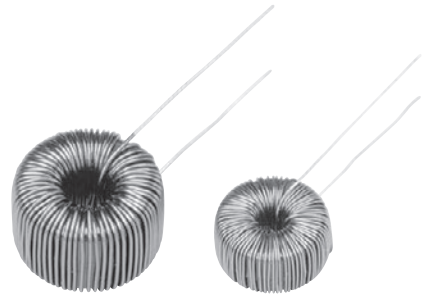


■主要用途

- 开关电源输出平滑用
- 差模扼流噪声对策

■特点

- 和铁氧体扼流圈相比，实现小型化。
- 和硅钢扼流圈相比，高频铁损降低。
- 和压粉系列扼流圈相比，直流叠加特性、温度特性更加优异。
- 漏磁通的方向被限制为1个方向，有利于零件间接近配置。



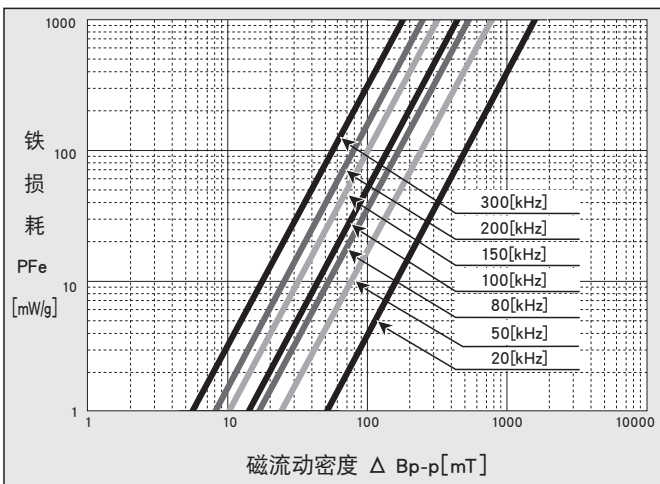
◆磁芯一般规格

磁芯型号	简称	有效横截面积 cm ²	平均磁力 电路长度 cm	外包装尺寸(公称尺寸)			电感系数 AL值		
				外径 mm	内径 mm	高度 mm	0[A] μH	额定值* μH	额定磁动势 [AT]
LNC181210G	G3	0.264	4.71	20.2	8.8	11.8	0.122	0.116	150
LNC191305G	G4	0.132	5.03	22.0	10.0	8.0	0.050	0.045	200
LNC221310G	G6	0.396	5.50	24.7	10.5	12.0	0.164	0.147	190
LNC251510G	G7	0.440	6.28	28.3	12.7	12.3	0.133	0.120	300
LNC251515G	G8	0.660	6.28	28.3	12.7	17.5	0.185	0.170	330
LNC322010G	G9	0.528	8.17	35.2	17.5	12.3	0.137	0.125	330
LNC372310G	G0	0.616	9.42	40.5	19.5	13.0	0.154	0.140	350
LNC372315G	GJ	0.924	9.42	40.5	19.5	18.0	0.210	0.190	400
LNC462715G	GQ	1.254	11.5	49.4	22.7	18.0	0.235	0.207	450
LNC462725G	GK	2.090	11.5	49.4	22.7	28.0	0.360	0.320	550

