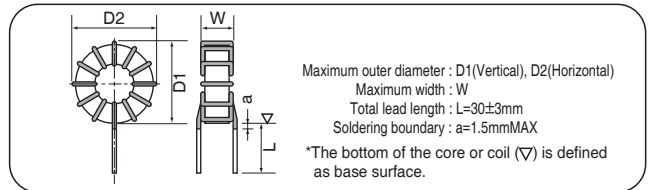


◆ MAJOR USES

- For Switching Mode Power Supply Normal mode noise filter

◆ FEATURES

- Great reduction of core loss enabling low temperature rise at high frequency
- Achieved significant miniaturization and low D.C. resistance
- Low leakage flux due to gap-less structure
- Excellent frequency and temperature characteristics



| Coil Part No. | Core Part No. | Rated Current [A] | Inductance (200kHz) | | D.C.R. mΩ (max) | Winding mm φ-lines | Outside Dimensions | | | D.C. BIAS CHARACTERISTICS Graph |
|------------------|---------------|-------------------|---------------------|-------------|-----------------|--------------------|--------------------|---------|--------|---------------------------------|
| | | | 0A [μH] | Rating [μH] | | | D1 [mm] | D2 [mm] | W [mm] | |
| LBTM001201NS-V0E | LPT100805N | 1 | 260 | 200 ** | 120 | 0.5-1P | 16.0 | 16.0 | 11.0 | 1 |
| LBTM002800NS-V0E | | 2 | 120 | 80 ** | 60 | 0.6-1P | 16.5 | 16.5 | 11.0 | |
| LBTM003270NS-V0E | | 3 | 40 | 27 ** | 20 | 0.8-1P | 16.5 | 17.0 | 11.5 | |
| LBTM005100NS-V0E | | 5 | 14 | 10 ** | 9 | 1.0-1P | 17.0 | 17.5 | 11.5 | |
| LBTM001201N1-V0E | LPT130805N | 1 | 290 | 200 | 150 | 0.5-1P | 18.5 | 19.0 | 10.5 | |
| LBTM001251N1-V0E | | 1 | 400 | 250 | 170 | 0.5-1P | 18.5 | 19.0 | 11.0 | |
| LBTM001301N1-V0E | | 1 | 430 | 300 | 170 | 0.5-1P | 19.5 | 19.5 | 11.5 | |
| LBTM002101N1-V0E | | 2 | 160 | 100 | 70 | 0.6-1P | 19.5 | 19.5 | 11.5 | |
| LBTM003400N1-V0E | | 3 | 69 | 40 | 27 | 0.8-1P | 19.5 | 19.5 | 11.5 | |
| LBTM004250N1-V0E | | 4 | 43 | 25 | 18 | 0.9-1P | 19.5 | 19.5 | 11.5 | |
| LBTM005150N1-V0E | | 5 | 23 | 15 | 11 | 1.0-1P | 19.5 | 20.0 | 11.5 | |
| LBTM001401N2-V0E | LPT150905N | 1 | 580 | 400 | 210 | 0.5-1P | 19.5 | 20.0 | 11.0 | 2 |
| LBTM001501N2-V0E | | 1 | 770 | 500 | 230 | 0.5-1P | 20.0 | 20.5 | 11.0 | |
| LBTM002151N2-V0E | | 2 | 240 | 150 | 89 | 0.6-1P | 20.0 | 20.5 | 10.5 | |
| LBTM002201N2-V0E | | 2 | 360 | 200 | 110 | 0.6-1P | 20.0 | 20.5 | 11.0 | |
| LBTM002211N2-V0E | | 2 | 400 | 210 | 110 | 0.6-1P | 20.5 | 21.0 | 11.5 | |
| LBTM003700N2-V0E | | 3 | 110 | 70 | 36 | 0.8-1P | 20.5 | 21.0 | 11.5 | |
| LBTM004450N2-V0E | | 4 | 74 | 45 | 24 | 0.9-1P | 21.0 | 21.5 | 11.5 | |
| LBTM004500N2-V0E | | 4 | 92 | 50 | 24 | 0.9-1P | 21.0 | 21.5 | 11.5 | |
| LBTM005300N2-V0E | | 5 | 52 | 30 | 17 | 1.0-1P | 21.0 | 21.5 | 12.0 | |
| LBTM006200N2-V0E | | 6 | 34 | 20 | 11 | 0.8-2P | 21.0 | 21.5 | 12.0 | |

* The inductance at current 0[A] indicates the reference value.

