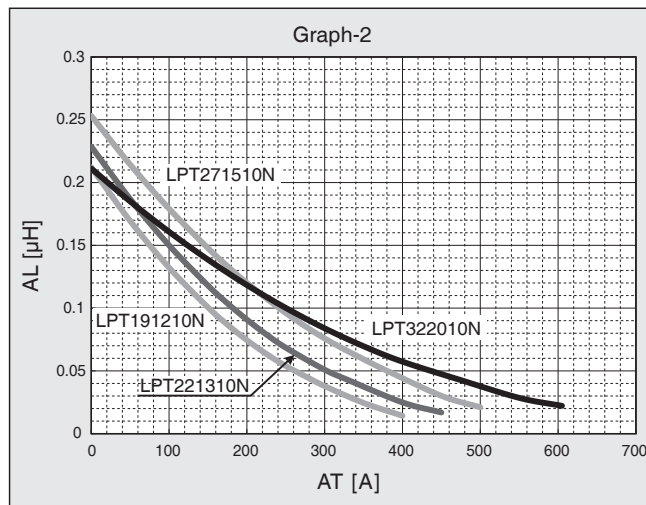
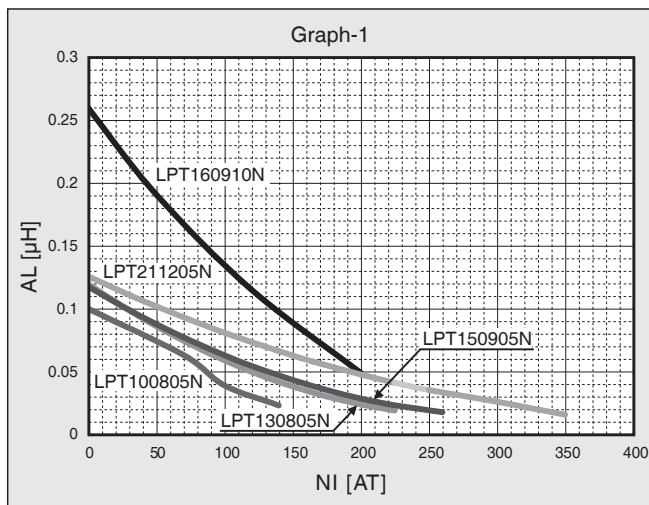


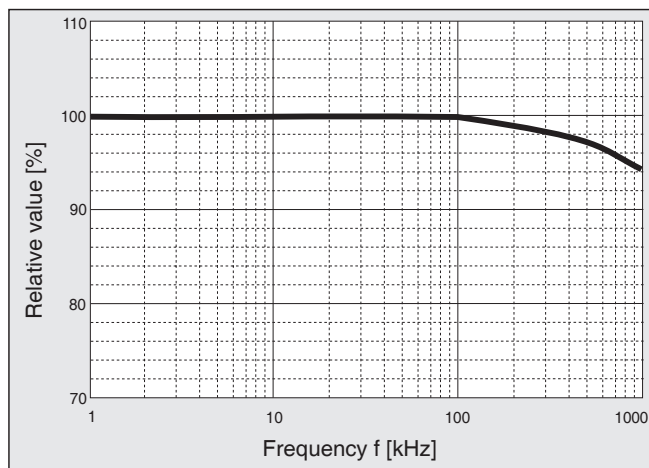
◆D.C. BIAS CHARACTERISTICS AL-AT

●Frequency : 200[kHz] (LPT100805N : 100[kHz])

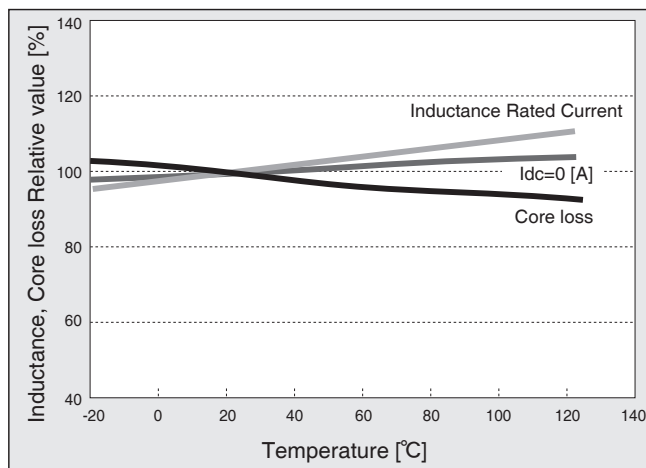


◆FREQUENCY - INDUCTANCE CHARACTERISTICS

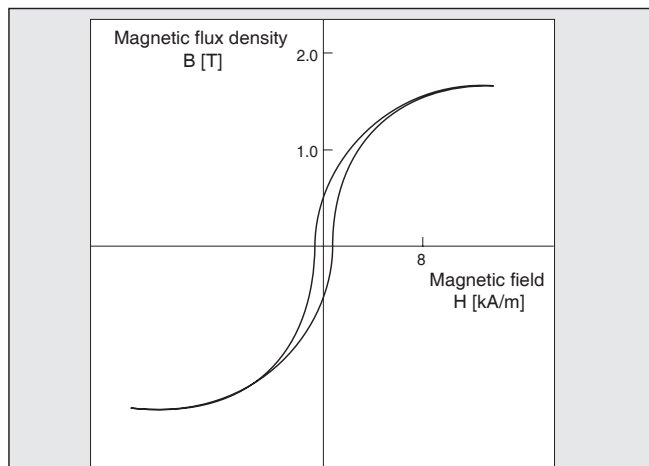
●TM choke

◆TEMPERATURE DEPENDENCE
- INDUCTANCE AND CORE LOSS

●Frequency : 200[kHz]



◆B-H CURVE

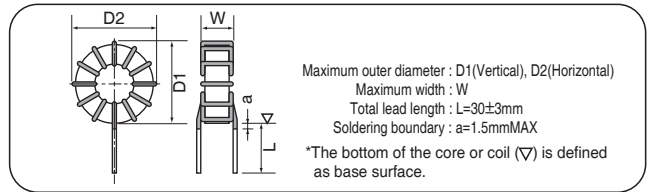


◆ MAJOR USES

- 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.



AMORPHOUS CHOKE COILS

TMSeries

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.



AMORPHOUS CHOKE COILS

TMSeries

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.



- 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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In addition, we have an established system with enhanced traceability, therefore we will limit the applicable lot items for any potential compensation.

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