*10[kHz]、± 25%

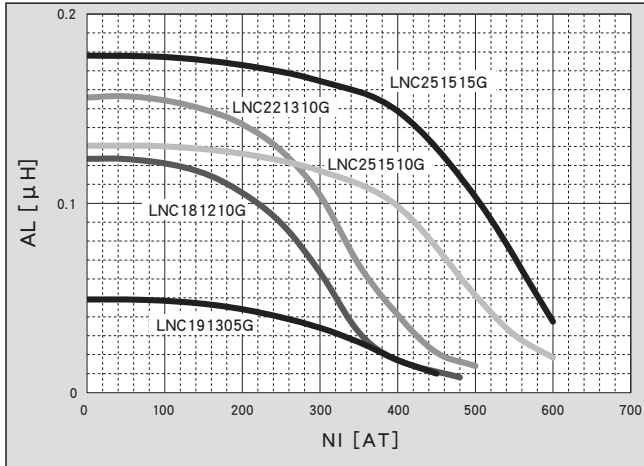
◆铁损耗的磁通量密度依赖性

- CM扼流



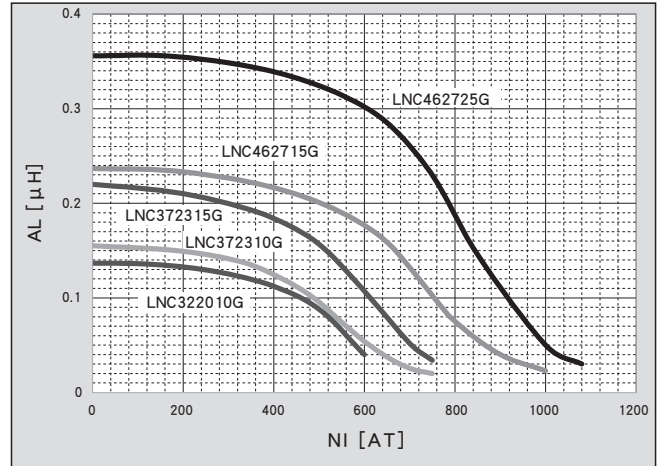
◆电感系数的叠加特性 (1)

●频率: 10 [kHz]

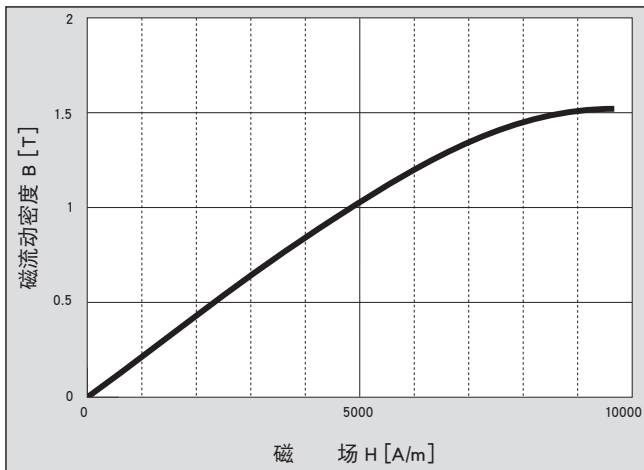


◆电感系数的叠加特性 (2)

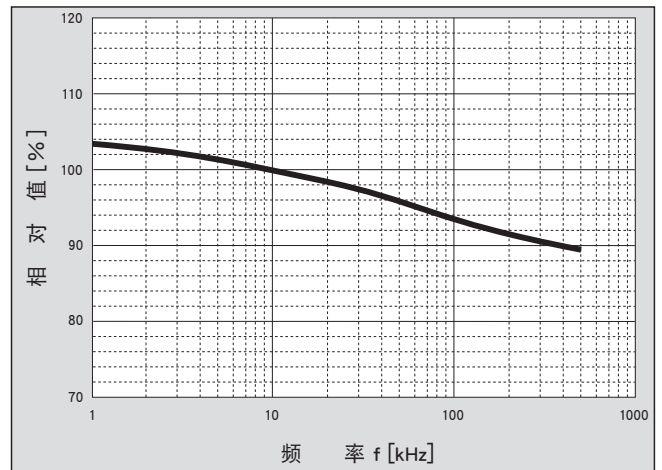
●频率: 10 [kHz]



◆CM磁芯的直流磁化特性

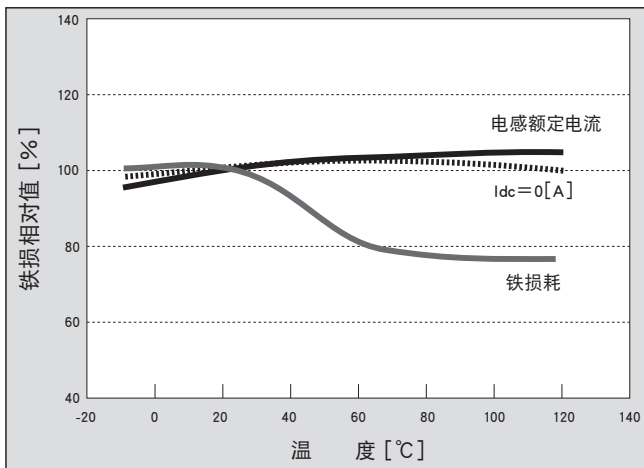


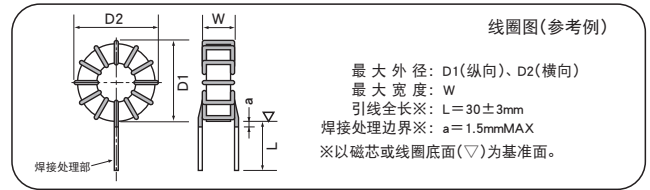
◆电感的频率特性



◆电感、铁损耗的温度依赖性

●频率: 100 [kHz]