** This is the inductance at 100kHz.



| Coil Part No. | Core Part No. | Rated Current [A] | Inductance (200kHz) | | D.C.R. mΩ (max) | Winding mm φ-lines | Outside Dimensions | | | D.C. BIAS CHARACTERISTICS Graph |
|------------------|---------------|-------------------|---------------------|-------------|-----------------|--------------------|--------------------|---------|--------|---------------------------------|
| | | | 0A [μH] | Rating [μH] | | | D1 [mm] | D2 [mm] | W [mm] | |
| LBTM001132N5-V0E | LPT211205N | 1 | 2000 | 1300 ** | 400 | 0.5-1P | 26.0 | 27.0 | 12.0 | 3 |
| LBTM003800N5-V0E | | 3 | 120 | 80 | 41 | 0.8-1P | 26.5 | 27.5 | 11.0 | |
| LBTM003171N5-V0E | | 3 | 290 | 170 | 59 | 0.8-1P | 26.5 | 27.5 | 12.0 | |
| LBTM005750N5-V0E | | 5 | 150 | 75 | 27 | 1.0-1P | 27.0 | 28.0 | 13.5 | |
| LBTM006450N5-V0E | | 6 | 85 | 45 | 18 | 0.8-2P | 27.0 | 28.0 | 13.0 | |
| LBTM008250N5-V0E | | 8 | 45 | 25 | 11 | 0.9-2P | 27.0 | 28.0 | 13.5 | |
| LBTM010160N5-V0E | | 10 | 28 | 16 | 7 | 1.1-2P | 28.0 | 29.0 | 14.0 | |
| LBTM015080N5-V0E | | 15 | 15 | 8 | 4 | 1.1-3P | 28.5 | 29.5 | 14.5 | |
| LBTM002351NU-V0E | LPT160910N | 2 | 700 | 350 | 135 | 0.6-1P | 22.0 | 22.0 | 16.5 | 4 |
| LBTM003131NU-V0E | | 3 | 230 | 130 | 44 | 0.8-1P | 22.5 | 22.5 | 17.0 | |
| LBTM005500NU-V0E | | 5 | 94 | 50 | 19 | 1.0-1P | 22.5 | 22.5 | 16.5 | |
| LBTM008170NU-V0E | | 8 | 31 | 17 | 7 | 0.9-2P | 22.5 | 22.5 | 16.5 | |
| LBTM002621NP-V0E | LPT191210N | 2 | 1200 | 620 | 150 | 0.7-1P | 25.0 | 25.5 | 16.5 | |
| LBTM003291NP-V0E | | 3 | 550 | 290 | 76 | 0.8-1P | 25.0 | 25.5 | 16.0 | |
| LBTM004161NP-V0E | | 4 | 320 | 160 | 46 | 0.9-1P | 25.0 | 25.0 | 16.5 | |
| LBTM006700NP-V0E | | 6 | 130 | 70 | 19 | 0.8-2P | 25.0 | 25.5 | 16.0 | |
| LBTM008400NP-V0E | | 8 | 77 | 40 | 12 | 0.9-2P | 25.0 | 25.0 | 16.5 | |
| LBTM005101NP-V0E | | 5 | 190 | 100 | 29 | 1.0-1P | 25.5 | 26.0 | 16.5 | |
| LBTM010270NP-V0E | | 10 | 54 | 27 | 7 | 1.1-2P | 26.0 | 26.0 | 17.0 | |
| LBTM015120NP-V0E | | 15 | 26 | 12 | 4 | 1.1-3P | 26.0 | 26.0 | 17.5 | |

* The inductance at current 0[A] indicates the reference value.