◆线圈一般规格

线圈型号	额定电流 A	电感*1 (10kHz)		最大直流阻抗 mΩ	卷线规格 φ×根数	外形尺寸		
		0[A] μH	额定值 μH			D1 mm	D2 mm	W mm
● LACM002601G3-V0E	2	645	600	190	0.6×1P	23.5	24.0	16.0
● LACM003401G3-V0E	3	420	400	92	0.8×1P	24.5	25.0	17.5
● LACM004201G3-V0E	4	209	200	51	0.9×1P	24.5	25.0	16.5
● LACM006101G3-V0E	6	110	100	24	0.8×2P	24.5	25.0	17.5
● LACM008700G3-V0E	8	85	70	17	0.9×2P	25.0	25.5	19.0
● LACM002401G4-V0E	2	425	400	190	0.6×1P	24.5	25.0	12.5
● LACM003251G4-V0E	3	265	250	87	0.8×1P	25.5	26.0	13.5
● LACM004101G4-V0E	4	110	100	43	0.9×1P	25.5	26.0	13.0
● LACM006500G4-V0E	6	55	50	20	0.8×2P	25.5	26.0	14.0
● LACM008300G4-V0E	8	33	30	13	0.9×2P	26.0	26.5	14.0
● LACM010150G4-V0E	10	18	15	8	1.0×2P	26.5	27.0	13.5
◎ LACM001152G6-V0E	1	1530	1500	390	0.5×1P	27.0	27.5	15.5
◎ LACM002102G6-V0E	2	1050	1000	230	0.6×1P	27.5	28.0	16.0
◎ LACM003601G6-V0E	3	690	600	110	0.8×1P	28.0	28.5	18.0
◎ LACM004301G6-V0E	4	339	300	59	0.9×1P	28.5	29.0	17.0
◎ LACM005151G6-V0E	5	165	150	34	1.0×1P	28.5	29.0	17.5
◎ LACM006151G6-V0E	6	171	150	27	0.8×2P	28.0	28.5	17.5
◎ LACM010500G6-V0E	10	60	50	11	1.0×2P	28.5	29.0	18.0
◎ LACM010700G6-V0E	10	85	70	13	1.0×2P	29.5	30.0	18.5
◎ LACM015150G6-V0E	15	17	15	5	1.0×3P	28.5	29.0	17.5
◎ LACM020150G6-V0E	20	17	15	4	1.0×4P	29.0	29.5	18.5

*1 0[A]时的电感为参考值。并且, 额定电感的容许差为±25%。

上表的所有品种都拥有横置型。产品名称后3位中的“V”变为“H”即可。

上表的●品种拥有纵置带底座型。产品名称后3位中的“V”变为“D”即可。

此外, ◎品种拥有纵置带底座型和横置带底座型。

横置带底座型是产品名称后3位中的“V”变为“B”即可。

…底座需要辅助端子时, 请另行指定。

◆线圈一般规格

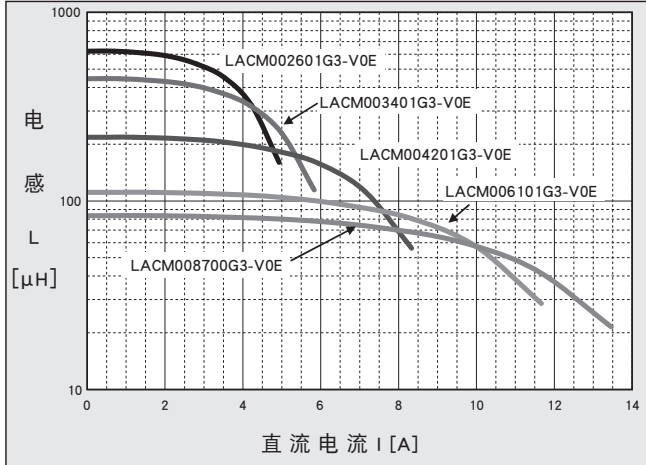
线圈型号	额定电流 A	电感 ^{※1} (10kHz)		最大直流阻抗 mΩ	卷线规格 φ×根数	外形尺寸		
		0[A] μH	额定值 μH			D1 mm	D2 mm	W mm
◎ LACM004401G7-V0E	4	420	400	77	0.9×1P	32.0	32.5	18.0
◎ LACM006201G7-V0E	6	207	200	35	0.8×2P	32.0	32.5	18.0
◎ LACM006261G7-V0E	6	270	260	41	0.8×2P	32.0	32.5	18.5
◎ LACM008151G7-V0E	8	160	150	24	0.9×2P	32.5	33.0	18.5
◎ LACM008191G7-V0E	8	215	190	33	0.9×2P	32.5	33.0	19.5
◎ LACM010101G7-V0E	10	110	100	16	1.0×2P	32.5	33.0	18.5
◎ LACM010121G7-V0E	10	140	120	19	1.0×2P	33.0	33.5	19.5
◎ LACM015300G7-V0E	15	35	30	7	1.0×3P	32.5	33.0	19.0
◎ LACM015500G7-V0E	15	55	50	9	1.0×3P	33.0	33.5	19.5
◎ LACM020300G7-V0E	20	35	30	6	1.0×4P	33.0	33.5	20.0
● LACM025200G7-V0E	25	26	20	4	1.0×5P	33.5	34.0	20.0
◎ LACM030130G7-V0E	30	16	13	3	1.0×6P	34.0	34.5	20.0
◎ LACM002192G8-V0E	2	1940	1900	390	0.6×1P	31.0	31.5	22.5
◎ LACM005301G8-V0E	5	306	300	58	1.0×1P	33.0	33.5	24.5
◎ LACM010151G8-V0E	10	170	150	22	1.0×2P	33.0	33.5	25.5
◎ LACM015700G8-V0E	15	75	70	11	1.0×3P	33.5	34.0	26.0
◎ LACM020400G8-V0E	20	45	40	7	1.0×4P	33.5	34.0	26.0
● LACM025250G8-V0E	25	27	25	5	1.0×5P	33.5	34.0	26.5
◎ LACM003102G9-V0E	3	1070	1000	170	0.8×1P	39.0	39.5	19.0
◎ LACM006301G9-V0E	6	335	300	48	0.8×2P	39.5	40.0	19.0
◎ LACM008251G9-V0E	8	289	250	37	0.9×2P	39.5	40.0	19.0
◎ LACM010191G9-V0E	10	220	190	21	1.1×2P	41.0	41.5	21.0
◎ LACM015850G9-V0E	15	100	85	10	1.3×2P	41.0	41.5	21.5
◎ LACM020450G9-V0E	20	55	45	7	1.2×3P	41.0	41.5	21.5
● LACM030200G9-V0E	30	23	20	3	1.3×4P	42.0	42.5	22.0

◆线圈一般规格

线圈型号	额定电流 A	电感 ^{※1} (10kHz)		最大直流阻抗 mΩ	卷线规格 φ×根数	外形尺寸		
		0[A] μH	额定值 μH			D1 mm	D2 mm	W mm
◎ LACM006501G0-V0E	6	569	500	61	0.8×2P	44.0	44.5	19.5
◎ LACM010201G0-V0E	10	255	200	27	1.0×2P	45.0	45.5	20.0
◎ LACM015900G0-V0E	15	135	90	13	1.0×3P	45.0	45.5	20.0
◎ LACM020500G0-V0E	20	70	50	8	1.0×4P	45.0	45.5	20.5
◎ LACM025300G0-V0E	25	38	30	6	1.0×5P	45.0	45.5	20.0
◎ LACM030250G0-V0E	30	35	25	5	1.0×6P	45.5	46.0	20.5
◎ LACM035150G0-V0E	35	18	15	4	1.0×7P	45.5	46.0	20.5
◎ LACM004102GJ-V0E	4	1080	1000	140	0.9×1P	44.0	44.5	23.0
◎ LACM010301GJ-V0E	10	380	300	31	1.0×2P	45.0	45.5	25.0
◎ LACM015121GJ-V0E	15	137	120	14	1.0×3P	45.5	46.0	25.5
◎ LACM020700GJ-V0E	20	83	70	12	1.0×4P	45.5	46.0	25.5
◎ LACM025500GJ-V0E	25	60	50	7	1.0×5P	46.0	46.5	26.0
◎ LACM030300GJ-V0E	30	38	30	4	1.0×6P	45.5	46.0	26.0
◎ LACM040150GJ-V0E	40	18	15	3	1.3×5P	46.0	46.5	26.5
◎ LACM015201GQ-V0E	15	255	200	20	1.0×3P	54.0	54.5	26.0
◎ LACM020101GQ-V0E	20	125	100	12	1.0×4P	54.5	55.0	25.5
◎ LACM035300GQ-V0E	35	35	30	5	1.0×7P	55.0	55.5	26.0
◎ LACM040200GQ-V0E	40	24	20	3	1.3×5P	55.5	56.0	26.0
◎ LACM010501GK-V0E	10	530	500	44	1.0×2P	54.5	55.0	34.5
◎ LACM015301GK-V0E	15	350	300	24	1.0×3P	55.0	55.5	36.0
◎ LACM015451GK-V0E	15	516	450	30	1.0×3P	55.5	56.0	36.5
◎ LACM020201GK-V0E	20	250	200	15	1.0×4P	55.0	55.5	36.0
◎ LACM025101GK-V0E	25	115	100	9	1.0×5P	55.5	56.0	35.5
◎ LACM030101GK-V0E	30	115	100	8	1.0×6P	55.5	56.0	36.5
◎ LACM035500GK-V0E	35	60	50	6	1.0×7P	56.0	56.5	36.5