** This is the inductance at 100kHz.

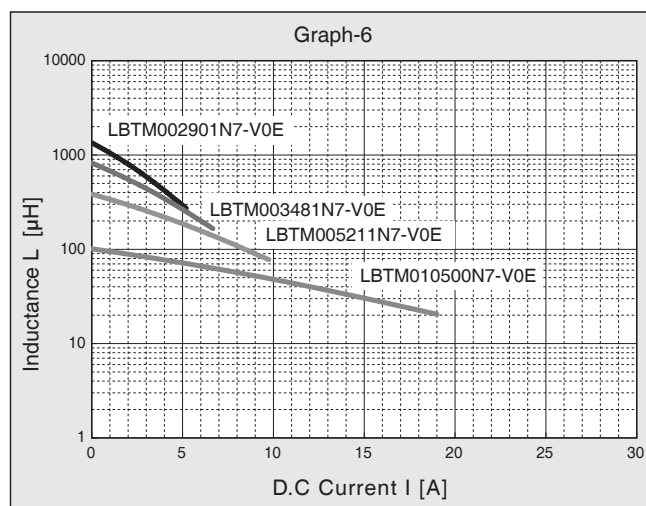
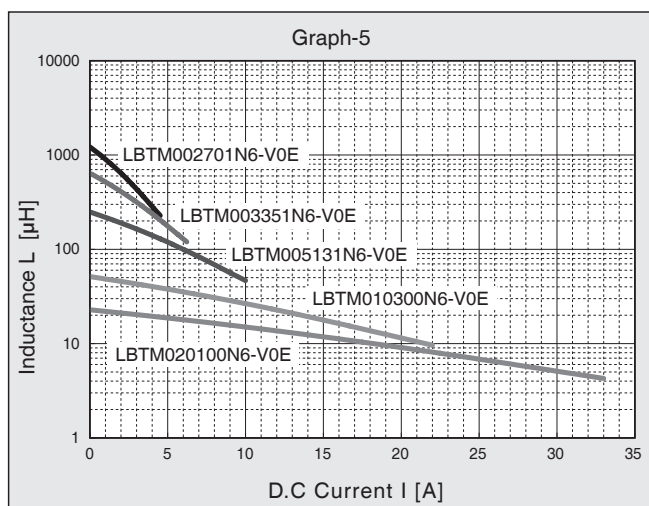
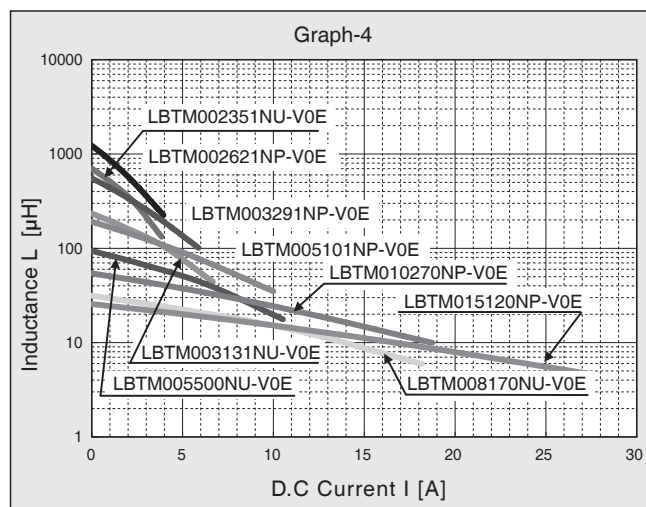