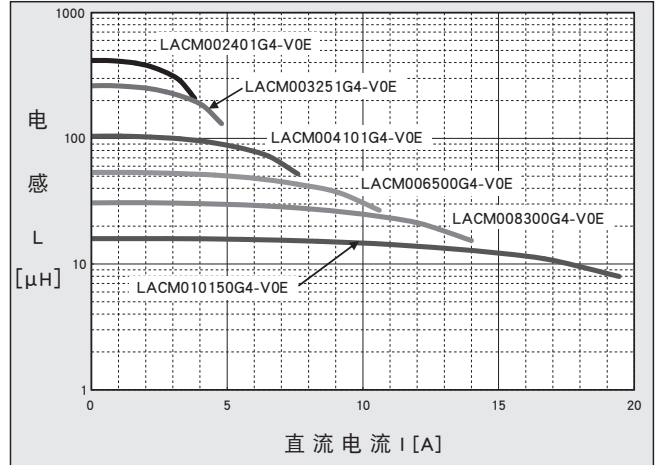
◆电感的电流叠加特性 (1)

●磁芯: LNC181210G、频率: 10 [kHz]



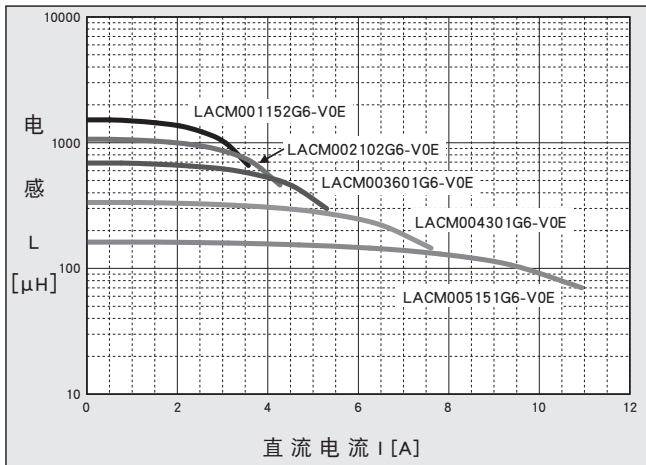
◆电感的电流叠加特性 (2)

●磁芯: LNC191305G、频率: 10 [kHz]



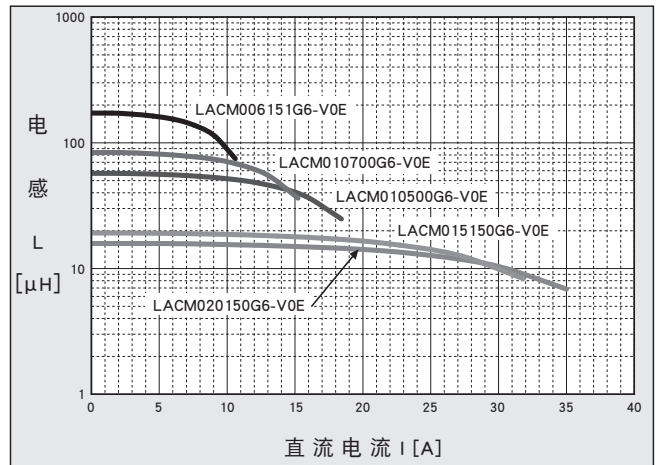
◆电感的电流叠加特性 (3)

●磁芯: LNC221310G、频率: 10 [kHz]



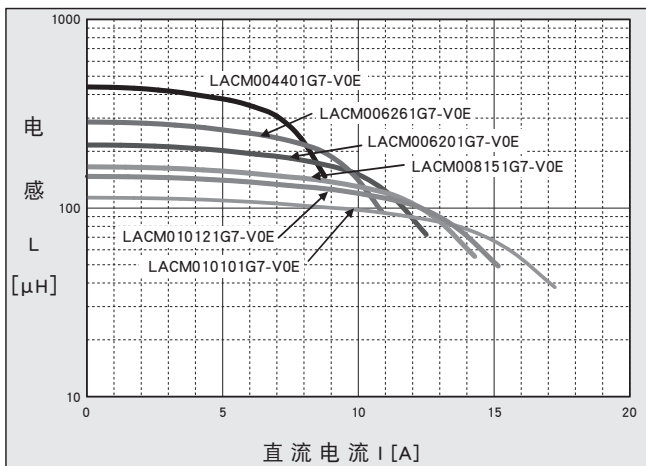
◆电感的电流叠加特性 (4)

●磁芯: LNC221310G、频率: 10 [kHz]



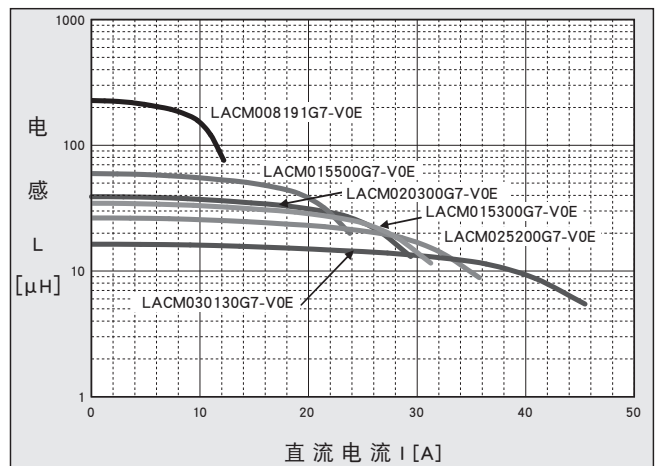
◆电感的电流叠加特性 (5)

●磁芯: LNC251510G、频率: 10 [kHz]



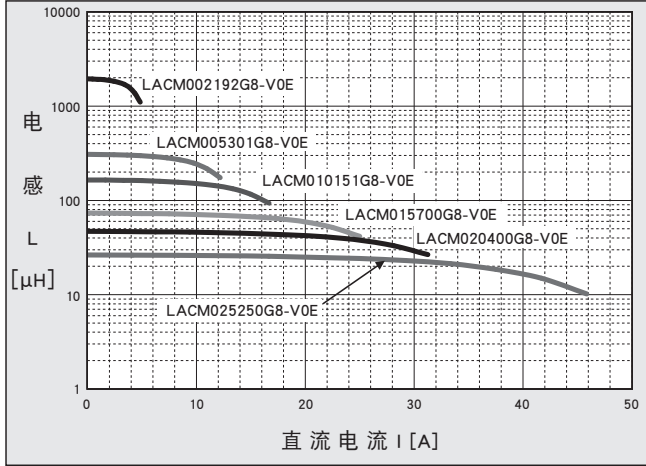
◆电感的电流叠加特性 (6)

●磁芯: LNC251510G、频率: 10 [kHz]