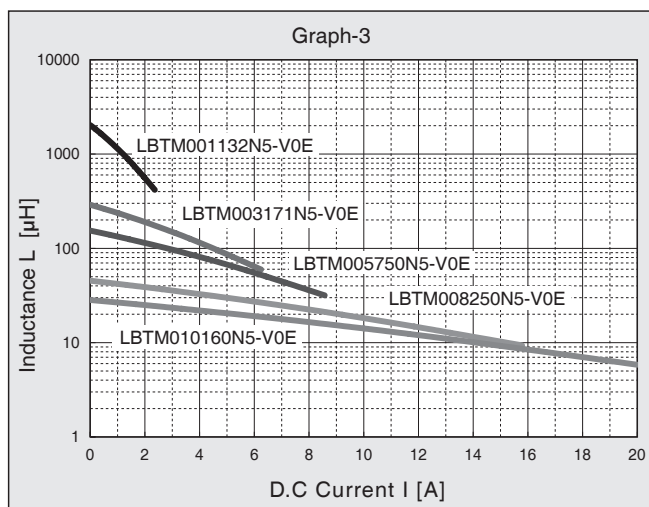
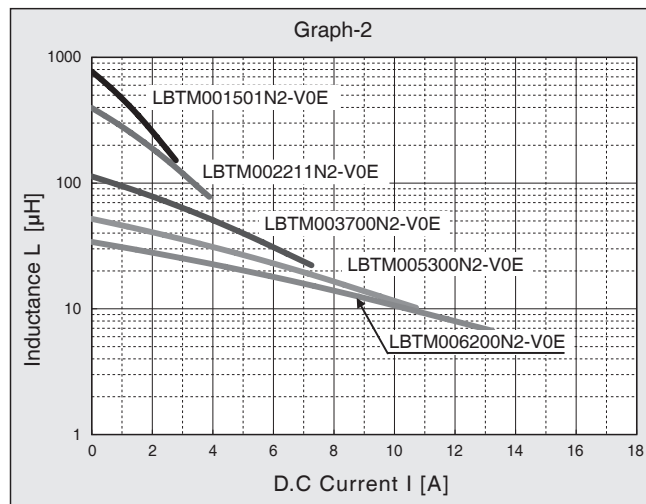
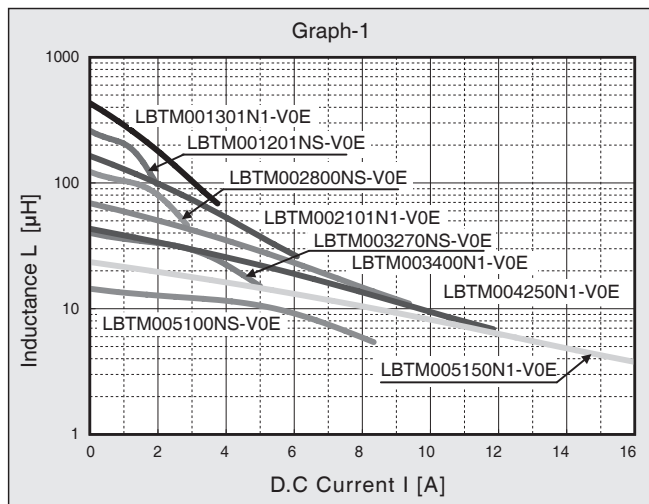