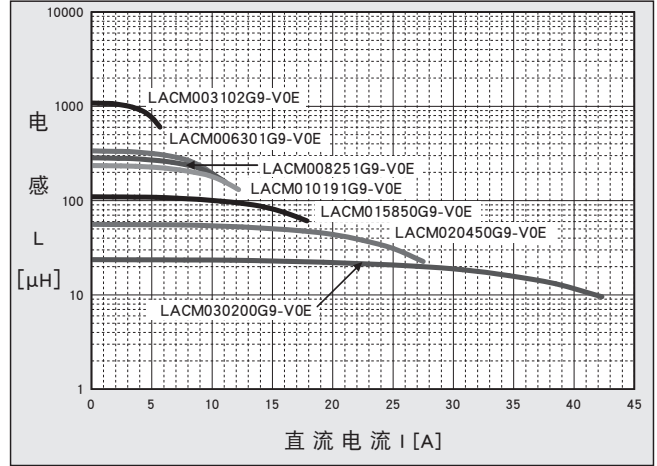
◆电感的电流叠加特性 (7)

●磁芯: LNC251515G、频率: 10 [kHz]



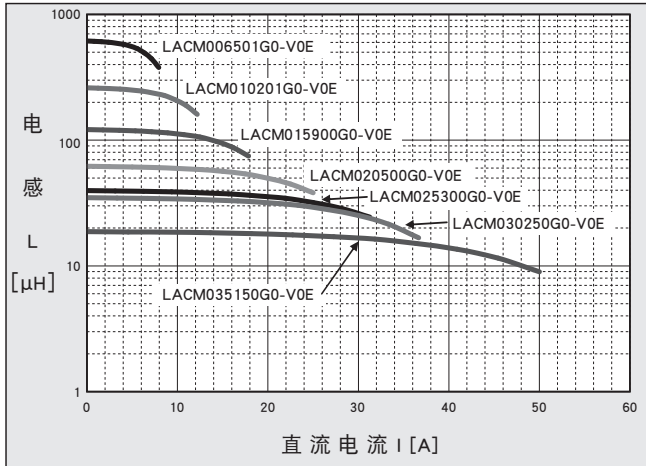
◆电感的电流叠加特性 (8)

●磁芯: LNC322010G、频率: 10 [kHz]



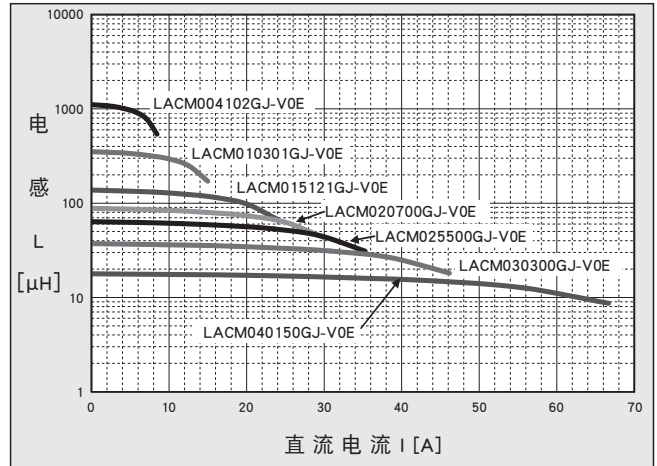
◆电感的电流叠加特性 (9)

●磁芯: LNC372310G、频率: 10 [kHz]



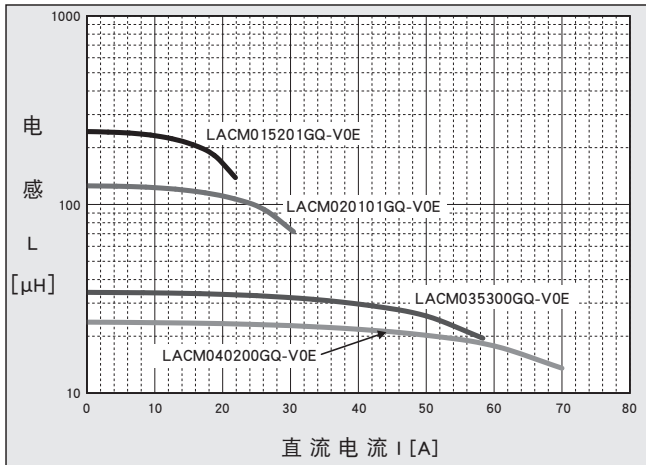
◆电感的电流叠加特性 (10)

●磁芯: LNC372315G、频率: 10 [kHz]



◆电感的电流叠加特性 (11)

●磁芯: LNC462715G、频率: 10 [kHz]



◆电感的电流叠加特性 (12)

●磁芯: LNC462725G、频率: 10 [kHz]