| Coil Part No. | Core Part No. | Rated Current [A] | Inductance (200kHz) | | D.C.R. mΩ (max) | Winding mm φ-lines | Outside Dimensions | | | D.C. BIAS CHARACTERISTICS Graph |
|------------------|---------------|-------------------|---------------------|-------------|-----------------|--------------------|--------------------|---------|--------|---------------------------------|
| | | | 0A [μH] | Rating [μH] | | | D1 [mm] | D2 [mm] | W [mm] | |
| LBTM002701N6-V0E | LPT221310N | 2 | 1200 | 700 | 150 | 0.7-1P | 27.5 | 28.0 | 16.5 | 5 |
| LBTM003181N6-V0E | | 3 | 260 | 180 | 50 | 0.8-1P | 27.5 | 28.0 | 15.0 | |
| LBTM003351N6-V0E | | 3 | 640 | 350 | 82 | 0.8-1P | 27.5 | 28.0 | 16.5 | |
| LBTM004101N6-V0E | | 4 | 140 | 100 | 33 | 0.9-1P | 27.5 | 28.0 | 16.0 | |
| LBTM004201N6-V0E | | 4 | 370 | 200 | 48 | 0.9-1P | 28.0 | 28.5 | 16.5 | |
| LBTM006850N6-V0E | | 6 | 170 | 85 | 22 | 0.8-2P | 28.0 | 28.5 | 17.0 | |
| LBTM008450N6-V0E | | 8 | 83 | 45 | 13 | 0.9-2P | 28.0 | 28.5 | 17.0 | |
| LBTM005131N6-V0E | | 5 | 250 | 130 | 34 | 1.0-1P | 28.5 | 29.0 | 17.0 | |
| LBTM015160N6-V0E | | 15 | 33 | 16 | 5 | 1.1-3P | 28.5 | 29.0 | 18.5 | |
| LBTM010300N6-V0E | | 10 | 51 | 30 | 7 | 1.1-2P | 29.0 | 29.5 | 17.5 | |
| LBTM020100N6-V0E | | 20 | 23 | 10 | 4 | 1.3-3P | 29.5 | 30.0 | 19.0 | |
| LBTM002901N7-V0E | LPT271510N | 2 | 1500 | 900 | 240 | 0.6-1P | 32.0 | 32.5 | 15.5 | 6 |
| LBTM002112N7-V0E | | 2 | 1800 | 1100 | 190 | 0.7-1P | 32.5 | 33.0 | 16.5 | |
| LBTM003481N7-V0E | | 3 | 820 | 480 | 94 | 0.8-1P | 32.5 | 33.0 | 16.5 | |
| LBTM005141N7-V0E | | 5 | 240 | 140 | 34 | 1.0-1P | 33.0 | 33.5 | 16.0 | |
| LBTM005211N7-V0E | | 5 | 390 | 210 | 42 | 1.0-1P | 33.0 | 33.5 | 17.5 | |
| LBTM015260N7-V0E | | 15 | 65 | 26 | 6 | 1.1-3P | 33.5 | 34.0 | 18.0 | |
| LBTM010500N7-V0E | | 10 | 100 | 50 | 11 | 1.1-2P | 34.0 | 34.5 | 18.0 | |
| LBTM010300N7-V0E | | 10 | 45 | 30 | 7 | 1.6-1P | 35.5 | 36.0 | 18.5 | |
| LBTM025100N7-V0E | | 25 | 25 | 10 | 3 | 1.6-2P | 35.5 | 36.0 | 19.0 | |
| LBTM003501N9-V0E | LPT322010N | 3 | 840 | 500 | 120 | 0.8-1P | 38.5 | 39.0 | 18.5 | - |
| LBTM005281N9-V0E | | 5 | 530 | 280 | 61 | 1.0-1P | 39.5 | 40.0 | 19.0 | |
| LBTM005301N9-V0E | | 5 | 550 | 300 | 62 | 1.0-1P | 39.5 | 40.0 | 19.0 | |
| LBTM015400N9-V0E | | 15 | 93 | 40 | 8 | 1.1-3P | 39.5 | 40.0 | 20.0 | |
| LBTM020200N9-V0E | | 20 | 41 | 20 | 5 | 1.3-3P | 40.5 | 41.0 | 20.5 | |
| LBTM010800N9-V0E | | 10 | 170 | 80 | 15 | 1.1-2P | 41.0 | 41.5 | 20.5 | |
| LBTM020130N9-V0E | | 20 | 21 | 13 | 4 | 1.3-3P | 41.0 | 41.5 | 19.5 | |
| LBTM010600N9-V0E | | 10 | 110 | 60 | 12 | 1.6-1P | 41.5 | 42.0 | 20.0 | |

* The inductance at current 0[A] indicates the reference value.

◆D.C. BIAS CHARACTERISTICS

●Frequency : 200[kHz]





- Always read "Notes on Use" before using the product in order to enable you to use the product correctly and prevent any faults and accidents from occurring.
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